

Document and Entity Information	12 Months Ended
	Dec. 31, 2020 shares
Document and Entity Information	
Entity Registrant Name	ENI SPA
Entity Central Index Key	0001002242
Entity Filer Category	Large Accelerated Filer
Entity Well-known Seasoned Issuer	Yes
Entity Emerging Growth Company	false
Entity Shell Company	false
Entity Voluntary Filers	No
Entity Current Reporting Status	Yes
Amendment Flag	false
Document Type	20-F
Document Period End Date	Dec. 31, 2020
Current Fiscal Year End Date	--12-31
Document Fiscal Year Focus	2020
Document Fiscal Period Focus	FY
Entity Common Stock, Shares Outstanding	3,605,594,848
Entity Interactive Data Current	Yes
Document Registration Statement	false
Document Annual Report	true
Document Transition Report	false
Document Shell Company Report	false
ICFR Auditor Attestation Flag	true

CONSOLIDATED BALANCE SHEET - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Current assets		
Cash and cash equivalents	€ 9,413	€ 5,994
Financial assets held for trading	5,502	6,760
Other current financial assets	254	384
Trade and other receivables	10,926	12,873
Inventories	3,893	4,734
Income tax receivables	184	192
Other current assets	2,686	3,972
Current assets	32,858	34,909
Non-current assets		
Property, plant and equipment	53,943	62,192
Right-of-use assets	4,643	5,349
Intangible assets	2,936	3,059
Inventory - Compulsory stock	995	1,371
Equity-accounted investments	6,749	9,035
Other investments	957	929
Other non-current financial assets	1,008	1,174
Deferred tax assets	4,109	4,360
Income tax receivables	153	173
Other non-current assets	1,253	871
Non-current assets	76,746	88,513
Assets held for sale	44	18
TOTAL ASSETS	109,648	123,440
Current liabilities		
Short-term debt	2,882	2,452
Current portion of long-term debt	1,909	3,156
Current portion of long-term lease liabilities	849	889
Trade and other payables	12,936	15,545
Income tax payables	243	456
Other current liabilities	4,872	7,146
Current liabilities	23,691	29,644
Non-current liabilities		
Long-term debt	21,895	18,910
Long-term lease liabilities	4,169	4,759
Provisions	13,438	14,106
Provisions for employee benefits	1,201	1,136
Deferred tax liabilities	5,524	4,920
Income tax payables	360	454
Other non-current liabilities	1,877	1,611
Non-current liabilities	48,464	45,896
TOTAL LIABILITIES	72,155	75,540
EQUITY		
Share capital	4,005	4,005
Retained earnings	34,043	35,894
Cumulative currency translation differences	3,895	7,209

Other reserves and equity instruments	4,688	1,564
Treasury shares	(581)	(981)
Profit (loss)	(8,635)	148
Equity attributable to equity holders of Eni	37,415	47,839
Non-controlling interest	78	61
TOTAL EQUITY	37,493	47,900
TOTAL LIABILITIES AND EQUITY	109,648	123,440
Related parties		
Current assets		
Other current financial assets	41	60
Trade and other receivables	802	704
Other current assets	145	219
Non-current assets		
Other non-current financial assets	766	911
Other non-current assets	74	181
Current liabilities		
Short-term debt	52	46
Current portion of long-term lease liabilities	54	5
Trade and other payables	2,100	2,663
Other current liabilities	452	155
Non-current liabilities		
Long-term lease liabilities	112	8
Other non-current liabilities	€ 23	€ 23

CONSOLIDATED PROFIT AND LOSS ACCOUNT - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Statement			
Sales from operations	€ 43,987	€ 69,881	€ 75,822
Other income and revenues	960	1,160	1,116
REVENUES AND OTHER INCOME	44,947	71,041	76,938
Purchases, services and other	(33,551)	(50,874)	(55,622)
Net (impairment losses) reversals of trade and other receivables	(226)	(432)	(415)
Payroll and related costs	(2,863)	(2,996)	(3,093)
Other operating income (expense)	(766)	287	129
Depreciation and amortization	(7,304)	(8,106)	(6,988)
Net (impairment losses) reversals of tangible and intangible assets and right-of-use assets	(3,183)	(2,188)	(866)
Write-off of tangible and intangible assets	(329)	(300)	(100)
OPERATING PROFIT (LOSS)	(3,275)	6,432	9,983
Finance income	3,531	3,087	3,967
Finance expense	(4,958)	(4,079)	(4,663)
Net finance income (expense) from financial assets held for trading	31	127	32
Derivative financial instruments	351	(14)	(307)
FINANCE INCOME (EXPENSE)	(1,045)	(879)	(971)
Share of profit (loss) from equity-accounted investments	(1,733)	(88)	(68)
Other gain (loss) from investments	75	281	1,163
INCOME (EXPENSE) FROM INVESTMENTS	(1,658)	193	1,095
PROFIT (LOSS) BEFORE INCOME TAXES	(5,978)	5,746	10,107
Income taxes	(2,650)	(5,591)	(5,970)
PROFIT (LOSS)	(8,628)	155	4,137
Attributable to Eni	(8,635)	148	4,126
Attributable to non-controlling interest	€ 7	€ 7	€ 11
Earnings per share (per share)			
Basic	€ (2.42)	€ 0.04	€ 1.15
Diluted	€ (2.42)	€ 0.04	€ 1.15
Related parties			
Statement			
Sales from operations	€ 1,164	€ 1,248	€ 1,383
Other income and revenues	35	4	8
Purchases, services and other	(6,595)	(9,173)	(8,009)
Net (impairment losses) reversals of trade and other receivables	(6)	28	26
Payroll and related costs	(36)	(28)	(22)
Other operating income (expense)	13	19	319
Finance income	114	96	115
Finance expense	€ (26)	€ (36)	€ (283)

CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME			
Profit (loss)	€(8,628)	€155	€4,137
Items that are not reclassified to profit or loss in later periods			
Remeasurements of defined benefit plans	(16)	(42)	(15)
Share of other comprehensive income (loss) on equity- accounted investments		(7)	
Change of minor investments measured at fair value with effects to other comprehensive income	24	(3)	15
Tax effect	25	5	(2)
Other comprehensive income that will not be reclassified to profit or loss, net of tax	33	(47)	(2)
Items that may be reclassified to profit or loss in later periods			
Currency translation differences	(3,314)	604	1,787
Change in the fair value of cash flow hedging derivatives	661	(679)	(243)
Share of other comprehensive income (loss) on equity- accounted investments	32	(6)	(24)
Tax effect	(192)	197	58
Other comprehensive income that will be reclassified to profit or loss, net of tax	(2,813)	116	1,578
Total other items of comprehensive income (loss)	(2,780)	69	1,576
Total comprehensive income (loss)	(11,408)	224	5,713
Attributable to Eni	(11,415)	217	5,702
Attributable to non-controlling interest	€7	€7	€11

CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY - EUR (€) €in Millions	Share capital	Retained earnings	Cumulative currency translation differences	Other reserves and equity instruments	Treasury shares	Net profit (loss) for the year	Total	Non-controlling interests	Total
Balance at Dec. 31, 2017	€ 4,005	€ 34,525	€ 4,818	€ 1,889	€ (581)	€ 3,374	€ 48,030	€ 49	€ 48,079
Changes in accounting policies at Dec. 31, 2017		245					245		245
Balance at Dec. 31, 2017	4,005	34,770	4,818	1,889	(581)	3,374	48,275	49	48,324
Statement									
Profit (loss) for the year						4,126	4,126	11	4,137
Items that are not reclassified to profit or loss in later periods									
Remeasurements of defined benefit plans net of tax effect				(17)			(17)		(17)
Change of minor investments measured at fair value with effects to OCI				15			15		15
Other comprehensive income that will not be reclassified to profit or loss, net of tax				(2)			(2)		(2)
Items that may be reclassified to profit or loss in later periods									
Currency translation differences			1,787				1,787		1,787
Change in the fair value of cash flow hedge derivatives net of tax effect				(185)			(185)		(185)
Share of "Other comprehensive income (loss)" on equity-accounted investments				(24)			(24)		(24)
Other comprehensive income that will be reclassified to profit or loss, net of tax			1,787	(209)			1,578		1,578
Total comprehensive income (loss) of the year			1,787	(211)		4,126	5,702	11	5,713
Dividend distribution of Eni SpA		1,441				(2,881)	(1,440)		(1,440)
Interim dividend distribution of Eni SpA		(1,513)					(1,513)		(1,513)
Dividend distribution of other companies								(3)	(3)
Allocation of net income (loss)		493				(493)			
Transactions with holders of equity instruments		421				(3,374)	(2,953)	(3)	(2,956)
Other changes in equity		(2)		(6)			(8)		(8)
Balance at Dec. 31, 2018	4,005	35,189	6,605	1,672	(581)	4,126	51,016	57	51,073
Changes in accounting policies at Dec. 31, 2018		(4)					(4)		(4)
Balance at Dec. 31, 2018	4,005	35,185	6,605	1,672	(581)	4,126	51,012	57	51,069
Statement									
Profit (loss) for the year						148	148	7	155
Items that are not reclassified to profit or loss in later periods									
Remeasurements of defined benefit plans net of tax effect				(37)			(37)		(37)
Share of "Other comprehensive income (loss)" on equity-accounted investments related to benefit plans remeasurements				(7)			(7)		(7)
Change of minor investments measured at fair value with effects to OCI				(3)			(3)		(3)
Other comprehensive income that will not be reclassified to profit or loss, net of tax				(47)			(47)		(47)
Items that may be reclassified to profit or loss in later periods									
Currency translation differences			604				604		604
Change in the fair value of cash flow hedge derivatives net of tax effect				(482)			(482)		(482)

Share of "Other comprehensive income (loss)" on equity-accounted investments				(6)			(6)		(6)
Other comprehensive income that will be reclassified to profit or loss, net of tax			604	(488)			116		116
Total comprehensive income (loss) of the year			604	(535)		148	217	7	224
Dividend distribution of Eni SpA		1,513				(2,989)	(1,476)		(1,476)
Interim dividend distribution of Eni SpA		(1,542)					(1,542)		(1,542)
Dividend distribution of other companies								(4)	(4)
Allocation of net income (loss)		1,137				(1,137)			
Reimbursements to minority shareholders								(1)	(1)
Acquisition of treasury shares		(400)		400	(400)		(400)		(400)
Transactions with holders of equity instruments		708		400	(400)	(4,126)	(3,418)	(5)	(3,423)
Other changes in equity		1		27			28	2	30
Balance at Dec. 31, 2019	4,005	35,894	7,209	1,564	(981)	148	47,839	61	47,900
Statement									
Profit (loss) for the year						(8,635)	(8,635)	7	(8,628)
Items that are not reclassified to profit or loss in later periods									
Remeasurements of defined benefit plans net of tax effect				9			9		9
Change of minor investments measured at fair value with effects to OCI				24			24		24
Other comprehensive income that will not be reclassified to profit or loss, net of tax				33			33		33
Items that may be reclassified to profit or loss in later periods									
Currency translation differences			(3,313)	(1)			(3,314)		(3,314)
Change in the fair value of cash flow hedge derivatives net of tax effect				469			469		469
Share of "Other comprehensive income (loss)" on equity-accounted investments				32			32		32
Other comprehensive income that will be reclassified to profit or loss, net of tax			(3,313)	500			(2,813)		(2,813)
Total comprehensive income (loss) of the year			(3,313)	533		(8,635)	(11,415)	7	(11,408)
Dividend distribution of Eni SpA		1,542				(3,078)	(1,536)		(1,536)
Interim dividend distribution of Eni SpA		(429)					(429)		(429)
Dividend distribution of other companies								(3)	(3)
Allocation of net income (loss)		(2,930)				2,930			
Cancellation of treasury shares				(400)	400				
Increase in non-controlling interest relating to acquisition of consolidated entities								15	15
Issue of perpetual subordinated bonds				3,000			3,000		3,000
Transactions with holders of equity instruments		(1,817)		2,600	400	(148)	1,035	12	1,047
Costs for the issue of perpetual subordinated bonds		(25)					(25)		(25)
Other changes		(9)	(1)	(9)			(19)	(2)	(21)
Other changes in equity		(34)	(1)	(9)			(44)	(2)	(46)
Balance at Dec. 31, 2020	€ 4,005	€ 34,043	€ 3,895	€ 4,688	€ (581)	€ (8,635)	€ 37,415	€ 78	€ 37,493

CONSOLIDATED STATEMENT OF CASH FLOWS - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Statement			
Profit (loss)	€ (8,628)	€ 155	€ 4,137
Adjustments to reconcile profit (loss) to net cash provided by operating activities			
Depreciation and amortization	7,304	8,106	6,988
Net Impairments (reversals) of tangible and intangible assets and right-of-use assets	3,183	2,188	866
Write-off of tangible and intangible assets	329	300	100
Share of (profit) loss of equity-accounted investments	1,733	88	68
Net gain on disposal of assets	(9)	(170)	(474)
Dividend income	(150)	(247)	(231)
Interest income	(126)	(147)	(185)
Interest expense	877	1,027	614
Income taxes	2,650	5,591	5,970
Other changes	92	(179)	(474)
Cash flow from changes in working capital	(18)	366	1,632
- inventories	1,054	(200)	15
- trade receivables	1,316	1,023	334
- trade payables	(1,614)	(940)	642
- provisions	(1,056)	272	(238)
- other assets and liabilities	282	211	879
Net change in the provisions for employee benefits		(23)	109
Dividends received	509	1,346	275
Interest received	53	88	87
Interest paid	(928)	(1,029)	(609)
Income taxes paid, net of tax receivables received	(2,049)	(5,068)	(5,226)
Net cash provided by operating activities	4,822	12,392	13,647
Cash flow from investing activities	(5,959)	(11,928)	(9,321)
- tangible assets	(4,407)	(8,049)	(8,778)
- prepaid right-of-use assets		(16)	
- intangible assets	(237)	(311)	(341)
- consolidated subsidiaries and businesses net of cash and cash equivalent acquired	(109)	(5)	(119)
- investments	(283)	(3,003)	(125)
- securities and financing receivables held for operating purposes	(166)	(237)	(366)
- change in payables in relation to investing activities	(757)	(307)	408
Cash flow from disposals	216	794	2,142
- tangible assets	12	264	1,089
- intangible assets		17	5
- consolidated subsidiaries and businesses net of cash and cash equivalent disposed of		187	(47)
- tax on disposals		(3)	
- investments	16	39	195
- securities and financing receivables held for operating purposes	136	195	294

- change in receivables in relation to disposals	52	95	606
Net change in securities and financing receivables held for non-operating purposes	1,156	(279)	(357)
Net cash used in investing activities	(4,587)	(11,413)	(7,536)
Increase in long-term financial debt	5,278	1,811	3,790
Repayments of long-term financial debt	(3,100)	(3,512)	(2,757)
Payments of lease liabilities	(869)	(877)	
Increase (decrease) in short-term financial debt	937	161	(713)
Dividends paid to Eni's shareholders	(1,965)	(3,018)	(2,954)
Dividends paid to non-controlling interest	(3)	(4)	(3)
Reimbursements to non-controlling interest		(1)	
Acquisition of additional interests in consolidated subsidiaries		(1)	
Acquisition of treasury shares		(400)	
Issue of perpetual subordinated bonds	2,975		
Net cash used in financing activities	3,253	(5,841)	(2,637)
Effect of exchange rate changes and other changes on cash and cash equivalents	(69)	1	18
Net increase (decrease) in cash and cash equivalents	3,419	(4,861)	3,492
Cash and cash equivalents - beginning of the year	5,994	10,855	7,363
Cash and cash equivalents - end of the year	9,413	5,994	10,855
Related parties			
Adjustments to reconcile profit (loss) to net cash provided by operating activities			
Net cash provided by operating activities	(4,640)	(6,356)	(2,707)
Net cash used in investing activities	(1,372)	(2,912)	(3,314)
Net cash used in financing activities	€ 164	€ (817)	€ 16

Impact of COVID-19 pandemic	12 Months Ended
	Dec. 31, 2020
Impact of COVID-19 pandemic	
Impact of COVID-19 pandemic	<p>Impact of COVID-19 pandemic</p> <p>The trading environment in 2020 saw a material reduction in the global demand for crude oil driven by the lockdown measures implemented worldwide to contain the spread of the COVID-19 pandemic causing a sharp contraction in economic activity, international commerce and travel, mainly during the peak of the crisis in the first and second quarter of 2020.</p> <p>The shock in the hydrocarbon demand occurred against the backdrop of a structurally oversupplied oil market, as highlighted by the disagreements among OPEC+ members on the response to be adopted to manage the crisis in early March 2020. The producing countries of the cartel decided against maintaining the existing quotas and as a result the market was inundated with production while demand was crumbling. Those developments led to a collapse in commodity prices.</p> <p>At the peak of the downturn, between March and April, the Brent marker price fell to about 15 \$/barrel, the lowest level in over twenty years. The oversupply drove oil markets into contango, a situation when prices per prompt delivery quote below prices for future deliveries, while both land and floating storages reached the highest technical filling levels.</p> <p>Since May, oil prices have been staging a turnaround thanks to an agreement reached within OPEC+ which implemented production cuts and an ongoing recovery in the world economy and oil consumption following an ease to restrictive measures, which were driven in large part by a strong rebound of activity in China. Brent prices recovered to almost 45 \$/barrel in the summer months.</p> <p>However, during the autumn months the macroeconomic rebound hit a standstill in the USA and in Europe due to a continuous recrudescence in virus cases, which forced the governments and local authorities in those countries to reinstate partial or full lockdowns and other restrictive measures that weighted heavily on oil and products demands as millions of people continued living stranded.</p> <p>In this period, crude oil prices were supported by strict production discipline on part of OPEC+ members and the market was able to accommodate the return of Libya’s production by the end of September.</p> <p>Barometer of the weakness of the fundamentals in the energy sector in the third quarter was the trend in the refining margins which dropped into negative territory due to weak demand for fuels and the crisis in the airline sector, which prevented refiners from passing the cost of the crude oil feedstock to the final prices of products. To make things worse, OPEC+ production cuts impacted the availability of medium-heavy crudes, narrowing the price differentials with light-medium qualities like the Brent crude and squeezing the refiners’ conversion advantage.</p> <p>However, since mid-November a few market and macroeconomic developments triggered a rally in oil prices, which reached 50 \$/bbl at the end of the year rebounding from the still depressed level of October and then rose to an average of over 60 \$/barrel in the first quarter of 2021.</p> <p>In 2020 due to the macroeconomic and market developments caused by the COVID-19 pandemic the price of the Brent benchmark crude oil prices decreased by 35% compared to the previous year, with an annual average of 42 \$/barrel, the price of natural gas at the Italian spot market “PSV” declined on average by 35%, and the Standard Eni Refining Margin – SERM decreased by 60%.</p> <p>Considering the market trends, management revised the Company’s outlook for hydrocarbons prices assuming a more conservative oil scenario with a Long Term Brent price at 60 \$/barrel in 2023 real terms (compared to the previous projection of 70 \$/barrel) to reflect the possible structural effects of the pandemic on oil demand and the risk that the energy transition will accelerate due to the fiscal policies adopted by governments to rebuild the economy on more sustainable basis. These developments had negative, material effects on Eni’s results of operations and cash flow.</p> <p>In 2020, Eni reported a net loss of €8.6 billion due to the reduction in revenues driven by lower realized prices and margins for hydrocarbons with an estimated impact of €6.8 billion and lower production volumes and other business impacts caused by the COVID-19 pandemic for €1 billion, as well as the recognition of impairment losses of €3.2 billion taken at oil&gas assets and refineries due to a revised management’s outlook on long-term oil and gas prices and lowered assumptions for the refining margins. A loss of approximately €1.3 billion was incurred in relation to the evaluation of inventories of oil and products, which were aligned to their net realizable values at period end, and a €1.7 billion loss taken at equity-accounted investments. All these trends caused the Group to incur an operating loss of €3.3 billion.</p> <p>These effects were partially offset by cost efficiencies and other management initiatives to counter the effects of the pandemic. Furthermore, the Group net loss for the year was also affected for €1.3 billion by the write-down of deferred tax assets.</p> <p>Net cash provided by operating activities declined to €4.8 billion with a reduction of 61% compared to 2019, due to lower prices of hydrocarbons and other scenario effects for €6 billion and the negative impact on operations associated with the COVID-19 for €1.3 billion attributable to reduced expenditures, lower demand for fuel and chemicals, longer maintenance standstills in response to the COVID-19 emergency, lower LNG offtakes and lower gas demand and higher provisions for impairment losses at trade receivables.</p> <p>These negative impacts were partially offset by cost savings and other initiatives in response to the pandemic crisis.</p> <p>In order to respond to this large-scale shortfall, management has taken several decisive actions to preserve the Company’s liquidity, the ability to cover maturing financial obligations and to</p>

mitigate the impact of the crisis on the Group’s net financial position, as follows:

In 2020 Eni reduced capital expenditures by a significant amount. Those capex reductions mainly related to upstream activities, targeting production optimization activities and the rephasing of certain development projects. The delayed or re-phased activities can be restarted quickly in normal conditions, determining a recovery of related production. Implemented widespread cost reduction initiatives across all businesses resulting in significant cost savings.
In May 2020, a €2 billion bond was issued. Then, in October two hybrid bonds were issued for a total amount of €3 billion; those latter bonds are classified among equity for balance sheet purposes.
A share repurchase program approved before the start of the crisis was put on hold.
Established a new dividend policy with the introduction of a variable component of the dividend in line with the volatility of the scenario. The new policy establishes a floor dividend currently set at 0.36 €/share under the assumption of a Brent scenario of at least 43 \$/barrel and a growing variable component based on a recovery in the crude oil scenario. The floor amount will be revalued over time depending on the Company delivering on its industrial targets. For 2020, the dividend proposal is equal to the floor dividend.

The Company limited the increase in net borrowings before IFRS 16 which closed the year at €1.6 billion (unchanged over 2019), while retaining leverage at 0.31. The Company can count to fulfill the financial obligations coming due in the next future on a liquidity reserve of €20.4 billion as of December 31, 2020, consisting of:

- cash and cash equivalents of €9.4 billion;
- €5.3 billion of undrawn committed borrowing facilities;
- €5.5 billion of readily disposable securities (mainly government bonds and corporate investment grade bond) and €0.2 billion of short-term financing receivables.

This reserve is considered adequate to cover the main financial obligations maturing in the next twelve months relating to:

- short-term debt of €2.9 billion;
- maturing bonds of €1.1 billion and other maturing long-term debt of €1.1 billion
- committed investments of €4.3 billion;
- instalments of leasing contracts coming due of €1.1 billion
- the payment of a floor dividend for approximately €1.5 billion (including the final 2020 dividend and the interim floor dividend for 2021 due to paid in September).

Significant accounting policies, estimates and judgements	12 Months Ended Dec. 31, 2020
Significant accounting policies, estimates and judgements	
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1 Significant accounting policies, estimates and judgements	
Basis of preparation	
The Consolidated Financial Statements of Eni SpA and its subsidiaries (collectively referred to as Eni or the Group) have been prepared on a going concern ¹ basis in accordance with International Financial Reporting Standards (IFRS) ² as issued by the International Accounting Standards Board (IASB).	
The Consolidated Financial Statements have been prepared under the historical cost convention, taking into account, where appropriate, value adjustments, except for certain items that under IFRSs must be measured at fair value as described in the accounting policies that follow. The principles of consolidation and the significant accounting policies that follow have been consistently applied to all years presented, except where otherwise indicated.	
The 2020 Consolidated Financial Statements included in the Annual Report on Form 20-F, approved by the Eni's Board of Directors on April 1, 2021, were audited by the external auditor PricewaterhouseCoopers SpA. The external auditor of Eni SpA, as the main external auditor, is wholly in charge of the auditing activities of the Consolidated Financial Statements; when there are other external auditors, PricewaterhouseCoopers SpA takes the responsibility of their work.	
The Consolidated Financial Statements are presented in euros and all values are rounded to the nearest million euros (€million), except where otherwise indicated.	
<hr/> <div><div>¹</div><div>With reference to the impacts of COVID-19, see information provided in the previous paragraph.</div></div> <div><div>²</div><div>IFRSs include also International Accounting Standards (IAS), currently effective, as well as the interpretations developed by the IFRS Interpretations Committee, previously named International Financial Reporting Interpretations Committee (IFRIC) and initially Standing Interpretations Committee (SIC).</div></div>	
Significant accounting estimates and judgements	
The preparation of the Consolidated Financial Statements requires the use of estimates and assumptions that affect the assets, liabilities, revenues and expenses recognised in the financial statements, as well as amounts included in the notes thereto, including disclosure of contingent assets and contingent liabilities. Estimates made are based on complex judgements and past experience of other assumptions deemed reasonable in consideration of the information available at the time. The accounting policies and areas that require the most significant judgements and estimates to be used in the preparation of the Consolidated Financial Statements are in relation to the accounting for oil and natural gas activities, specifically in the determination of reserves, impairment of financial and non-financial assets, leases, decommissioning and restoration liabilities, environmental liabilities, business combinations, employee benefits, revenue from contracts with customers, fair value measurements and income taxes. Although the Company uses its best estimates and judgements, actual results could differ from the estimates and assumptions used. The accounting estimates and judgements relevant for the preparation of the Consolidated Financial Statement are described below.	
Principles of consolidation	
Subsidiaries	
The Consolidated Financial Statements comprise the financial statements of the parent Company Eni SpA and those of its subsidiaries, being those entities over which the Company has control either directly or indirectly, through exposure or rights to their variable returns and the ability to affect those returns through its power over the investees. To have power over an investee, the investor must have existing rights that give it the current ability to direct the relevant activities of the investee, i.e. the activities that significantly affect the investee's returns.	
Subsidiaries are consolidated, on the basis of consistent accounting policies, from the date on which control is obtained until the date that control ceases.	
Assets, liabilities, income and expenses of consolidated subsidiaries are fully recognised with those of the parent in the Consolidated Financial Statements, taking into account the appropriate eliminations of intragroup transactions (see the accounting policy for "Intragroup transactions"); the parent's investment in each subsidiary is eliminated against the corresponding parent's portion of equity of each subsidiary. Non-controlling interests are presented separately on the balance sheet within equity; the profit or loss and comprehensive income attributable to non-controlling interests are presented in specific line items, respectively, in the profit and loss account and in the statement of comprehensive income.	
The Consolidated Financial Statements do not consolidate: (i) some subsidiaries being immaterial, either individually or in the aggregate; (ii) companies whose consolidation does not produce material impacts, that are subsidiaries acting as sole-operator in the management of oil and gas contracts on behalf of companies participating in a joint project. In the latter case, the activities are financed proportionally based on a budget approved by the participating companies upon presentation of periodical reports of proceeds and expenses. Costs and revenue and other operating data (production, reserves, etc.) of the project, as well as the related obligations arising from the project, are recognised directly in the financial statements of the companies involved based on their own share. The abovementioned exclusions do not produce material ³ impacts on the Consolidated Financial Statements ⁴ .	

When the proportion of the equity held by non-controlling interests changes, any difference between the consideration paid/received and the amount by which the related non-controlling interests are adjusted is attributed to Eni owners’ equity. Conversely, the sale of equity interests with loss of control determines the recognition in the profit and loss account of: (i) any gain or loss calculated as the difference between the consideration received and the corresponding transferred net assets; (ii) any gain or loss recognised as a result of the remeasurement of any investment retained in the former subsidiary at its fair value; and (iii) any amount related to the former subsidiary previously recognised in other comprehensive income which may be reclassified subsequently to the profit and loss account⁵. Any investment retained in the former subsidiary is recognised at its fair value at the date when control is lost and shall be accounted for in accordance with the applicable measurement criteria.

³ According to IFRSs, information is material if omitting, misstating or obscuring it could reasonably be expected to influence decisions that the primary users of general purpose financial statements make on the basis of those financial statements.

⁴ Unconsolidated subsidiaries are accounted for as described in the accounting policy for “The equity method of accounting”.

⁵ Conversely, any amount related to the former subsidiary previously recognised in other comprehensive income, which may not be reclassified subsequently to the profit and loss account, are reclassified in another item of equity.

Interests in joint arrangements

Joint control is the contractually agreed sharing of control of an arrangement, which exists only when decisions about the relevant activities require the unanimous consent of the parties sharing control.

A joint venture is a joint arrangement whereby the parties that have joint control of the arrangement have rights to the net assets of the arrangement. Investments in joint ventures are accounted for using the equity method as described in the accounting policy for “The equity method of accounting”.

A joint operation is a joint arrangement whereby the parties that have joint control of the arrangement have enforceable rights to the assets, and enforceable obligations for the liabilities, relating to the arrangement; in the Consolidated Financial Statements, Eni recognises its share of the assets/liabilities and revenue/expenses of joint operations on the basis of its rights and obligations relating to the arrangements.

After the initial recognition, the assets/liabilities and revenue/expenses of the joint operations are measured in accordance with the applicable measurement criteria. Immaterial joint operations structured through a separate vehicle are accounted for using the equity method or, if this does not result in a misrepresentation of the Company’s financial position and performance, at cost net of any impairment losses.

Investments in associates

An associate is an entity over which Eni has significant influence, that is the power to participate in the financial and operating policy decisions of the investee, but is not control or joint control of those policies. Investments in associates are accounted for using the equity method as described in the accounting policy for “The equity method of accounting”.

Consolidated companies’ financial statements are audited by external auditors who also audit the information required for the preparation of the Consolidated Financial Statements.

The equity method of accounting

Investments in joint ventures, associates and immaterial unconsolidated subsidiaries, are accounted for using the equity method.⁶

Under the equity method, investments are initially recognised at cost, allocating it, similarly to business combinations procedures, to the investee’s identifiable assets/liabilities; any excess of the cost of the investment over the share of the net fair value of the investee’s identifiable assets and liabilities is accounted for as goodwill, not separately recognised but included in the carrying amount of the investment. If this allocation is provisionally recognised at initial recognition, it can be retrospectively adjusted within one year from the date of initial recognition, to reflect new information obtained about facts and circumstances that existed at the date of initial recognition. Subsequently, the carrying amount is adjusted to reflect: (i) the investor’s share of the profit or loss of the investee after the date of acquisition, adjusted to account for depreciation, amortization and any impairment losses of the equity-accounted entity’s assets based on their fair values at the date of acquisition; and (ii) the investor’s share of the investee’s other comprehensive income. Distributions received from an equity-accounted investee reduce the carrying amount of the investment. In applying the equity method, consolidation adjustments are considered (see also the accounting policy for “Subsidiaries”). Losses arising from the application of the equity method in excess of the carrying amount of the investment, recognised in the profit and loss account within “Income (Expense) from investments”, reduce the carrying amount, net of the related expected credit losses (see below), of any financing receivables towards the investee for which settlement is neither planned nor likely to occur in the foreseeable future (the so-called long-term interests), which are, in substance, an extension of the investment in the investee. The investor’s share of any losses of an equity-accounted investee that exceeds the carrying amount of the investment and any long-term interests (the so-called net investment), is recognised in a specific provision only to the extent that the investor has incurred legal or constructive obligations or made payments on behalf of the investee.

Whenever there is objective evidence of impairment (e.g. relevant breaches of contracts, significant financial difficulty, probable default of the counterparty, etc.), the carrying amount of the net investment, resulting from the application of the abovementioned measurement criteria, is tested for impairment by comparing it with the related recoverable amount, determined by adopting the criteria indicated in the accounting policy for “Impairment of non-financial assets”. When an impairment loss no longer exists or has decreased, any reversal of the impairment loss is recognised in the profit and loss account within “Income (Expense) from investments”. The impairment reversal of the net investment shall not exceed the previously recognised impairment losses.

The sale of equity interests with loss of joint control or significant influence over the investee determines the recognition in the profit and loss account of: (i) any gain or loss calculated as the difference between the consideration received and the corresponding transferred share; (ii) any gain or loss recognised as a result of the remeasurement of any investment retained in the former joint venture/associate at its fair value⁷; and (iii) any amount related to the former joint venture/associate previously recognised in other comprehensive income which may be reclassified subsequently to the profit and loss account⁸. Any investment retained in the former joint venture/associate is recognised at its fair value at the date when joint control or significant influence is lost and shall be accounted for in accordance with the applicable measurement criteria.

⁶ Joint ventures, associates and immaterial unconsolidated subsidiaries are accounted for at cost less any accumulated impairment losses, if this does not result in a misrepresentation of the Company's financial position and performance.

⁷ If the retained investment continues to be classified either as a joint venture or an associate and so accounted for using the equity method, no remeasurement at fair value is recognised in the profit and loss account.

⁸ Conversely, any amount related to the former joint venture/associate previously recognised in other comprehensive income, which may not be reclassified subsequently to the profit and loss account, are reclassified in another item of equity.

Business combinations

Business combinations are accounted for by applying the acquisition method. The consideration transferred in a business combination is the sum of the acquisition-date fair value of the assets transferred, the liabilities incurred and the equity interests issued by the acquirer. The consideration transferred includes also the fair value of any assets or liabilities resulting from contingent considerations, contractually agreed and dependent upon the occurrence of specified future events. Acquisition-related costs are accounted for as expenses when incurred.

The acquirer shall measure the identifiable assets acquired and liabilities assumed at their acquisition-date fair values⁹, unless another measurement basis is required by IFRSs. The excess of the consideration transferred over the Group's share of the acquisition-date fair values of the identifiable assets acquired and liabilities assumed is recognised, on the balance sheet, as goodwill; conversely, a gain on a bargain purchase is recognised in the profit and loss account.

Any non-controlling interests are measured as the proportionate share in the recognised amounts of the acquiree's identifiable net assets at the acquisition date excluding the portion of goodwill attributable to them (partial goodwill method).¹⁰ In a business combination achieved in stages, the purchase price is determined by summing the acquisition-date fair value of previously held equity interests in the acquiree and the consideration transferred for obtaining control; the previously held equity interests are remeasured at their acquisition-date fair value and the resulting gain or loss, if any, is recognised in the profit and loss account. Furthermore, on obtaining control, any amount recognised in other comprehensive income related to the previously held equity interests is reclassified to the profit and loss account, or in another item of equity when such amount may not be reclassified to the profit and loss account.

If the initial accounting for a business combination is incomplete by the end of the reporting period in which the combination occurs, the provisional amounts recognised at the acquisition date shall be retrospectively adjusted within one year from the acquisition date, to reflect new information obtained about facts and circumstances that existed as of the acquisition date.

The acquisition of interests in a joint operation whose activity constitutes a business is accounted for applying the principles on business combinations accounting. In this regard, if the entity obtains control over a business that was a joint operation, the previously held interest in the joint operation is remeasured at the acquisition-date fair value and the resulting gain or loss is recognized in the profit and loss account.¹¹

⁹ Fair value measurement principles are described in the accounting policy for "Fair value measurements".

¹⁰ As an alternative, IFRSs allow to use the full goodwill method, which leads to the portion of goodwill/badwill attributable to non-controlling interests being recognised; the choice of measurement basis for goodwill/badwill (partial goodwill method vs. full goodwill method) is made on a transaction-by-transaction basis.

¹¹ If the entity acquires additional interests in a joint operation that is a business, while retaining joint control, the previously held interest in the joint operation is not remeasured.

Significant accounting estimates and judgements: investments and business combinations

The assessment of the existence of control, joint control, significant influence over an investee, as well as for joint operations, the assessment of the existence of enforceable rights to the investee's assets and enforceable obligations for the investee's liabilities imply that the management makes complex judgements on the basis of the characteristics of the investee's structure, arrangements between parties and other relevant facts and circumstances. Significant accounting estimates by management are required also for measuring the identifiable assets acquired and the liabilities assumed in a business combination at their acquisition-date fair values. For such measurement, to be performed also for the application of the equity method, Eni adopts the valuation techniques generally used by market participants taking into account the available information; for the most significant business combinations, Eni engages external independent evaluators.

Intragroup transactions

All balances and transactions between consolidated companies, and not yet realised with third parties, including unrealised profits arising from such transactions have been eliminated.

Unrealised profits arising from transactions between the Group and its equity-accounted entities are eliminated to the extent of the Group's interest in the equity-accounted entity. In both cases, unrealised losses are not eliminated unless the transaction provides evidence of an impairment loss of the asset transferred.

Foreign currency translation

The financial statements of foreign operations having a functional currency other than the euro, that represents the parent's functional currency, are translated into euros using the spot exchange rates on the balance sheet date for assets and liabilities, historical exchange rates for equity and average exchange rates for the profit and loss account and the statement of cash flows.

The cumulative resulting exchange differences are presented in the separate component of Eni owners’ equity “Cumulative currency translation differences”¹². Cumulative amount of exchange differences relating to a foreign operation are reclassified to the profit and loss account when the entity disposes the entire interest in that foreign operation or when the partial disposal involves the loss of control, joint control or significant influence over the foreign operation. On a partial disposal that does not involve loss of control of a subsidiary that includes a foreign operation, the proportionate share of the cumulative exchange differences is reattributed to the non-controlling interests in that foreign operation. On a partial disposal of interests in joint arrangements or in associates that does not involve loss of joint control or significant influence, the proportionate share of the cumulative exchange differences is reclassified to the profit and loss account. The repayment of share capital made by a subsidiary having a functional currency other than the euro, without a change in the ownership interest, implies that the proportionate share of the cumulative amount of exchange differences relating to the subsidiary is reclassified to the profit and loss account.

The financial statements of foreign operations which are translated into euros are denominated in the foreign operations’ functional currencies which generally is the U.S. dollar.

The main foreign exchange rates used to translate the financial statements into the parent’s functional currency are indicated below:

	Annual average exchange rate 2020	Exchange rate at December 31, 2020	Annual average exchange rate 2019	Exchange rate at December 31, 2019	Annual average exchange rate 2018	Exchange rate at December 31, 2018
(currency amount for 1 €)						
U.S. Dollar	1.14	1.23	1.12	1.12	1.18	1.15
Pound Sterling	0.89	0.90	0.88	0.85	0.88	0.89
Australian Dollar	1.66	1.59	1.61	1.60	1.58	1.62

¹² When the foreign subsidiary is partially owned, the cumulative exchange difference, that is attributable to the non-controlling interests, is allocated to and recognised as part of “Non-controlling interest”.

Significant accounting policies

The most significant accounting policies used in the preparation of the Consolidated Financial Statements are described below.

Oil and natural gas exploration, appraisal, development and production activities

Oil and natural gas exploration, appraisal and development activities are accounted for using the principles of the successful efforts method of accounting as described below.

Acquisition of exploration rights

Costs incurred for the acquisition of exploration rights (or their extension) are initially capitalised within the line item “Intangible assets” as “exploration rights — unproved” pending determination of whether the exploration and appraisal activities in the reference areas are successful or not. Unproved exploration rights are not amortised, but reviewed to confirm that there is no indication that the carrying amount exceeds the recoverable amount. This review is based on the confirmation of the commitment of the Company to continue the exploration activities and on the analysis of facts and circumstances that indicate the absence of uncertainties related to the recoverability of the carrying amount. If no future activity is planned, the carrying amount of the related exploration rights is recognised in the profit and loss account as write-off. Lower value exploration rights are pooled and amortised on a straight-line basis over the estimated period of exploration. In the event of a discovery of proved reserves (i.e. upon recognition of proved reserves and internal approval for development), the carrying amount of the related unproved exploration rights is reclassified to “proved exploration rights”, within the line item “Intangible assets”. Upon reclassification, as well as whether there is any indication of impairment, the carrying amount of exploration rights to reclassify as proved is tested for impairment considering the higher of their value in use and their fair value less costs of disposal. From the commencement of production, proved exploration rights are amortised according to the unit of production method (the so-called UOP method, described in the accounting policy for “UOP depreciation, depletion and amortisation”).

Acquisition of mineral interests

Costs incurred for the acquisition of mineral interests are capitalised in connection with the assets acquired (such as exploration potential, possible and probable reserves and proved reserves). When the acquisition is related to a set of exploration potential and reserves, the cost is allocated to the different assets acquired based on their expected discounted cash flows.

Acquired exploration potential is measured in accordance with the criteria illustrated in the accounting policy for “Acquisition of exploration rights”. Costs associated with proved reserves are amortised according to the UOP method (see the accounting policy for “UOP depreciation, depletion and amortisation”). Expenditure associated with possible and probable reserves (unproved mineral interests) is not amortised until classified as proved reserves; in case of a negative result of the subsequent appraisal activities, it is written off.

Exploration and appraisal expenditure

Geological and geophysical exploration costs are recognised as an expense as incurred.

Costs directly associated with an exploration well are initially recognised within tangible assets in progress, as “exploration and appraisal costs — unproved” (exploration wells in progress) until the drilling of the well is completed and can continue to be capitalised in the following 12-month period pending the evaluation of drilling results (suspended exploration wells). If, at the end of this

period, it is ascertained that the result is negative (no hydrocarbon found) or that the discovery is not sufficiently significant to justify the development, the wells are declared dry/unsuccessful and the related costs are written-off. Conversely, these costs continue to be capitalised if and until: (i) the well has found a sufficient quantity of reserves to justify its completion as a producing well, and (ii) the entity is making sufficient progress assessing the reserves and the economic and operating viability of the project; on the contrary, the capitalised costs are recognised in the profit and loss account as write-off. Analogous recognition criteria are adopted for the costs related to the appraisal activity. When proved reserves of oil and/or natural gas are determined, the relevant expenditure recognised as unproved is reclassified to proved exploration and appraisal costs within tangible assets in progress. Upon reclassification, or when there is any indication of impairment, the carrying amount of the costs to reclassify as proved is tested for impairment considering the higher of their value in use and their fair value less costs of disposal. From the commencement of production, proved exploration and appraisal costs are depreciated according to the UOP method (see the accounting policy for “UOP depreciation, depletion and amortisation”).

Development expenditure

Development expenditure, including the costs related to unsuccessful and damaged development wells, are capitalised as “Tangible asset in progress — proved”. Development costs are incurred to obtain access to proved reserves and to provide facilities for extracting, treating, gathering and storing the oil and gas. They are amortised, from the commencement of production, generally on a UOP basis. When development projects are unfeasible/not carried on, the related costs are written off when it is decided to abandon the project. Development costs are tested for impairment in accordance with the criteria described in the accounting policy for “Property, plant and equipment”.

UOP depreciation, depletion and amortisation

Proved oil and gas assets are depreciated generally under the UOP method, as their useful life is closely related to the availability of proved oil and gas reserves, by applying, to the depreciable amounts at the end of each quarter a rate representing the ratio between the volumes extracted during the quarter and the reserves existing at the end of the quarter, increased by the volumes extracted during the quarter. This method is applied with reference to the smallest aggregate representing a direct correlation between expenditures to be depreciated and oil and gas reserves. Proved exploration rights and acquired proved mineral interests are amortised over proved reserves; proved exploration and appraisal costs and development expenditure are depreciated over proved developed reserves, while common facilities are depreciated over total proved reserves. Proved reserves are determined according to U.S. SEC rules that require the use of the yearly average oil and gas prices for assessing the economic producibility; material changes in reference prices could result in depreciation charges not reflecting the pattern in which the assets’ future economic benefits are expected to be consumed to the extent that, for example, certain non-current assets would be fully depreciated within a short term. In these cases the reserves considered in determining the UOP rate are estimated on the basis of economic viability parameters, reasonable and consistent with management’s expectations of production, in order to recognise depreciation charges that more appropriately reflect the expected utilization of the assets concerned.

Production costs

Production costs are those costs incurred to operate and maintain wells and field equipment and are recognised as an expense as incurred.

Production Sharing Agreements and service contracts

Oil and gas reserves related to Production Sharing Agreements are determined on the basis of contractual terms related to the recovery of the contractor’s costs to undertake and finance exploration, development and production activities at its own risk (Cost Oil) and the Company’s stipulated share of the production remaining after such cost recovery (Profit Oil). Revenues from the sale of the lifted production, against both Cost Oil and Profit Oil, are accounted for on an accrual basis, whilst exploration, development and production costs are accounted for according to the above-mentioned accounting policies. The Company’s share of production volumes and reserves includes the share of hydrocarbons that corresponds to the taxes to be paid, according to the contractual agreement, by the national government on behalf of the Company. As a consequence, the Company has to recognise at the same time an increase in the taxable profit, through the increase of the revenue, and a tax expense. A similar scheme applies to service contracts.

Plugging and abandonment of wells

Costs expected to be incurred with respect to the plugging and abandonment of a well, dismantlement and removal of production facilities, as well as site restoration, are capitalised, consistent with the accounting policy described under “Property, plant and equipment”, and then depreciated on a UOP basis.

Significant accounting estimates and judgements: oil and natural gas activities

Engineering estimates of the Company’s oil and gas reserves are inherently uncertain. Proved reserves are the estimated volumes of crude oil, natural gas and gas condensates, liquids and associated substances which geological and engineering data demonstrate that can be economically producible with reasonable certainty from known reservoirs under existing economic conditions and operating methods. Although there are authoritative guidelines regarding the engineering and geological criteria that must be met before estimated oil and gas reserves can be categorised as “proved”, the accuracy of reserve estimates depends on a number of factors, assumptions and variables, including: (i) the quality of available geological, technical and economic data and their interpretation and judgement; (ii) projections regarding future rates of production and operating costs as well as timing and amount of development expenditures; (iii) changes in the prevailing tax rules, other government regulations and contractual conditions; (iv) results of drilling, testing and the actual production performance of Eni’s reservoirs after the date of the estimates which may drive substantial upward or downward revisions; and (v) changes in oil and natural gas prices which could affect expected future cash flows and the quantities of Eni’s proved reserves since the estimates of reserves are based on prices and costs existing as of the date when these estimates are made. Lower oil prices or the projections of higher operating and development costs may impair the ability of the Company to economically produce reserves leading to downward reserve revisions.

Many of the factors, assumptions and variables involved in estimating proved reserves are subject to change over time and therefore affect the estimates of oil and natural gas reserves. Similar uncertainties concern unproved reserves.

The determination of whether potentially economic oil and natural gas reserves have been discovered by an exploration well is made within a year after well completion. The evaluation process of a discovery, which requires performing additional appraisal activities on the potential oil and natural gas field and establishing the optimum development plans, can take longer, in most cases, depending on the complexity of the project and on the size of capital expenditures required. During this period, the costs related to these exploration wells remain suspended on the balance sheet. In any case, all such capitalised costs are reviewed, at least, on an annual basis to confirm the continued intent to develop, or otherwise to extract value from the discovery.

Field reserves will be categorised as proved only when all the criteria for attribution of proved status have been met. Proved reserves can be classified as developed or undeveloped. Volumes are classified into proved developed reserves as a consequence of development activity. Generally, reserves are booked as proved developed at the start of production. Major development projects typically take one to four years from the time of initial booking to the start of production.

Estimated proved reserves are used in determining depreciation, amortisation and depletion charges and impairment charges. Assuming all other variables are held constant, an increase in estimated proved developed reserves for each field decreases depreciation, amortisation and depletion charge under the UOP method. Conversely, a decrease in estimated proved developed reserves increases depreciation, amortisation and depletion charge.

Property, plant and equipment

Property, plant and equipment, including investment properties, are recognised using the cost model and stated at their purchase price or construction cost including any costs directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by management. For assets that necessarily take a substantial period of time to get ready for their intended use, the purchase price or construction cost comprises the borrowing costs incurred in the period to get the asset ready for use that would have been avoided if the expenditure had not been made.

In the case of a present obligation for dismantling and removal of assets and restoration of sites, the initial carrying amount of an item of property, plant and equipment includes the estimated (discounted) costs to be incurred when the removal event occurs; a corresponding amount is recognised as part of a specific provision (see the accounting policy for “Decommissioning and restoration liabilities”). Analogous approach is adopted for present obligations to realise social projects in oil and gas development areas.

Property, plant and equipment are not revalued for financial reporting purposes.

Expenditures on upgrading, revamping and reconversion are recognised as items of property, plant and equipment when it is probable that they will increase the expected future economic benefits of the asset. Assets acquired for safety or environmental reasons, although not directly increasing the future economic benefits of any particular existing item of property, plant and equipment, qualify for recognition as assets when they are necessary for running the business.

Depreciation of tangible assets begins when they are available for use, i.e. when they are in the location and condition necessary for it to be capable of operating as planned. Property, plant and equipment are depreciated on a systematic basis over their useful life. The useful life is the period over which an asset is expected to be available for use by the Company. When tangible assets are composed of more than one significant part with different useful lives, each part is depreciated separately. The depreciable amount is the asset’s carrying amount less its residual value at the end of its useful life, if it is significant and can be reasonably determined. Land is not depreciated, even when acquired together with a building. Tangible assets held for sale are not depreciated (see the accounting policy for “Assets held for sale and discontinued operations”). Changes in the asset’s useful life, in its residual value or in the pattern of consumption of the future economic benefits embodied in the asset, are accounted for prospectively.

Assets to be handed over for no consideration are depreciated over the shorter term between the duration of the concession or the asset’s useful life.

Replacement costs of identifiable parts in complex assets are capitalised and depreciated over their useful life; the residual carrying amount of the part that has been substituted is charged to the profit and loss account. Non-removable leasehold improvements are depreciated over the earlier of the useful life of the improvements and the lease term. Expenditures for ordinary maintenance and repairs are recognised as an expense as incurred.

The carrying amount of property, plant and equipment is derecognised on disposal or when no future economic benefits are expected from its use or disposal; the arising gain or loss is recognised in the profit and loss account.

Leases^{13 14}

A contract is, or contains, a lease, if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration¹⁵; such right exists whether, throughout the period of use, the customer has both the right to obtain substantially all of the economic benefits from use of the identified asset and the right to direct the use of the identified asset.

At the commencement date of the lease (i.e. the date on which the underlying asset is available for use), a lessee recognises on the balance sheet an asset representing its right to use the underlying leased asset (hereinafter also referred as right-of-use asset) and a liability representing its obligation to make lease payments during the lease term (hereinafter also referred as lease liability).¹⁶ The lease term is the non-cancellable period of a contract, together with, if reasonably certain, periods covered by extension options or by the non-exercise of termination options.

In particular, the lease liability is initially recognised at the present value of the following lease payments¹⁷ that are not paid at the commencement date: (i) fixed payments (including in-substance fixed payments), less any lease incentives receivable; (ii) variable lease payments that depend on an index or a rate¹⁸; (iii) amounts expected to be payable by the lessee under residual value guarantees; (iv) the exercise price of a purchase option if the lessee is reasonably certain to exercise that option; and (v) payments of penalties for terminating the lease, if the lease term reflects the lessee exercising an option to terminate the lease. The lease payments are discounted using the interest rate implicit in the lease or, if that rate cannot be readily determined, the lessee’s incremental borrowing rate. The latter is determined considering the term of the lease, the frequency and currency of the contractual lease payments, as well as the features of the lessee’s economic environment (reflected in the country risk premium assigned to each country where Eni operates).

After the initial recognition, the lease liability is measured on an amortised cost basis and is remeasured, normally, as an adjustment to the carrying amount of the related right-of-use asset, to reflect changes to the lease payments due, essentially, to: (i) modifications in the lease contract not accounted as a separate lease; (ii) changes in indexes or rates (used to determine the variable lease payments); or (iii) changes in the assessment of contractual options (e.g. options to purchase the underlying asset, extension or termination options).

The right-of-use asset is initially measured at cost, which comprises: (i) the amount of the initial measurement of the lease liability; (ii) any initial direct costs incurred by the lessee¹⁹; (iii) any lease payments made at or before the commencement date, less any lease incentives received; and (iv) an estimate of costs to be incurred by the lessee in dismantling and removing the underlying asset, restoring the site on which it is located or restoring the underlying asset to the condition required by the terms and conditions of the lease. After the initial recognition, the right-of-use asset is adjusted for any accumulated depreciation²⁰, any accumulated impairment losses (see the accounting policy for “Impairment of non-financial assets”) and any remeasurement of the lease liability.

The depreciation charges of the right-of-use asset and the interest expenses on the lease liability directly attributable to the construction of an asset are capitalised as part of the cost of such asset and subsequently recognised in the profit and loss account through depreciation/impairments or write-off, mainly in the case of exploration assets.

In the oil and gas activities, the operator of an unincorporated joint operation which enters into a lease contract as the sole signatory recognises on the balance sheet: (i) the entire lease liability if, based on the contractual provisions and any other relevant facts and circumstances, it has primary responsibility for the liability towards the third-party supplier; and (ii) the entire right-of-use asset, unless, on the basis of the terms and conditions of the contract, there is a sublease with the followers.

The followers’ share of the right-of-use asset, recognised by the operator, will be recovered according to the joint operation’s contractual arrangements by billing the project costs attributable to the followers and collecting the related cash calls. Costs recovered from the followers are recognised as “Other income and revenues” in the profit and loss account and as net cash provided by operating activities in the statement of cash flows.

Differently, if a lease contract is signed by all the partners, Eni recognises its share of the right-of-use asset and lease liability on the balance sheet based on its working interest.

If Eni does not have primary responsibility for the lease liability, it does not recognise any right-of-use asset and lease liability related to the lease contract.

When lease contracts are entered into by companies other than subsidiaries that act as operators on behalf of the other participating companies (the so-called operating companies), consistent with the provision to recover from the followers the costs related to the oil and gas activities, the participating companies recognise their share of the right-of-use assets and the lease liabilities based on their working interest, defined according to the expected use, to the extent that it is reliably determinable, of the underlying assets.

Significant accounting estimates and judgements: lease transactions

With reference to lease contracts, management makes significant estimates and judgements related to: (i) determining the lease term, making assumptions about the exercise of extension and/or termination options; (ii) determining the lessee’s incremental borrowing rate; (iii) identifying and, where appropriate, separating non-lease components from lease components, where an observable stand-alone price is not readily available, taking into account also the analysis performed with external experts; (iv) recognising lease contracts, for which the underlying assets are used in oil and gas activities (mainly drilling rigs and FPSOs), entered into as operator within an unincorporated joint operation, considering if the operator has primary responsibility for the liability towards the third-party supplier and the relationships with the followers; (v) identifying the variable lease payments and the related characteristics in order to include them in the measurement of the lease liability.

¹³ The accounting policies related to leases have been defined on the basis of IFRS 16 “Leases” effective from January 1, 2019. As allowed by the accounting standard, the new requirements have been applied without restating the comparative years. The previous accounting policies about leases required essentially that: (i) assets held under finance lease, or under arrangements that did not take the legal form of a finance lease but substantially transferred all the risks and rewards incidental to ownership of the leased asset, were recognised, at the commencement of the lease, at their fair value, net of grants attributable to the lessee or, if lower, at the present value of the minimum lease payments, within property, plant and equipment as a contra account to a financing payable to the lessor; and (ii) lease payments under an operating lease were recognised as an expense over the lease term.

¹⁴ As expressly provided for in IFRS 16, this accounting policy does not apply to leases to explore for and extract resources such as those for oil and gas rights, leases of land and any rights of way related to oil and gas activities.

¹⁵ The assessment of whether the contract is, or contains, a lease is performed at the inception date, that is the earlier of the date of a lease agreement and the date of commitment by the parties to the principal terms and conditions of the lease.

¹⁶ Eni applies the recognition exemptions allowed for short-term leases (for certain classes of underlying assets) and low-value leases, by recognising the lease payments associated with those leases as an expense on a straight-line basis over the lease term.

¹⁷ Eni, in accordance with the practical expedient allowed by the accounting standard, does not separate non-lease components from lease components except for main contracts related to upstream activities (drilling rigs), which provide for single payments relating to both lease and non-lease components.

¹⁸ Conversely, the other kinds of variable lease payments (e.g. payments that depend on the use of an underlying leased asset) are not included in the carrying amount of the lease liability, but are recognised in the profit and loss account as operating expenses over the lease term.

¹⁹ Initial direct costs are incremental costs of obtaining a lease that would not have been incurred if the lease had not been obtained.

²⁰ Depreciation charges are recognised on a systematic basis from the commencement date to the earlier of the end of the useful life of the right-of-use asset or the end of the lease term. Nevertheless, if the lease transfers ownership of the underlying asset to the lessee by the end of the lease term, or if the cost of the right-of-use asset reflects that the lessee will exercise a purchase option, the right-of-use asset is depreciated from the commencement date to the end of the useful life of the underlying asset.

Intangible assets

Intangible assets are identifiable non-monetary assets without physical substance, controlled by the Company and able to produce future economic benefits, and goodwill. An asset is classified as intangible when management is able to distinguish it clearly from goodwill.

Intangible assets are initially recognised at cost as determined by the criteria used for tangible assets and they are not revalued for financial reporting purposes.

Intangible assets with finite useful lives are amortised on a systematic basis over their useful life; the amount to be amortised and the recoverability of the carrying amount are determined in accordance with the criteria described in the accounting policy for “Property, plant and equipment”.

Goodwill and intangible assets with indefinite useful lives are not amortised. For the recoverability of the carrying amounts of the goodwill and other intangible assets see the accounting policy “Impairment of non-financial assets”.

Costs of obtaining a contract with a customer are recognised on the balance sheet if the Company expects to recover those costs. The intangible asset arising from those costs is amortised on a systematic basis, that is consistent with the transfer to the customer of the goods or services to which the asset relates, and is tested for impairment.

Costs of technological development activities are capitalised when: (i) the cost attributable to the development activity can be measured reliably; (ii) there is the intention and the availability of financial and technical resources to make the asset available for use or sale; and (iii) it can be demonstrated that the asset is able to generate probable future economic benefits.

The carrying amount of intangible assets is derecognised on disposal or when no future economic benefits are expected from its use or disposal; any resulting gain or loss is recognised in the profit and loss account.

Impairment of non-financial assets

Non-financial assets (tangible assets, intangible assets and right-of-use assets) are tested for impairment whenever events or changes in circumstances indicate that the carrying amounts for those assets may not be recoverable.

The recoverability assessment is performed for each cash-generating unit (hereinafter also CGU) represented by the smallest identifiable group of assets that generate cash inflows that are largely independent of the cash inflows from other assets or group of assets.

Cash-generating units may include corporate assets which do not generate cash inflows independently of other assets or group of assets, allocable on a reasonable and consistent basis. Corporate assets not attributable to a single cash-generating unit are allocated to a group of cash-generating units. Goodwill is tested for impairment at least annually, and whenever there is any indication of impairment, at the lowest level within the entity at which it is monitored for internal management purposes. Right-of-use assets, which generally do not generate cash inflows independently of other assets or groups of assets, are allocated to the CGU to which they belong; the right-of-use assets which cannot be fully attributed to a CGU are considered as corporate assets. The recoverability of the carrying amount of common facilities within the E&P segment is assessed by considering the set of recoverable amounts of the CGUs benefiting from the common facility.

The recoverability of a CGU is assessed by comparing its carrying amount with the recoverable amount, which is the higher of the CGU’s fair value less costs of disposal and its value in use. Value in use is the present value of the future cash flows expected to be derived from continuing use of the CGU and, if significant and reliably measurable, the cash flows expected to be obtained from its disposal at the end of its useful life, after deducting the costs of disposal. The expected cash flows are determined on the basis of reasonable and supportable assumptions that represent management’s best estimate of the range of economic conditions that will exist over the remaining useful life of the cash-generating unit, giving greater weight to external evidence.

The value in use of CGUs which include material right-of-use assets is calculated, normally, by ignoring lease payments included in the measurement of the lease liabilities.

With reference to commodity prices, management uses the price scenario adopted for economic and financial projections and for the evaluation of investments over their entire life. In particular, for the cash flows associated with oil, natural gas and petroleum products prices (and prices derived from them), the price scenario is approved by the Board of Directors and is based on management’s planning assumptions, in the short and medium term, takes into account the projections of market analysts and, if there is a sufficient liquidity and reliability level, on the forward prices prevailing in the marketplace.

For impairment test purposes, cash outflows expected to be incurred to guarantee compliance with laws and regulations regarding CO₂ emissions (e.g. Emission Trading Scheme) or on a voluntary basis (e.g. cash outflows related to forestry certificates acquired or produced consistent with the Company’s decarbonization strategy – hereinafter also forestry) are taken into account.

In particular, in estimating value in use, the cash outflows for forestry projects²¹ are included, consistent with the targets of the decarbonization strategy, within the expected operating cash outflows; in this regard, considering that the forestry projects can be developed in countries where Eni does not carry out operating activities and given the difficulty to allocate such cash outflows, on a reasonable and consistent basis, to CGUs of the relevant segment, the related discounted cash outflows are treated as a reduction of the headroom of that specific segment.

For the determination of value in use, the estimated future cash flows are discounted using a rate that reflects a current market assessment of the time value of money and of the risks specific to the asset that are not reflected in the estimated future cash flows. In particular, the discount rate used is the Weighted Average Cost of Capital (WACC) adjusted for the specific country risk of the CGU. These adjustments are measured considering information from external parties. WACC differs considering the risk associated with each operating segment/business where the asset operates. In particular, for the assets belonging to the Global Gas & LNG Portfolio (GGP) segment, the Chemical business and each business within the Eni gas e luce, Power & Renewables segment, taking into account their different risk compared to Eni as a whole, specific WACC rates have been defined on the basis of a sample of comparable companies, adjusted to take into account the specific country-risk premium. For the other segments/businesses, a single WACC is used considering that the risk is the same to that of Eni as a whole. Value in use is calculated net of the tax effect as this method results in values similar to those resulting from discounting pre-tax cash flows at a pre-tax discount rate derived, through an iteration process, from a post-tax valuation.

When the carrying amount of the CGU, including goodwill allocated thereto, determined taking into account any impairment loss of the non-current assets belonging to the CGU, exceeds its recoverable amount, the excess is recognised as an impairment loss. The impairment loss is allocated first to reduce the carrying amount of goodwill; any remaining excess is allocated to the other assets of the unit pro-rata on the basis of the carrying amount of each asset in the CGU, up to the recoverable amount of assets with finite useful lives.

When an impairment loss no longer exists or has decreased, a reversal of the impairment loss is recognised in the profit and loss account. The impairment reversal shall not exceed the carrying amount that would have been determined, net of depreciation, had no impairment loss been recognised for the asset in prior years. An impairment loss recognised for goodwill is not reversed in a subsequent period.²²

²¹ For the recognition criteria of forestry certificates see the accounting policy for “Costs”.

²² Impairment losses recognised for goodwill in an interim period are not reversed also when, considering conditions existing in a subsequent interim period, they would have been recognised in a smaller amount or would not have been recognised.

Grants related to assets

Government grants related to assets are recognised by deducting them in calculating the carrying amount of the related assets when there is reasonable assurance that the Company will comply with the conditions attaching to them and the grants will be received.

Inventories

Inventories, including compulsory stock, are measured at the lower of purchase or production cost and net realisable value. Net realisable value is the estimated selling price in the ordinary course of business less the estimated costs of completion and the estimated costs necessary to make the sale, or, with reference to inventories of crude oil and petroleum products already included in binding sale contracts, the contractual selling price. Inventories which are principally acquired with the purpose of selling in the near future and generating a profit from fluctuations in price are measured at fair value less costs to sell and any subsequent changes in fair value are recognised in the profit and loss account. Materials and other supplies held for use in production are not written down below cost if the finished products in which they will be incorporated are expected to be sold at or above cost.

The cost of inventories of hydrocarbons (crude oil, condensates and natural gas) and petroleum products is determined by applying the weighted average cost method on a three-month basis, or on a different time period (e.g. monthly), when it is justified by the use and the turnover of inventories of crude oil and petroleum products; the cost of inventories of the Chemical business is determined by applying the weighted average cost on an annual basis.

When take-or-pay clauses are included in long-term gas purchase contracts, pre-paid gas volumes that are not withdrawn to fulfill minimum annual take obligations are measured using the pricing formulas contractually defined. They are recognised under “Other assets” as “Deferred costs”, as a contra to “Trade and other payables” or, after settlement, to “Cash and cash equivalents”. The allocated deferred costs are charged to the profit and loss account: (i) when natural gas is actually withdrawn — the related cost is included in the determination of the weighted average cost of inventories; and (ii) for the portion which is not recoverable, when it is not possible to withdraw the previously pre-paid gas, within the contractually defined deadlines. Furthermore, the allocated deferred costs are tested for economic recoverability by comparing the related carrying amount and their net realisable value, determined adopting the same criteria described for inventories.

Significant accounting estimates and judgements: impairment of non-financial assets

The recoverability of non-financial assets is assessed whenever events or changes in circumstances indicate that carrying amounts of the assets are not recoverable. Such impairment indicators include changes in the Group’s business plans, changes in commodity prices leading to unprofitable performance, a reduced capacity utilisation of plants and, for oil and gas properties, significant downward revisions of estimated proved reserve quantities or significant increase of the estimated development and production costs. Determination as to whether and how much an asset is impaired involves management estimates on highly uncertain and complex matters such as future commodity prices, future discount rates, future development expenditure and production costs, the effects of inflation and technology improvements on operating expenses, production profiles and the outlook for global or regional market supply-and-demand conditions also with reference to the decarbonization process and the effects of changes in regulatory requirements. The definition of CGUs and the identification of their appropriate grouping for the purpose of testing for impairment the carrying amount of goodwill, corporate assets as well as common facilities within the E&P segment, require judgement by management. In particular, CGUs are identified considering, inter alia, how management monitors the entity’s operations (such as by business lines) or how management makes decisions about continuing or disposing of the entity’s assets and operations.

Similar remarks are valid for assessing the physical recoverability of assets recognised on the balance sheet (deferred costs — see also the accounting policy for “Inventories”) related to natural gas volumes not withdrawn under long-term supply contracts with take-or-pay clauses.

The expected future cash flows used for impairment analyses are based on judgemental assessments of future production volumes, prices and costs, considering available information at the date of review and are discounted by using a rate which considers the risks specific to the asset.

For oil and natural gas properties, the expected future cash flows are estimated principally based on developed and undeveloped proved reserves including, among other elements, production taxes and the costs to be incurred for the reserves yet to be developed. When appropriate according to facts and circumstances management’s estimate could also include risk-adjusted unproved reserves. The estimate of the future amount of production is based on assumptions related to future commodity prices, lifting and development costs, field decline rates, market demand and other factors. The cash flows associated to oil and gas commodities are estimated on the basis of forward market information, if there is a sufficient liquidity and reliability level, on the consensus of independent specialised analysts and on management’s forecasts about the evolution of the supply and demand fundamentals.

More details on the main assumptions underlying the determination of the recoverable amount of tangible, intangible and right-of-use assets are set out in note 14 – Impairment review of tangible and intangible assets and right-of-use assets.

Financial instruments

Financial assets

Financial assets are classified, on the basis of both contractual cash flow characteristics and the entity’s business model for managing them, in the following categories: (i) financial assets measured at amortised cost; (ii) financial assets measured at fair value through other comprehensive income (hereinafter also OCI); (iii) financial assets measured at fair value through profit or loss.

At initial recognition, a financial asset is measured at its fair value plus, in the case of a financial asset not at fair value through profit or loss, transaction costs that are directly attributable; at initial recognition, trade receivables that do not have a significant financing component are measured at their transaction price.

After initial recognition, financial assets whose contractual terms give rise to cash flows that are solely payments of principal and interest on the principal amount outstanding are measured at amortised cost if they are held within a business model whose objective is to hold financial assets in order to collect contractual cash flows (the so-called hold to collect business model). For financial assets measured at amortised cost, interest income determined using the effective interest rate, foreign exchange differences and any impairment losses²³ (see the accounting policy for “Impairment of financial assets”) are recognised in the profit and loss account.

Conversely, financial assets that are debt instruments are measured at fair value through OCI (hereinafter also FVTOCI) if they are held within a business model whose objective is achieved by both collecting contractual cash flows and selling financial assets (the so-called hold to collect and sell business model). In these cases: (i) interest income determined using the effective interest rate, foreign exchange differences and any impairment losses (see the accounting policy for “Impairment of financial assets”) are recognised in the profit and loss account; (ii) changes in fair value of the instruments are recognised in equity, within other comprehensive income. The accumulated changes in fair value, recognised in the equity reserve related to other comprehensive income, is reclassified to the profit and loss account when the financial asset is derecognised. Currently the Group does not have any financial assets measured at fair value through OCI.

A financial asset represented by a debt instrument that is neither measured at amortised cost nor at FVTOCI, is measured at fair value through profit or loss (hereinafter FVTPL); financial assets held for trading fall into this category. Interest income on assets held for trading contributes to the fair value measurement of the instrument and is recognised in “Finance income (expense)”, within “Net finance income (expense) from financial assets held for trading”.

When the purchase or sale of a financial asset is under a contract whose terms require delivery of the asset within the time frame established generally by regulation or convention in the marketplace concerned, the transaction is accounted for on the settlement date.

Cash and cash equivalents

Cash and cash equivalents include cash on hand, demand deposits, as well as financial assets originally due, generally, up to three months, readily convertible to known amount of cash and subject to an insignificant risk of changes in value.

Impairment of financial assets

The expected credit loss model is adopted for the impairment of financial assets that are debt instruments, but are not measured at FVTPL.²⁴

In particular, the expected credit losses are generally measured by multiplying: (i) the exposure to the counterparty’s credit risk net of any collateral held and other credit enhancements (Exposure At Default, EAD); (ii) the probability that the default of the counterparty occurs (Probability of Default, PD); and (iii) the percentage estimate of the exposure that will not be recovered in case of default (Loss Given Default, LGD), considering the past experiences and the range of recovery tools that can be activated (e.g. extrajudicial and/or legal proceedings, etc.).

With reference to trade and other receivables, Probabilities of Default of counterparties are determined by adopting the internal credit ratings already used for credit worthiness and are periodically reviewed using, inter alia, back-testing analyses; for government entities (e.g. National Oil Companies), the Probability of Default, represented essentially by the probability of a delayed payment, is determined by using, as input data, the country risk premium adopted to determine WACC for the impairment review of non-financial assets.

For customers without internal credit ratings, the expected credit losses are measured by using a provision matrix, defined by grouping, where appropriate, receivables into adequate clusters to which apply expected loss rates defined on the basis of their historical credit loss experiences, adjusted, where appropriate, to take into account forward-looking information on credit risk of the counterparty or clusters of counterparties.²⁵

Considering the characteristics of the reference markets, financial assets with more than 180 days past due or, in any case, with counterparties undergoing litigation, restructuring or renegotiation, are considered to be in default. Counterparties are considered undergoing litigation when judicial/legal proceedings aimed to recover a receivable have been activated or are going to be activated. Impairment losses of trade and other receivables are recognised in the profit and loss account, net of any impairment reversal, within the line item of the profit and loss account “Net (impairment losses) reversals of trade and other receivables”.

The financing receivables held for operating purposes, granted to associates and joint ventures, for which settlement is neither planned nor likely to occur in the foreseeable future and which in substance form part of the entity’s net investment in these investees, are tested for impairment, first, on the basis of the expected credit loss model and, then, together with the carrying amount of the investment in the associate/joint venture, in accordance with the criteria indicated in the accounting policy for “The equity method of accounting”. In applying the expected credit loss model, any adjustments to the carrying amount of long-term interest that arise from applying the accounting policy for “The equity method of accounting” are not taken into account.

Significant accounting estimates and judgements: impairment of financial assets

Measuring impairment losses of financial assets requires management evaluation of complex and highly uncertain elements such as, for example, Probabilities of Default of counterparties, the

assessment of any collateral or other credit enhancements, the expected exposure that will not be recovered in case of default, as well as the definition of customers' clusters to be adopted.

Further details on the main assumptions underlying the measurement of expected credit losses of financial assets are provided in note 7 – Trade and other receivables.

Investments in equity instruments

Investments in equity instruments that are not held for trading are measured at fair value through other comprehensive income, without subsequent transfer of fair value changes to profit or loss on derecognition of these investments; conversely, dividends from these investments are recognised in the profit and loss account, within the line item “Income (Expense) from investments”, unless they clearly represent a recovery of part of the cost of the investment. In limited circumstances, an investment in equity instruments can be measured at cost if it is an appropriate estimate of fair value.

Financial liabilities

At initial recognition, financial liabilities, other than derivative financial instruments, are measured at their fair value, minus transaction costs that are directly attributable, and are subsequently measured at amortised cost.

²³ Receivables and other financial assets measured at amortised cost are presented on the balance sheet net of their loss allowance.

²⁴ The expected credit loss model is also adopted for issued financial guarantee contracts not measured at FVTPL. Expected credit losses recognised on issued financial guarantees are not material.

²⁵ For credit exposures arising from intragroup transactions, the recovery rate is normally assumed equal to 100% taking into account, inter alia, the Group central treasury function which supports both financial and capital needs of subsidiaries.

Derivative financial instruments and hedge accounting

Derivative financial instruments, including embedded derivatives (see below) that are separated from the host contract, are assets and liabilities measured at their fair value.

With reference to the defined risk management objectives and strategy, the qualifying criteria for hedge accounting requires: (i) the existence of an economic relationship between the hedged item and the hedging instrument in order to offset the related value changes and the effects of counterparty credit risk do not dominate the economic relationship between the hedged item and the hedging instrument; and (ii) the definition of the relationship between the quantity of the hedged item and the quantity of the hedging instrument (the so-called hedge ratio) consistent with the entity’s risk management objectives, under a defined risk management strategy; the hedge ratio is adjusted, where appropriate, after taking into account any adequate rebalancing. A hedging relationship is discontinued prospectively, in its entirety or a part of it, when it no longer meets the risk management objectives on the basis of which it qualified for hedge accounting, it ceases to meet the other qualifying criteria or after rebalancing it.

When derivatives hedge the risk of changes in the fair value of the hedged items (fair value hedge, e.g. hedging of the variability in the fair value of fixed interest rate assets/liabilities), the derivatives are measured at fair value through profit and loss account. Consistently, the carrying amount of the hedged item is adjusted to reflect, in the profit and loss account, the changes in fair value of the hedged item attributable to the hedged risk; this applies even if the hedged item should be otherwise measured.

When derivatives hedge the exposure to variability in cash flows of the hedged items (cash flow hedge, e.g. hedging the variability in the cash flows of assets/liabilities as a result of the fluctuations of exchange rate), the effective changes in the fair value of the derivatives are initially recognised in the equity reserve related to other comprehensive income and then reclassified to the profit and loss account in the same period during which the hedged transaction affects the profit and loss account.

If a hedged forecast transaction subsequently results in the recognition of a non-financial asset or a non-financial liability, the accumulated changes in fair value of hedging derivatives, recognised in equity, are included directly in the carrying amount of the hedged non-financial asset/liability (commonly referred to as a “basis adjustment”).

The changes in the fair value of derivatives that are not designated as hedging instruments, including any ineffective portion of changes in fair value of hedging derivatives, are recognised in the profit and loss account. In particular, the changes in the fair value of non-hedging derivatives on interest rates and exchange rates are recognised in the profit and loss account line item “Finance income (expense)”; conversely, the changes in the fair value of non-hedging derivatives on commodities are recognised in the profit and loss account line item “Other operating (expense) income”. Derivatives embedded in financial assets are not accounted for separately; in such circumstances, the entire hybrid instrument is classified depending on the contractual cash flow characteristics of the financial instrument and the business model for managing it (see the accounting policy for “Financial assets”). Derivatives embedded in financial liabilities and/or non-financial assets are separated if: (i) the economic characteristics and risks of the embedded derivative are not closely related to the economic characteristics and risks of the host contract; (ii) a separate instrument with the same terms as the embedded derivative would meet the definition of a derivative; and (iii) the entire hybrid contract is not measured at FVTPL.

Eni assesses the existence of embedded derivatives to be separated when it becomes party to the contract and, afterwards, when a change in the terms of the contract that modifies its cash flows occurs.

Contracts to buy or sell commodities entered into and continued to be held for the purpose of their receipt or delivery in accordance with the Group’s expected purchase, sale or usage requirements are recognised on an accrual basis (the so-called normal sale and normal purchase exemption or own use exemption).

Offsetting of financial assets and liabilities

Financial assets and liabilities are set off on the balance sheet if the Group currently has a legally enforceable right to set off and intends to settle on a net basis (or to realise the asset and settle the liability simultaneously).

Derecognition of financial assets and liabilities

Transferred financial assets are derecognised when the contractual rights to receive the cash flows from the financial assets expire or are transferred to another party. Financial liabilities are derecognised when they are extinguished, or when the obligation specified in the contract is discharged, cancelled or expired.

Provisions, contingent liabilities and contingent assets

A provision is a liability of uncertain timing or amount on the balance sheet date. Provisions are recognised when: (i) there is a present obligation, legal or constructive, as a result of a past event; (ii) it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation; and (iii) the amount of the obligation can be reliably estimated. The amount recognised as a provision is the best estimate of the expenditure required to settle the present obligation or to transfer it to third parties at the balance sheet date. The amount recognised for onerous contracts is the lower of the cost necessary to fulfill the obligations, net of expected economic benefits deriving from the contracts, and any compensation or penalties arising from failure to fulfill these obligations. Where the effect of the time value is material, and the payment date of the obligations can be reasonably estimated, provisions to be accrued are the present value of the expenditures expected to be required to settle the obligation at a discount rate that reflects the Company’s average borrowing rate taking into account the risks associated with the obligation. The change in provisions due to the passage of time is recognised within “Finance income (expense)”.

A provision for restructuring costs is recognised only when the Company has a detailed formal plan for the restructuring and has raised a valid expectation in the affected parties that it will carry out the restructuring.

Provisions are periodically reviewed and adjusted to reflect changes in the estimates of costs, timing and discount rates. Changes in provisions are recognised in the same profit and loss account line item where the original provision was charged.

Contingent liabilities are: (i) possible obligations arising from past events, whose existence will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the Company; or (ii) present obligations arising from past events, whose amount cannot be reliably measured or whose settlement will probably not result in an outflow of resources embodying economic benefits. Contingent liabilities are not recognised in the financial statements, but are disclosed.

Contingent assets, that are possible assets arising from past events and whose existence will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the Company, are not recognised in financial statements unless the realisation of economic benefits is virtually certain. Contingent assets are disclosed when an inflow of economic benefits is probable. Contingent assets are assessed periodically to ensure that developments are appropriately reflected in the financial statements.

Decommissioning and restoration liabilities

Liabilities for decommissioning and restoration costs are recognized, together with a corresponding amount as part of the related property, plant and equipment, when the Group has a legal or constructive obligation and when a reliable estimate can be made.

Considering the long time span between the recognition of the obligation and its settlement, the amount recognised is the present value of the future expenditures expected to be required to settle the obligation. Any change due to the unwinding of discount on provisions is recognised within “Finance income (expense)”.

Such liabilities are reviewed regularly to take into account the changes in the expected costs to be incurred, contractual obligations, regulatory requirements and practices in force in the countries where the tangible assets are located.

The effects of any changes in the estimate of the liability are recognised generally as an adjustment to the carrying amount of the related property, plant and equipment; however, if the resulting decrease in the liability exceeds the carrying amount of the related asset, the excess is recognised in the profit and loss account.

Analogous approach is adopted for present obligations to realise social projects related to operating activities carried out by the Company.

Significant accounting estimates and judgements: decommissioning and restoration liabilities, environmental liabilities and other provisions

The Group holds provisions for dismantling and removing items of property, plant and equipment, and restoring land or seabed at the end of the oil and gas production activity. Estimating obligations to dismantle, remove and restore items of property, plant and equipment is complex. It requires management to make estimates and judgements with respect to removal obligations that will come to term many years into the future and contracts and regulations are often unclear as to what constitutes removal. In addition, the ultimate financial impact of environmental laws and regulations is not always clearly known as asset removal technologies and costs constantly evolve in the countries where Eni operates, as do political, environmental, safety and public expectations.

The discount rate used to determine the provision and the timing of future cash outflows, as well as any related update, are based on complex managerial judgements.

Decommissioning and restoration provisions, recognised in the financial statements, include, essentially, the present value of the expected costs for decommissioning oil and natural gas facilities

at the end of the economic lives of fields, well-plugging, abandonment and site restoration of the Exploration & Production segment. Any decommissioning and restoration provisions associated with the other segments' assets are generally not recognised, as the obligations, given their indeterminate settlement dates, also considering the strategy to reconvert plants in order to produce low carbon products, cannot be reliably measured. In this regard, Eni performs periodic reviews for any changes in facts and circumstances that might require recognition of a decommissioning and restoration provision.

As other oil and gas companies, Eni is subject to numerous EU, national, regional and local environmental laws and regulations concerning its oil and gas operations, production and other activities. They include legislations that implement international conventions or protocols. Environmental liabilities are recognised when it becomes probable that an outflow of resources will be required to settle the obligation and such obligation can be reliably estimated.²⁶

Management, considering the actions already taken, insurance policies obtained to cover environmental risks and provisions already recognised, does not expect any material adverse effect on Eni's consolidated results of operations and financial position as a result of such laws and regulations. However, there can be no assurance that there will not be a material adverse impact on Eni's consolidated results of operations and financial position due to: (i) the possibility of an unknown contamination; (ii) the results of the ongoing surveys and other possible effects of statements required by applicable laws; (iii) the possible effects of future environmental legislations and rules; (iv) the effects of possible technological changes relating to future remediation; and (v) the possibility of litigation and the difficulty of determining Eni's liability, if any, against other potentially responsible parties with respect to such litigations and the possible reimbursements.

In addition to environmental and decommissioning and restoration liabilities, Eni recognises provisions primarily related to legal and trade proceedings. These provisions are estimated on the basis of complex managerial judgements related to the amounts to be recognised and the timing of future cash outflows. After the initial recognition, provisions are periodically reviewed and adjusted to reflect the current best estimate.

²⁶ With reference to the environmental liabilities assumed, the expected operating costs to be incurred for managing groundwater treatment plants are not included in the estimates of environmental liabilities because it is not possible to reliably define a time horizon within which the operations of the plant will be terminated. In this regard, Eni performs periodic reviews for any changes in facts and circumstances, including changes in regulatory framework and technology, that might require the recognition of the environmental liability.

Employee benefits

Employee benefits are considerations given by the Group in exchange for service rendered by employees or for the termination of employment.

Post-employment benefit plans, including informal arrangements, are classified as either defined contribution plans or defined benefit plans depending on the economic substance of the plan as derived from its principal terms and conditions. Under defined contribution plans, the Company's obligation, which consists in making payments to the State or to a trust or a fund, is determined on the basis of contributions due.

The liabilities related to defined benefit plans, net of any plan assets, are determined on the basis of actuarial assumptions and charged on an accrual basis during the employment period required to obtain the benefits.

Net interest includes the return on plan assets and the interest cost to be recognised in the profit and loss account. Net interest is measured by applying to the liability, net of any plan assets, the discount rate used to calculate the present value of the liability; net interest of defined benefit plans is recognised in "Finance income (expense)".

Remeasurements of the net defined benefit liability, comprising actuarial gains and losses, resulting from changes in the actuarial assumptions used or from changes arising from experience adjustments, and the return on plan assets excluding amounts included in net interest, are recognised within the statement of comprehensive income. Remeasurements of the net defined benefit liability, recognised within other comprehensive income, are not reclassified subsequently to the profit and loss account.

Obligations for long-term benefits are determined by adopting actuarial assumptions. The effects of remeasurements are taken to profit and loss account in their entirety.

Share-based payments

The line item "Payroll and related costs" includes the cost of the share-based incentive plan, consistent with its actual remunerative nature. The cost of the share-based incentive plan is measured by reference to the fair value of the equity instruments granted and the estimate of the number of shares that eventually vest; the cost is recognised on an accrual basis pro rata temporis over the vesting period, that is the period between the grant date and the settlement date. The fair value of the shares underlying the incentive plan is measured at the grant date, taking into account the estimate of achievement of market conditions (e.g. Total Shareholder Return), and is not adjusted in subsequent periods; when the achievement is linked also to non-market conditions, the number of shares expected to vest is adjusted during the vesting period to reflect the updated estimate of these conditions. If, at the end of the vesting period, the incentive plan does not vest because of failure to satisfy the performance conditions, the portion of cost related to market conditions is not reversed to the profit and loss account.

Significant accounting estimates and judgements: employee benefits and share-based payments

Defined benefit plans are evaluated with reference to uncertain events and based upon actuarial assumptions including, among others, discount rates, expected rates of salary increases, mortality rates, estimated retirement dates and medical cost trends. The significant assumptions used to account for defined benefit plans are determined as follows: (i) discount and inflation rates are based on the market yields on high quality corporate bonds (or, in the absence of a deep market of these bonds, on the market yields on government bonds) and on the expected inflation rates in the reference

currency area; (ii) the future salary levels of the individual employees are determined including an estimate of future changes attributed to general price levels (consistent with inflation rate assumptions), productivity, seniority and promotion; (iii) healthcare cost trend assumptions reflect an estimate of the actual future changes in the cost of the healthcare related benefits provided to the plan participants and are based on past and current healthcare cost trends, including healthcare inflation, changes in healthcare utilisation, changes in health status of the participants and the contributions paid to health funds; and (iv) demographic assumptions such as mortality, disability and turnover reflect the best estimate of these future events for individual employees involved.

Differences in the amount of the net defined benefit liability (asset), deriving from the remeasurements, comprising, among others, changes in the current actuarial assumptions, differences in the previous actuarial assumptions and what has actually occurred and differences in the return on plan assets, excluding amounts included in net interest, usually occur. Similar to the approach followed for the fair value measurement of financial instruments, the fair value of the shares underlying the incentive plans is measured by using complex valuation techniques and identifying, through structured judgements, the assumptions to be adopted.

Equity instruments

Treasury shares

Treasury shares, including shares held to meet the future requirements of the share-based incentive plans, are recognised as deductions from equity at cost. Any gain or loss resulting from subsequent sales is recognised in equity.

Hybrid bonds

The perpetual subordinated hybrid bonds are classified in the financial statements as equity instruments considering that the issuer has the unconditional right to defer, until the date of its own liquidation, the repayment of the principal amount and the payment of accrued interest²⁷. Therefore, the issuer recognises the cash received from the bondholders, net of costs incurred in issuing the hybrid bonds, as an increase in Eni owners' equity; differently, the repayments of the principal amount and the payments of accrued interest (upon the arising of the related contractual payment obligation) are accounted for as a decrease in Eni owners' equity.

²⁷ The payment of accrued interest is required upon the occurrence of events under the issuer's control such as, for example, a distribution of dividends to shareholders.

Revenue from contracts with customers

Revenue from contracts with customers is recognised on the basis of the following five steps: (i) identifying the contract with the customer; (ii) identifying the performance obligations, that are promises in a contract to transfer goods and/or services to a customer; (iii) determining the transaction price; (iv) allocating the transaction price to each performance obligation on the basis of the relative stand-alone selling prices of each good or service; and (v) recognising revenue when (or as) a performance obligation is satisfied, that is when a promised good or service is transferred to a customer. A promised good or service is transferred when (or as) the customer obtains control of it. Control can be transferred over time or at a point in time. With reference to the most important products sold by Eni, revenue is generally recognised for:

crude oil, upon shipment;

natural gas and electricity, upon delivery to the customer;

petroleum products sold to retail distribution networks, upon delivery to the service stations, whereas all other sales of petroleum products are recognised upon shipment; and

chemical products and other products, upon shipment.

Revenue from crude oil and natural gas production from properties in which Eni has an interest together with other producers is recognised on the basis of the quantities actually lifted and sold (sales method); costs are recognised on the basis of the quantities actually sold.

Revenue is measured at the fair value of the consideration to which the Company expects to be entitled in exchange for transferring promised goods and/or services to a customer, excluding amounts collected on behalf of third parties. In determining the transaction price, the promised amount of consideration is adjusted for the effects of the time value of money if the timing of payments agreed to by the parties to the contract provides the customer or the entity with a significant benefit of financing the transfer of goods or services to the customer. The promised amount of consideration is not adjusted for the effect of the significant financing component if, at contract inception, it is expected that the period between the transfer of a promised good or service to a customer and when the customer pays for that good or service will be one year or less. If the consideration promised in a contract includes a variable amount, the Company estimates the amount of consideration to which it will be entitled in exchange for transferring the promised goods and/or services to a customer; in particular, the amount of consideration can vary because of discounts, refunds, incentives, price concessions, performance bonuses, penalties or if the price is contingent on the occurrence or non-occurrence of future events.

If, in a contract, the Company grants a customer the option to acquire additional goods or services for free or at a discount (e.g. sales incentives, customer award points, etc.), this option gives rise to a separate performance obligation in the contract only if the option provides a material right to the customer that it would not receive without entering into that contract.

When goods or services are exchanged for goods or services which are of a similar nature and value, the exchange is not regarded as a transaction which generates revenue.

Significant accounting estimates and judgements: revenue from contracts with customers

Revenue from sales of electricity and gas to retail customers includes the amount accrued for electricity and gas supplied between the date of the last invoiced meter reading (actual or estimated) of volumes consumed and the end of the year. These estimates consider mainly information provided by the grid managers about the volumes allocated among the customers of the secondary distribution network, about the actual and estimated volumes consumed by customers. Therefore, revenue is accrued as a result of a complex estimate based on the volumes distributed and allocated, communicated by third parties, likely to be adjusted, according to applicable regulations, within the fifth year following the one in which they are accrued. Considering the contractual obligations on the supply delivery points, revenue from sales of electricity and gas to retail customers includes costs for transportation and dispatching and in these cases the gross amount of consideration to which the Company is entitled is recognised.

Costs

Costs are recognised when the related goods and services are sold or consumed during the year, when they are allocated on a systematic basis or when their future economic benefits cannot be identified. Costs associated with emission quotas, incurred to meet the compliance requirements (e.g. Emission Trading Scheme) determined on the basis of market prices, are recognised in relation to the amounts of the carbon dioxide emissions that exceed free allowances. Costs related to the purchase of the emission rights that exceed the amount necessary to meet regulatory obligations are recognised as intangible assets. Revenue related to emission quotas is recognised when they are sold. The costs incurred on a voluntary basis for the acquisition or production of forestry certificates, also taking into account the absence of an active market, are recognised in the profit and loss account when incurred.

The costs for the acquisition of new knowledge or discoveries, the study of products or alternative processes, new techniques or models, the planning and construction of prototypes or, in any case, costs incurred for other scientific research activities or technological development, which cannot be capitalised (see also the accounting policy for “Intangible assets”), are included in the profit and loss account when they are incurred.

Exchange differences

Revenues and costs associated with transactions in foreign currencies are translated into the functional currency by applying the exchange rate at the date of the transaction. Monetary assets and liabilities denominated in foreign currencies are translated into the functional currency at the spot exchange rate on the balance sheet date and any resulting exchange differences are included in the profit and loss account within “Finance income (expense)” or, if designated as hedging instruments for the foreign currency risk, in the same line item in which the economic effects of the hedged item are recognised. Non-monetary assets and liabilities denominated in foreign currencies, measured at cost, are not retranslated subsequent to initial recognition. Non-monetary items measured at fair value, recoverable amount or net realisable value are retranslated using the exchange rate at the date when the value is determined.

Dividends

Dividends are recognised when the right to receive payment of the dividend is established.

Dividends and interim dividends to owners are shown as changes in equity when the dividends are declared by, respectively, the shareholders’ meeting and the Board of Directors.

Income taxes

Current income taxes are determined on the basis of estimated taxable profit. Current income tax assets and liabilities are measured at the amount expected to be paid to (recovered from) the taxation authorities, using tax rates and the tax laws that have been enacted or substantively enacted by the end of the reporting period.

Deferred tax assets and liabilities are recognised for temporary differences arising between the carrying amounts of the assets and liabilities and their tax bases, based on tax rates and tax laws that are expected to apply to the period when the asset is realised or the liability is settled, based on tax rates and tax laws that have been enacted or substantively enacted by the end of the reporting period. Deferred tax assets are recognised when their recoverability is considered probable, i.e. when it is probable that sufficient taxable profit will be available in the same year as the reversal of the deductible temporary difference. Similarly, deferred tax assets for the carry-forward of unused tax credits and unused tax losses are recognised to the extent that their recoverability is probable. The carrying amount of the deferred tax assets is reviewed, at least, on an annual basis.

If there is uncertainty over income tax treatments, if the company concludes it is probable that the taxation authority will accept an uncertain tax treatment, it determines the (current and/or deferred) income taxes to be recognised in the financial statements consistent with the tax treatment used or planned to be used in its income tax filings. Conversely, if the company concludes it is not probable that the taxation authority will accept an uncertain tax treatment, the company reflects the effect of uncertainty in determining the (current and/or deferred) income taxes to be recognised in the financial statements.

Relating to the taxable temporary differences associated with investments in subsidiaries and associates, and interests in joint arrangements, the related deferred tax liabilities are not recognised if the investor is able to control the timing of the reversal of the temporary differences and it is probable that the temporary differences will not reverse in the foreseeable future. Deferred tax assets and liabilities are presented within non-current assets and liabilities and are offset at a single entity level if related to off-settable taxes. The balance of the offset, if positive, is recognised in the line item “Deferred tax assets” and, if negative, in the line item “Deferred tax liabilities”. When the results of transactions are recognised in other comprehensive income or directly in equity, the related current and deferred taxes are also recognised in other comprehensive income or directly in equity.

Significant accounting estimates and judgements: income taxes

The computation of income taxes involves the interpretation of applicable tax laws and regulations in many jurisdictions throughout the world. Although Eni aims to maintain a relationship with the taxation authorities characterised by transparency, dialogue and cooperation (e.g. by not using aggressive tax planning and by using, if available, procedures intended to eliminate or reduce tax litigations), there can be no assurance that there will not be a tax litigation with the taxation authorities where the legislation could be open to more than one interpretation. The resolution of tax disputes, through negotiations with relevant taxation authorities or through litigation, could take several years to complete. The estimate of liabilities related to uncertain tax treatments requires complex judgements by management. After the initial recognition, these liabilities are periodically reviewed for any changes in facts and circumstances.

Management makes complex judgements regarding mainly the assessment of the recoverability of deferred tax assets, related both to deductible temporary differences and unused tax losses, which requires estimates and evaluations about the amount and the timing of future taxable profits.

Assets held for sale and discontinued operations

Non-current assets and current and non-current assets included within disposal groups, are classified as held for sale if their carrying amounts will be recovered principally through a sale transaction rather than through their continuing use. This condition is regarded as met only when the sale is highly probable and the asset or the disposal group is available for immediate sale in its present condition. When there is a sale plan involving loss of control of a subsidiary, all the assets and liabilities of that subsidiary are classified as held for sale, regardless of whether a non-controlling interest in its former subsidiary will be retained after the sale.

Non-current assets held for sale, current and non-current assets included within disposal groups that have been classified as held for sale and the liabilities directly associated with them are recognised on the balance sheet separately from other assets and liabilities.

Immediately before the initial classification of a non-current asset and/or a disposal group as held for sale, the non-current asset and/or the assets and liabilities in the disposal group are measured in accordance with applicable IFRSs. Subsequently, non-current assets held for sale are not depreciated or amortised and they are measured at the lower of the fair value less costs to sell and their carrying amount. If an equity-accounted investment, or a portion of that investment meets the criteria to be classified as held for sale, it is no longer accounted for using the equity method and it is measured at the lower of its carrying amount at the date the equity method is discontinued, and its fair value less costs to sell. Any retained portion of the equity-accounted investment that has not been classified as held for sale is accounted for using the equity method until disposal of the portion that is classified as held for sale takes place.

Any difference between the carrying amount of the non-current assets and the fair value less costs to sell is taken to the profit and loss account as an impairment loss; any subsequent reversal is recognised up to the cumulative impairment losses, including those recognised prior to qualification of the asset as held for sale. Non-current assets classified as held for sale and disposal groups are considered a discontinued operation if they, alternatively: (i) represent a separate major line of business or geographical area of operations; (ii) are part of a disposal program of a separate major line of business or geographical area of operations; or (iii) are a subsidiary acquired exclusively with a view to resale. The results of discontinued operations, as well as any gain or loss recognised on the disposal, are indicated in a separate line item of the profit and loss account, net of the related tax effects; the economic figures of discontinued operations are indicated also for prior periods presented in the financial statements.

If events or circumstances occur that no longer allow to classify a non-current asset or a disposal group as held for sale, the non-current asset or the disposal group is reclassified into the original line items of the balance sheet and measured at the lower of: (i) its carrying amount at the date of classification as held for sale adjusted for any depreciation, amortisation, impairment losses and reversals that would have been recognised had the asset or disposal group not been classified as held for sale, and (ii) its recoverable amount at the date of the subsequent decision not to sell.

Fair value measurements

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants (not in a forced liquidation or a distress sale) at the measurement date (exit price). Fair value measurement is based on the market conditions existing at the measurement date and on the assumptions of market participants (market-based measurement). A fair value measurement assumes that the transaction to sell the asset or transfer the liability takes place in the principal market for the asset or liability, or in the absence of a principal market, in the most advantageous market to which the entity has access, independently from the entity’s intention to sell the asset or transfer the liability to be measured.

A fair value measurement of a non-financial asset takes into account a market participant’s ability to generate economic benefits by using the asset in its highest and best use or by selling it to another market participant that would use the asset in its highest and best use. Highest and best use is determined from the perspective of market participants, even if the entity intends a different use; an entity’s current use of a non-financial asset is presumed to be its highest and best use, unless market or other factors suggest that a different use by market participants would maximise the value of the asset.

The fair value of a liability, both financial and non-financial, or of the Company’s own equity instrument, in the absence of a quoted price, is measured from the perspective of a market participant that holds the identical item as an asset at the measurement date. The fair value of financial instruments takes into account the counterparty’s credit risk for a financial asset (Credit Valuation Adjustment, CVA) and the Company’s own credit risk for a financial liability (Debit Valuation Adjustment, DVA).

In the absence of available market quotation, fair value is measured by using valuation techniques that are appropriate in the circumstances, maximising the use of relevant observable inputs and minimising the use of unobservable inputs.

Significant accounting estimates and judgements: fair value

Fair value measurement, although based on the best available information and on the use of appropriate valuation techniques, is inherently uncertain, requires the use of professional judgement and could result in expected values other than the actual ones.

Primary financial statements	12 Months Ended
	Dec. 31, 2020
Primary financial statements	
Primary financial statements	<div><div>2 Primary financial statements</div><div><p>Assets and liabilities on the balance sheet are classified as current and non-current. Items in the profit and loss account are presented by nature. Assets and liabilities are classified as current when: (i) they are expected to be realised/settled in the entity's normal operating cycle or within twelve months after the balance sheet date; (ii) they are cash or cash equivalents unless they are restricted from being exchanged or used to settle a liability for at least twelve months after the balance sheet date; or (iii) they are held primarily for the purpose of trading. Derivative financial instruments held for trading are classified as current, apart from their maturity date. Non hedging derivative financial instruments, which are entered into to manage risk exposures but do not satisfy the formal requirements to be considered as hedging, and hedging derivative financial instruments are classified as current when they are expected to be realised/settled within twelve months after the balance sheet date; on the contrary they are classified as non-current.</p><p>The statement of comprehensive income (loss) shows net profit integrated with income and expenses that are not recognised directly in the profit and loss account according to IFRSs.</p><p>The statement of changes in equity includes the total comprehensive income (loss) for the year, transactions with owners in their capacity as owners and other changes in equity.</p><p>The statement of cash flows is presented using the indirect method, whereby net profit (loss) is adjusted for the effects of non-cash transactions.</p></div></div>

Changes in accounting policies	12 Months Ended
	Dec. 31, 2020
Changes in accounting policies	
Changes in accounting policies	<div><div>3 Changes in accounting policies</div><div>The amendments to IFRSs effective from January 1, 2020 and adopted by Eni, did not have a material impact on the Consolidated Financial Statements. In this regard, also the earlier application in 2020 of the amendments to IFRS 16 “Covid-19-Related Rent Concessions” was immaterial to the Consolidated Financial Statements.</div></div>

IFRSs not yet adopted	12 Months Ended
	Dec. 31, 2020
IFRSs not yet adopted	
IFRSs not yet adopted	<p>4 IFRSs not yet adopted</p> <p>On May 18, 2017, the IASB issued IFRS 17 “Insurance Contracts” (hereinafter IFRS 17), which sets out the accounting for the insurance contracts issued and the reinsurance contracts held. On June 25, 2020, the IASB issued the amendments to IFRS 17 “Amendments to IFRS 17” and the amendments to IFRS 4 “Extension of the Temporary Exemption from Applying IFRS 9”, related to insurance activities, providing, among others, the deferral of the effective date of IFRS 17 by two years. Therefore, IFRS 17, which replaces IFRS 4 “Insurance Contracts”, shall be applied for annual reporting periods beginning on or after January 1, 2023.</p> <p>On January 23, 2020, the IASB issued the amendments to IAS 1 “Classification of Liabilities as Current or Non-current” (hereinafter the amendments), which clarify how to classify debt and other liabilities as current or non-current. Because of further amendments issued on July 15, 2020 (“Classification of Liabilities as Current or Non-current — Deferral of Effective Date”), the amendments shall be applied for annual reporting periods beginning on or after January 1, 2023.</p> <p>On May 14, 2020, the IASB issued:</p> <p>the amendments to IAS 37 “Onerous Contracts - Cost of Fulfilling a Contract” (hereinafter the amendments), aimed to provide clarifications for the purpose of assessing whether a contract is onerous. The amendments shall be applied for annual reporting periods beginning on or after January 1, 2022;</p> <p>the amendments to IAS 16 “Property, Plant and Equipment: Proceeds before Intended Use” (hereinafter the amendments), aimed to state that the proceeds from selling items produced while the company is preparing the asset for its intended use shall be recognised in the profit and loss account, together with the related production costs. The amendments shall be applied for annual reporting periods beginning on or after January 1, 2022;</p> <p>the amendments to IFRS 3 “Reference to the Conceptual Framework” (hereinafter the amendments), aimed to: (i) replace all remaining references to the previous versions of the IFRS Framework with references to the new Conceptual Framework for Financial Reporting included in IFRS 3; (ii) provide clarifications on the requirements for recognising, at the acquisition date, provisions, contingent liabilities and levies assumed in a business combination; (iii) state explicitly that a contingent asset acquired in a business combination cannot be recognised. The amendments shall be applied for annual reporting periods beginning on or after January 1, 2022;</p> <p>the document “Annual Improvements to IFRS Standards 2018-2020”, which includes, basically, technical and editorial changes to existing standards. The amendments to the standards shall be applied for annual reporting periods beginning on or after January 1, 2022.</p> <p>On August 27, 2020, the IASB issued the amendments to IFRS 9, IAS 39, IFRS 7, IFRS 4 and IFRS 16 “Interest Rate Benchmark Reform — Phase 2” (hereinafter the amendments), aimed to provide practical expedients and temporary exceptions from the application of some IFRS requirements related to financial instruments measured at amortised cost and/or hedging relationships modified as a consequence of the interest rate benchmark reform, The amendments shall be applied for annual reporting periods beginning on or after January 1, 2021.</p> <p>On February 12, 2021, the IASB issued:</p> <p>the amendments to IAS 1 and IFRS Practice Statement 2 “Disclosure of Accounting Policies” (hereinafter the amendments), aimed to provide clarifications on identifying the material accounting policies to be disclosed in the financial statements. The amendments shall be applied for annual reporting periods beginning on or after January 1, 2023;</p> <p>the amendments to IAS 8 “Definition of Accounting Estimates” (hereinafter the amendments), which introduce the definition of accounting estimates essentially to clarify how to distinguish changes in accounting policies from changes in accounting estimates. The amendments shall be applied for annual reporting periods beginning on or after January 1, 2023.</p> <p>Eni is currently reviewing the IFRSs not yet adopted in order to determine the likely impact on the Consolidated Financial Statements.</p>

Cash and cash equivalents	12 Months Ended
	Dec. 31, 2020
Cash and cash equivalents	<div><div>5 Cash and cash equivalents</div><div><p>Cash and cash equivalents of €9,413 million (€5,994 million at December 31, 2019) included financial assets with maturity generally of up to three months at the date of inception amounting to €6,913 million (€3,984 million at December 31, 2019) and mainly included short-term deposits in euro and U.S. dollars with financial institutions, having notice of more than 48 hours, to meet the Group’s short-term financing needs.</p><p>Expected credit losses on deposits with banks and financial institutions measured at amortized cost are immaterial.</p><p>Restricted cash amounted to €198 million (same amount as of December 31, 2019) in relation to foreclosure measures by third parties.</p><p>The average maturity of bank deposits in euro of €5,948 million was 50 days and the effective interest rate was a negative 0.4%; the average maturity of bank deposits in U.S. dollars of €944 million was 8 days with an effective interest rate of 0.25%.</p></div></div>

Financial assets held for trading	12 Months Ended			
	Dec. 31, 2020			
Financial assets held for trading.				
Financial assets held for trading	6 Financial assets held for trading			
(€million)	December 31, 2020	December 31, 2019		
Bonds issued by sovereign states	1,223	1,462		
Other	4,279	5,298		
	5,502	6,760		
The Company has established a liquidity reserve as part of its internal targets and financial strategy with a view of ensuring an adequate level of flexibility to the Group development plans and of coping with unexpected fund requirements or difficulties in accessing financial markets. The management of this liquidity reserve is performed through trading activities in view of the optimizing returns, within a predefined and authorized level of risk threshold, targeting the preservation of the invested capital and the ability to promptly convert it into cash.				
Financial assets held for trading include securities subject to lending agreements of €1,361 million (€1,347 million at December 31, 2019).				
The breakdown by currency is provided below:				
(€million)	December 31, 2020	December 31, 2019		
Euro	3,731	4,272		
U.S. dollars	1,688	2,279		
Other currencies	83	209		
	5,502	6,760		
The breakdown by issuing entity and credit rating is presented below:				
	Nominal value (€million)	Fair Value (€million)	Rating - Moody's	Rating - S&P
Quoted bonds issued by sovereign states				
Fixed rate bonds				
Italy	499	506	Baa3	BBB
Chile	187	192	A1	A+
Other(*)	168	172	from Aaa to Baa1	from AAA to A-
	854	870		
Floating rate bonds				
Italy	253	255	Baa3	BBB
Germany	56	55	Aaa	AAA
Other	43	43	from Aaa to Baa3	from AA+ to BBB
	352	353		
Total quoted bonds issued by sovereign states				
	1,206	1,223		
Other Bonds				
Fixed rate bonds				
Quoted bonds issued by industrial companies	974	992	from Aa2 to Baa3	from AA to BBB-
Quoted bonds issued by financial and insurance companies	893	910	from Aa1 to Baa3	from AA+ to BBB-
Other bonds	54	55	from Aaa to Baa3	from AAA to BBB-
	1,921	1,957		
Floating rate bonds				
Quoted bonds issued by industrial companies	791	787	from Aa1 to Baa3	from AA+ to BBB-
Quoted bonds issued by financial and insurance companies	1,298	1,301	from Aa1 to Baa3	from AA+ to BBB-
Other bonds	234	234	from Aaa to Baa3	from AAA to BBB-
	2,323	2,322		
Total other bonds	4,244	4,279		
Total other financial assets held for trading	5,450	5,502		

(*) Amounts included herein are lower than €50 million.

The fair value hierarchy is level 1 for €5,248 million and level 2 for €254 million. During 2020, there were no significant transfers between the different hierarchy levels of fair value.

Trade and other receivables	12 Months Ended					
	Dec. 31, 2020					
Trade and other receivables						
Trade and other receivables	7 Trade and other receivables					
(€million)	December 31, 2020	December 31, 2019				
Trade receivables	7,087	8,519				
Receivables from divestments	21	30				
Receivables from joint ventures in exploration and production activities	2,293	2,637				
Other receivables	1,525	1,687				
	10,926	12,873				
Generally, trade receivables do not bear interest and provide payment terms within 180 days.						
Trade receivables decreased by €1,432 million due to the drop in prices of hydrocarbons.						
At December 31, 2020, Eni sold without recourse receivables due in 2021 for €1,377 million (€1,782 million at December 31, 2019 due in 2020). Derecognized receivables in 2020 related to the Refining & Marketing and Chemical segment for €730 million, to the Eni gas e luce, Power & Renewables segment for €324 million and to the Global Gas & LNG Portfolio segment for €323 million.						
Receivables from joint ventures in exploration and production activities included amounts due by partners in unincorporated joint operation in Nigeria of €1,015 million (€1,052 million at December 31, 2019) in respect of the contractual recovery of expenditures incurred at certain projects operated by Eni. The Nigerian national oil company NNPC owed an amount to Eni of €605 million (€764 million at December 31, 2019), in relation to past investments. About half of this amount is subject to a “Repayment Agreement”, whereby Eni is to be reimbursed through the sale of the entitlement attributable to NNPC in certain rig-less petroleum initiatives with low mineral risk, with an expected completion of the reimbursement plan within the next two/three years based on Eni’s Brent price scenario. The overdue receivable is stated net of a discount factor equal to 8%, calculated based on the risk of the underlying mineral initiative. The amounts past due related to current investment activities were assessed based on more conservative assumptions than the ones adopted in previous reporting periods to factor in an increased counterparty risk due to COVID-19 developments. A privately held Nigerian oil company owed us €134 million (€113 million at December 31, 2019) which were past due at the reporting date. These amounts were stated net of a provision based on the loss given default (LGD) defined by Eni for international oil companies in a default state.						
Receivables from other counterparties comprised: (i) recoverable amounts for €376 million (€373 million at December 31, 2019) of certain overdue trade receivables towards the state-owned oil company of Venezuela, PDVSA, in relation to gas equity volumes supplied by the joint venture Cardón IV, equally participated by Eni and Repsol. Those trade receivables were divested by the joint venture to the two shareholders. The receivables were stated net of an allowance for doubtful accounts estimated on the basis of average recovery percentages obtained by creditors in the context of sovereign defaults, adjusted to reflect the strategic value of the oil&gas sector, and also applied for assessing the recoverability of the carrying amount of the investment and the long-term interest in the initiative, as described in note 16 – Other financial assets. Risks associated with the complex financial outlook of the Country and the deteriorated operating environment were taken into account in the estimation of the expected loss by assuming a deferral in the timing of collection of future revenues and overdue credit amounts which resulted in an expected credit loss rate of about 53%. During the year the percentages of collection of gas sales by the joint venture were in line with the estimated assumption; (ii) amounts to be received from customers following the triggering of the take-or-pay clause of long-term gas supply contracts for €325 million (€104 million at December 31, 2019).						
Trade and other receivables stated in euro and U.S. dollars amounted to €5,553 million and €4,304 million, respectively.						
Credit risk exposure and expected losses relating to trade and other receivables has been prepared on the basis of internal ratings as follows:						
(€million)	Performing receivables			Defaulted receivables	Eni gas e luce customers	Total
December 31, 2020	Low risk	Medium Risk	High Risk			
Business customers	1,398	2,746	432	1,351		5,927
National Oil Companies and public administrations	841	620	7	2,653		4,121
Other counterparties	1,243	450	28	141	2,173	4,035
Gross amount	3,482	3,816	467	4,145	2,173	14,083
Allowance for doubtful accounts	(32)	(21)	(29)	(2,429)	(646)	(3,157)
Net amount	3,450	3,795	438	1,716	1,527	10,926
Expected loss (% net of counterpart risk mitigation factors)	0.9	0.6	6.2	58.6	29.7	22.4
December 31, 2019						
Business customers	1,922	2,882	840	1,396		7,040
National Oil Companies and public administrations	1,201	472	244	2,710		4,627
Other counterparties	1,646	103	381	217	2,105	4,452

Gross amount	4,769	3,457	1,465	4,323	2,105	16,119
Allowance for doubtful accounts	(13)	(4)	(16)	(2,547)	(666)	(3,246)
Net amount	4,756	3,453	1,449	1,776	1,439	12,873
Expected loss (% net of counterpart risk mitigation factors)	<u>0.3</u>	<u>0.1</u>	<u>1.1</u>	<u>58.9</u>	<u>31.6</u>	<u>20.1</u>

The classification of the Company’s customers and counterparties and the definition of the classes of counterparty risk are disclosed in note 1 – Significant accounting policies.

Management has reviewed its assumptions underlying the recoverability of outstanding receivables in light of the widespread economic and financial impacts of the COVID-19 pandemic crisis on the counterparty risk. The review of recoverability assumptions led to both an extension in the timing of credit collection (generally of one year) and a step-up in the probabilities of default applicable across the Company’s customer classes. These updated assumptions were based on accumulated experience, independent assessments of the expected increase in the probability of default of commercial counterparts over a twelve-month time horizon to factor in the financial impact of the ongoing crisis, as well as updated evaluations of the probability of unfavorable developments in the operating environment of the main countries where Eni is conducting oil&gas operations leading to an increased risk applicable to our counterparts national oil companies. With regard to customers of the Eni gas e luce business line, the recoverability assessments incorporate the most updated information relating to the performance in credit collection and the ageing of overdue amounts.

The exposure to credit risk and expected losses relating to customers of the Eni gas e luce business line was assessed based on a provision matrix as follows:

(€million)	Ageing					Total
	Not-past due	from 0 to 3 months	from 3 to 6 months	from 6 to 12 months	over 12 months	
December 31, 2020						
Customers - Eni gas e luce:						
- Retail	1,155	105	50	102	366	1,778
- Middle	75	16	3	8	232	334
- Other	61					61
Gross amount	1,291	121	53	110	598	2,173
Allowance for doubtful accounts	(46)	(23)	(22)	(57)	(498)	(646)
Net amount	1,245	98	31	53	100	1,527
Expected loss (%)	<u>3.6</u>	<u>19.0</u>	<u>41.5</u>	<u>51.8</u>	<u>83.3</u>	<u>29.7</u>
December 31, 2019						
Customers - Eni gas e luce:						
- Retail	991	105	60	86	376	1,618
- Middle	93	29	4	14	263	403
- Other	76	3	1	2	2	84
Gross amount	1,160	137	65	102	641	2,105
Allowance for doubtful accounts	(16)	(27)	(26)	(49)	(548)	(666)
Net amount	1,144	110	39	53	93	1,439
Expected loss (%)	<u>1.4</u>	<u>19.7</u>	<u>40.0</u>	<u>48.0</u>	<u>85.5</u>	<u>31.6</u>

Trade and other receivables are stated net of the allowance for doubtful accounts which has been determined considering the counterpart risk mitigation factors amounting to €1,016 million (€2,914 million at December 31, 2019):

(€million)	2020	2019
Allowance for doubtful accounts - beginning of the year	3,246	3,150
Additions on trade and other performing receivables	112	95
Additions on trade and other defaulted receivables	231	525
Deductions on trade and other performing receivables	(82)	(119)
Deductions on trade and other defaulted receivables	(275)	(484)
Other changes	(75)	79
Allowance for doubtful accounts - end of the year	3,157	3,246

Additions to allowance for doubtful accounts on trade and other performing receivables related for €84 million (€65 million in 2019) to Eni gas e luce business line, particularly in the retail business; the increase compared to 2019 is due to the effects of the economic crisis on the solvency of small and medium-sized companies.

Additions to allowance for doubtful accounts on trade and other defaulted receivables related to: (i) the Exploration & Production segment for €18 million (€339 million in 2019) and were in relation with receivables for the supply of equity hydrocarbons to State-owned companies and receivables towards joint operators, State oil Companies and local private companies for cash calls in oil projects operated by Eni; (ii) to the retail gas and power business for €97 million (€87 million in 2019).

Utilizations of allowance for doubtful accounts on trade and other performing and defaulted receivables amounted to €357 million (€603 million in 2019) and mainly related to the Eni gas e luce business line for €200 million (€343 million in 2019), in particular utilizations against charges of €178 million (€319 million in 2019) mainly in the retail business. Utilizations in Exploration & Production segment of €101 million (€177 million in 2019) related for €73 million to the derecognition of receivables from PDVSA following in-kind refunds.

Net (impairment losses) reversals of trade and other receivables are disclosed as follows:

(€million)	2020	2019	2018
Net (impairment losses) reversals of trade and other receivables			
New or increased provisions	(343)	(620)	(498)
Net credit losses	(36)	(45)	(37)
Reversals	153	233	120
	(226)	(432)	(415)

Receivables with related parties are disclosed in note 36 – Transactions with related parties.

Current and non-current inventories	12 Months Ended	
	Dec. 31, 2020	
Current and non-current inventories		
Current and non-current inventories	8 Current and non-current inventories	
Current and non-current inventories	Current inventories are disclosed as follows:	
(€million)	December 31, 2020	December 31, 2019
Raw and auxiliary materials and consumables	706	950
Consumables for infrastructure and facility maintenance of perforation activities	1,580	1,477
Finished products and goods	1,603	2,284
Other	4	23
	3,893	4,734
	Raw and auxiliary materials and consumables include oil-based feedstock, catalysts and other consumables pertaining to refining and chemical activities.	
	Materials and supplies include materials to be consumed in drilling activities and spare parts to the Exploration & Production segment for €1,463 million (€1,359 million at December 31, 2019).	
	Finished products and goods included natural gas and oil products for €74 million (€1,467 million at December 31, 2019) and chemical products for €43 million (€47 million at December 31, 2019).	
	Inventories are stated net of write-down provisions of €48 million (€77 million at December 31, 2019).	
	Inventories held for compliance purposes of €95 million (€1,371 million at December 31, 2019) related to Italian subsidiaries for €77 million (€1,353 million at December 31, 2019) in accordance with minimum stock requirements for oil and petroleum products set forth by applicable laws.	
	The decrease in current and non-current inventories was due to the alignment of the book values to their net realizable values at year-end, which were affected by the drop in oil and hydrocarbons prices.	

Income tax receivables and payables	12 Months Ended							
	Dec. 31, 2020							
Income tax receivables and payables								
Income tax receivables and payables	9 Income tax receivables and payables							
	December 31, 2020				December 31, 2019			
	Receivables		Payables		Receivables		Payables	
(€million)	Current	Non Current	Current	Non Current	Current	Non Current	Current	Non Current
Income taxes	184	153	243	360	192	173	456	454
Income taxes are described in note 32 — Income tax expense.								
Non-current income tax payables include the likely outcome of pending litigation with tax authorities in relation to uncertain tax matters relating to foreign subsidiaries of the Exploration & Production segment for €254 million (€362 million at December 31, 2019).								

Other assets and liabilities	12 Months Ended							
	Dec. 31, 2020							
Other assets and liabilities								
Other assets and liabilities	10 Other assets and liabilities							
	December 31, 2020				December 31, 2019			
	Assets		Liabilities		Assets		Liabilities	
(€million)	Current	Non-current	Current	Non-current	Current	Non-current	Current	Non-curre
Fair value of derivative financial instruments	1,548	152	1,609	162	2,573	54	2,704	
Contract liabilities			1,298	394			1,669	
Other Taxes	450	181	1,124	26	766	223	1,411	
Other	688	920	841	1,295	633	594	1,362	1
	2,686	1,253	4,872	1,877	3,972	871	7,146	1

The fair value related to derivative financial instruments is disclosed in note 23 - Derivative financial instruments and hedge accounting.

Assets related to other current taxes included VAT for €75 million, of which €15 million are current, and advances made in December (€42 million at December 31, 2019, of which €57 million current).

Other assets include : (i) gas volumes prepayments that were made in previous years due to the take-or-pay obligations in relation to the Company’s long-term supply contracts, whose underlying current portion Eni plans to recover within the next 12 months for €53 million, and beyond 12 months for €51 million (€174 million at December 31, 2019); in 2020 the Company opted to increase the take-or-pay advance with a view of optimizing its gas portfolio and motivated by the reduction in gas demand due to the COVID-19 pandemic, expecting to recover the underlying volumes beyond the next year; (ii) underlifting positions of the Exploration & Production segment of €38 million (€23 million at December 31, 2019); (iii) non-current receivables for investing activities for €1 million (same amount as of December 31, 2019).

Contract liabilities included: (i) advances denominated in local currency of €46 million (€1,228 million at December 31, 2019) to offset future supplies of equity hydrocarbons to our Egyptian State-owned partners in relation to the operations of Eni’s Concession Agreements in the Country, in particular, among these, the Zohr project. In 2020, the decrease is due to the offsetting with the gas invoices for the sale of equity production, considering the substantial completion of the investment activities; (ii) the current portion of advances received by Engie SA (former Suez) relating to a long-term agreement for supplying natural gas and electricity for €62 million (€64 million at December 31, 2019); the non-current portion amounted to €93 million (€455 million at December 31, 2019). Revenues recognized during the year related to contract liabilities stated at December 31, 2019 are indicated in note 28 - Revenues and other income.

Liabilities related to other current taxes include excise duties and consumer taxes for €16 million (€628 million at December 31, 2019) and VAT liabilities for €12 million (€11 million at December 31, 2019).

Other current liabilities included overlifting imbalances of the Exploration & Production segment for €59 million (€17 million at December 31, 2019).

Other non-current liabilities included: (i) liabilities for prepaid revenues and income for €23 million (€420 million at December 31, 2019); (ii) the value of gas not withdrawn by customers due to the triggering of the take-or-pay clause provided for by the relevant long-term contracts, the underlying volumes of which are expected to be withdrawn within the next 12 months for €65 million and beyond 12 months for €72 million (€148 million at December 31, 2019); (iii) cautionary deposits for €61 million (€65 at December 31, 2019), of which €28 million from retail customers for the supply of gas and electricity (€31 million at December 31, 2019).

Transactions with related parties are described in note 36 - Transactions with related parties.

Property, plant and equipment	12 Months Ended						
	Dec. 31, 2020						
Property, plant and equipment							
Property, plant and equipment	11 Property, plant and equipment						
(€million)	Land and buildings	E&P wells, plant and machinery	Other plant and machinery	E&P exploration assets and appraisal	E&P tangible assets in progress	Other tangible assets in progress and advances	Total
2020							
Net carrying amount - beginning of the year	1,218	46,492	3,632	1,563	7,412	1,875	62,192
Additions	12	6	229	265	3,127	768	4,407
Depreciation capitalized				4	100		104
Depreciation (*)	(55)	(5,642)	(508)				(6,205)
Reversals	13	183	342		98	12	648
Impairment	(82)	(1,551)	(972)		(567)	(582)	(3,754)
Write-off			(1)	(296)	(7)	(1)	(305)
Currency translation differences	(2)	(3,325)	(75)	(119)	(605)	(14)	(4,140)
Initial recognition and changes in estimates		870		(9)	94		955
Transfers	39	2,677	755	(47)	(2,630)	(794)	
Other changes	(15)	(62)	(103)	(20)	96	145	41
Net carrying amount - end of the year	1,128	39,648	3,299	1,341	7,118	1,409	53,943
Gross carrying amount - end of the year	4,082	136,468	28,839	1,341	11,169	2,742	184,641
Provisions for depreciation and impairments	2,954	96,820	25,540	4,051	4,051	1,333	130,698
2019							
Net carrying amount - beginning of the year	1,274	42,856	3,901	1,267	9,195	1,809	60,302
Additions	12	144	223	508	6,170	992	8,049
Depreciation capitalized				14	202		216
Depreciation (*)	(60)	(6,435)	(537)				(7,032)
Reversals	44	65	69		65	139	382
Impairment	(47)	(659)	(500)		(669)	(537)	(2,412)
Write-off			(5)	(216)	(49)		(270)
Disposals	(1)	(3)	(1)	(22)	(80)	(6)	(113)
Currency translation differences	2	815	21	24	181	1	1,044
Initial recognition and changes in estimates		2,028		25	21		2,074
Transfers	42	7,568	597	(42)	(7,526)	(639)	
Other changes	(48)	113	(136)	5	(98)	116	(48)
Net carrying amount - end of the year	1,218	46,492	3,632	1,563	7,412	1,875	62,192
Gross carrying amount - end of the year	4,067	144,789	28,191	1,563	11,406	2,799	192,815
Provisions for depreciation and impairments	2,849	98,297	24,559	3,994	3,994	924	130,623

(*) Before capitalization of depreciation of tangible assets.

Capital expenditures included capitalized finance expenses of €73 million (€93 million in 2019) related to the Exploration & Production segment for €51 million (€71 million in 2019). The interest rate used for capitalizing finance expense ranged from 1.3% to 2.2% (2.6% to 2.8% at December 31, 2019).

Capital expenditures primarily related to the Exploration & Production segment for €3,444 million (€6,889 million in 2019) and included bonuses for €57 million of which €55 million for the acquisition of unproved mineral interest in Algeria.

Capital expenditures by industry segment and geographical area of destination are reported in note 35 - Segment information and information by geographical area.

The main depreciation rates used were substantially unchanged from the previous year and ranged as follows:

(%)	
Buildings	2 – 10
Mineral exploration wells and plants	UOP

Refining and chemical plants	3 – 17
Gas pipelines and compression stations	4 – 12
Power plants	4 – 5
Other plant and machinery	6 – 12
Industrial and commercial equipment	5 – 25
Other assets	10 – 20

The criteria adopted by Eni for determining impairment losses and reversal is reported in note 14 – Impairment review of tangible and intangible assets and right-of-use assets.

Currency translation differences related to subsidiaries which utilize the U.S. dollar as functional currency (€4,068 million).

Initial recognition and change in estimates include the increase in the asset retirement cost of Exploration & Production segment mainly due to the reduction in discount rates and in estimated costs for social projects to be incurred in respect to the commitments being formalized between Eni SpA and the Basilicata region following to the development plan of oilfields in Val d'Agri relating to royalties for mineral concessions (€439 million).

Transfers from E&P tangible assets in progress to E&P UOP wells, plant and machinery related for €1,690 million to the commissioning of wells, plants and machinery primarily in Egypt, Italy, Algeria, Iraq, United States, Kazakhstan and Mexico.

Exploration and appraisal activities of 2020 comprised write-offs of unsuccessful exploration wells costs for €296 million mainly in Libya, United States, Angola, Egypt, Oman, Mexico and Lebanon.

Exploration and appraisal activities related for €1,268 million to the costs of suspended exploration wells pending final determination and for €66 million to costs of exploration wells in progress at the end of the year. Changes relating to suspended wells are reported below:

(€million)	2020	2019	2018
Costs for exploratory wells suspended - beginning of the year	1,246	1,101	1,263
Increases for which is ongoing the determination of proved reserves	408	368	235
Amounts previously capitalized and expensed in the year	(226)	(183)	(61)
Reclassification to successful exploratory wells following the estimation of proved reserves	(48)	(46)	(297)
Disposals		(15)	(6)
Changes in the scope of consolidation			(58)
Reclassification to assets held for sale			(24)
Currency translation differences	(112)	21	49
Costs for exploratory wells suspended - end of the year	1,268	1,246	1,101

The following information relates to the stratification of the suspended wells pending final determination (ageing):

	2020		2019		2018	
	(€million)	(number of wells in Eni's interest)	(€million)	(number of wells in Eni's interest)	(€million)	(number of wells in Eni's interest)
Costs capitalized and suspended for exploratory well activity						
- within 1 year	157	6.7	185	7.7	111	7.0
- between 1 and 3 years	250	11.0	171	6.4	87	2.9
- beyond 3 years	861	19.3	890	26.4	903	24.2
	1,268	37.0	1,246	40.5	1,101	34.1
Costs capitalized for suspended wells						
- fields including wells drilled over the last 12 months	157	6.7	185	7.7	111	7.0
- fields for which the delineation campaign is in progress	631	14.9	556	11.3	217	4.7
- fields including commercial discoveries that proceeds to sanctioning	480	15.4	505	21.5	773	22.4
	1,268	37.0	1,246	40.5	1,101	34.1

Suspended wells costs awaiting a final investment decision amounted to €480 million and primarily related to the exploration costs incurred for the Mamba discovery in Mozambique's offshore Area 4 (€151 million), for which the venture partners are completing the activities for sanctioning the project. The other suspended costs refer to several initiatives ongoing in the main countries of presence (Nigeria, Congo, Egypt and Indonesia), none of which represented an individually significant amount.

Unproved mineral interests, comprised in assets in progress of the Exploration & Production segment, include the purchase price allocated to unproved reserves following business combinations or acquisition of individual properties. Unproved mineral interests were as follows:

(€million)	Congo	Nigeria	Turkmenistan	USA	Algeria	Egypt	United Arab Emirates	Total
2020								
Book amount at the beginning of the year	253	939	139	162	115	19	535	2,162
Additions					55	2		57
Net (impairments) reversals	(25)		(134)	(37)				(196)
Reclassification to proved mineral interest			(2)		(61)	(2)	(25)	(90)
Currency translation differences	(25)	(79)	(3)	(11)	(9)	(1)	(42)	(170)
Book amount at the end of the year	203	860		114	100	18	468	1,763
2019								
Book amount at the beginning of the year	769	921	77	103	77	29	502	2,478
Additions				97	135	1	23	256
Net (impairments) reversals	(533)		65	(27)				(495)
Reclassification to proved mineral interest			(4)	(14)	(99)	(12)		(129)
Currency translation differences	17	18	1	3	2	1	10	52
Book amount at the end of the year	253	939	139	162	115	19	535	2,162

Unproved mineral interests comprised the Oil Prospecting License 245 property ("OPL 245"), offshore Nigeria, for €800 million corresponding to the price paid in 2011 to the Nigerian Government to acquire a 50% interest in the property, with another international oil company acquiring the remaining 50%. As of December 31, 2020, the net book value of the property amounted to €1,085 million, including capitalized exploration costs and pre-development costs. The acquisition of OPL 245 is subject to judicial proceedings in Italy and in Nigeria for alleged corruption and money laundering in respect of the Resolution Agreement signed on April 29, 2011, relating to the purchase of the license . This proceeding is disclosed in note 27 - Guarantees, Commitments and Risks – legal proceedings. The impairment test of the asset confirmed the book value . The impairment review was based on the assumption that the exploration licence due to expire in May 2021 will be renewed or converted into a mining licence. Eni filed an application for renewal/conversion of the licence in compliance with the contractual terms. Considering the inaction of the Nigerian authorities in charge of the matter towards the legitimate request of the Company and the closeness of the expiry date of the licence, in September 2020 Eni started an arbitration at ICSID, the international centre for settlement of investment disputes, to protect the value of its asset.

Accumulated provisions for impairments amounted to €20,343 million (€18,226 million at December 31, 2019).

Property, plant and equipment include assets subject to operating leases for €58 million, essentially relating to service stations of the Refining & Marketing business line.

At December 31, 2020, Eni pledged property, plant and equipment for €24 million to guarantee payments of excise duties (same amount as of December 31, 2019).

Government grants recorded as a decrease of property, plant and equipment amounted to €03 million (€12 million at December 31, 2019).

Contractual commitments related to the purchase of property, plant and equipment are disclosed in note 27 - Guarantees, commitments and risks - Liquidity risk.

Property, plant and equipment under concession arrangements are described in note 27 — Guarantees, commitments and risks - Assets under concession arrangements.

Right-of-use assets and lease liabilities	12 Months Ended									
	Dec. 31, 2020									
Right-of-use assets and lease liabilities										
Right-of-use assets and lease liabilities	12 Right-of-use assets and lease liabilities									
		Floating production storage and offloading vessels (FPSO)	Drilling rig	Naval facilities and related logistic bases for oil and gas transportation	Motorway concessions and service stations	Oil and gas distribution facilities	Office buildings	Vehicles	Other	Total
€(million)										
2020										
Net carrying amount - beginning of the year		3,153	313	497	460	6	707	32	181	5,349
Additions		79	193	281	49	22	65	24	95	808
Depreciation ^(a)		(232)	(189)	(252)	(57)	(2)	(118)	(22)	(56)	(928)
Impairment losses					(21)	(15)			(11)	(47)
Currency translation differences		(251)	(13)	(13)			(8)		(7)	(292)
Other changes		(77)	(60)	(67)	(7)		6	(2)	(40)	(247)
Net carrying amount at the end of the year		2,672	244	446	424	11	652	32	162	4,643
Gross carrying amount at the end of the year		3,107	528	927	573	29	859	65	293	6,381
Provisions for depreciation and impairment		435	284	481	149	18	207	33	131	1,738
2019										
First adoption IFRS 16		3,294	346	569	462	7	720	43	215	5,656
Reclassifications					30				16	46
Reclassifications to assets held for sale									(13)	(13)
Net carrying amount at January 1, 2019		3,294	346	569	492	7	720	43	218	5,689
Additions		32	192	219	54	1	108	22	56	684
Depreciation ^(a)		(240)	(224)	(272)	(61)	(1)	(115)	(23)	(63)	(999)
Impairment losses					(13)				(28)	(41)
Currency translation differences		67	6	4	2		3		3	85
Other changes			(7)	(23)	(14)	(1)	(9)	(10)	(5)	(69)
Net carrying amount at December 31, 2019		3,153	313	497	460	6	707	32	181	5,349
Gross carrying amount		3,393	528	757	532	7	806	54	274	6,351
Provisions for depreciation and impairment		240	215	260	72	1	99	22	93	1,002

(a) Before capitalization of depreciation of tangible assets

Right-of-use assets (RoU) related: (i) for €3,274 million (€3,895 million at December 31, 2019) to the Exploration & Production segment and mainly comprised leases of certain FPSO vessels hired in connection with operations at offshore development projects in Ghana (OCTP) and Angola (Block 15/06 West and East hub) with expiry date between 9 and 16 years including a renewal option and in addition the lease component of long-term leases of offshore rigs; (ii) for €788 million (€831 million at December 31, 2019) to the Refining & Marketing and Chemical segment relating to motorway concessions, land leases, leases of service stations for the sale of oil products, leasing of vessels for shipping activities and the car fleet dedicated to the car sharing business; (iii) for €526 million (€574 million at December 31, 2019) to the Corporate and other activities segment mainly regarding property rental contracts.

The main leasing contracts signed for which the asset is not yet available concerns: (i) a contract with a nominal value of €1.7 billion relating to an FPSO vessel that will be deployed for the development of Area 1 in Mexico. The asset is expected to enter under the Group's control and be accounted as RoU in 2021, expiring in 2040; (ii) a contract with a nominal value of €438 million relating to leasing of office buildings with an expiry date of 20 years including an extension option of 6 years; (iii) a contract for the use of a FLNG naval unit, signed by the joint operation Mozambique Rovuma Venture SpA (Eni's interest 35.71)%, for the development of the Coral discovery in the offshore of Mozambique, the amount of which will be determined based on the final cost payments incurred for the realization of the asset by the associated company Coral FLNG SA and the financial charges relating to the debt of this company towards Coral South FLNG DMCC. The commencement date of the lease is expected in 2022, corresponding to the start of production of the Coral field.

The main future cash outflows potentially due not reflected in the measurements of lease liabilities related to: (i) options for the extension or termination of lease for office buildings of €302 million; (ii) extension options related to service stations for the sale of oil products of €148 million; (iii) other extension options related to concessions of land for €60 million and ancillary assets in the upstream business for €48 million.

Liabilities for leased assets were as follows:

Current portion

(€million)	of long-term lease liabilities	Long-term lease liabilities	Total
2020			
Book amount at the beginning of the year	889	4,759	5,648
Additions		808	808
Decreases	(866)	(3)	(869)
Currency translation differences	(40)	(269)	(309)
Other changes	866	(1,126)	(260)
Book amount at the end of the year	849	4,169	5,018
2019			
First adoption IFRS 16	665	4,991	5,656
Reclassifications	132	36	168
Reclassifications to liabilities directly associated with assets held for sale	(3)	(10)	(13)
Carrying amount at January 1, 2019	794	5,017	5,811
Additions		668	668
Decreases	(875)	(2)	(877)
Currency translation differences	10	77	87
Other changes	960	(1,001)	(41)
Carrying amount at December 31, 2019	889	4,759	5,648

Lease liabilities related for €1,652 million (€1,976 million at December 31, 2019) to the portion of the liabilities attributable to joint operators in Eni-led projects which will be recovered through the mechanism of the cash calls.

Total cash outflows for leases consisted of the following: (i) cash payments for the principal portion of the lease liability for €869 million; (ii) cash payments for the interest portion of €329 million.

Lease liabilities stated in U.S. dollars and euro amounted to €3,447 million and €1,411 million, respectively.

Other changes in right-of-use assets and lease liabilities essentially related to early termination or renegotiation of lease contracts.

The amounts recognised in the profit and loss account consist of the following:

(€million)	2020	2019
Other income and revenues		
Income from remeasurement of lease liability	12	6
	12	6
Purchases, services and other		
Short-term leases	67	115
Low-value leases	37	39
Variable lease payments not included in the measurement of lease liabilities	7	16
Capitalised direct cost associated with self-constructed assets - tangible assets	(2)	(2)
	109	168
Depreciation and impairments		
Depreciation of RoU leased assets	928	999
Capitalised direct cost associated with self-constructed assets - tangible assets	(96)	(210)
Impairment losses of RoU leased assets	47	41
	879	830
Finance income (expense) from leases		
Interests on lease liabilities	(347)	(378)
Capitalised finance expense of ROU leased assets - tangible assets	7	17
Net currency translation differences on lease liabilities	24	(6)
	(316)	(367)

Intangible assets		12 Months Ended					
		Dec. 31, 2020					
Intangible assets							
Intangible assets		13 Intangible assets					
		Exploration rights	Industrial patents and intellectual property rights	Other intangible assets	Intangible assets with finite useful lives	Goodwill	Total
(€million)							
2020							
Net carrying amount - beginning of the year		1,031	195	568	1,794	1,265	3,059
Additions		18	23	196	237		237
Amortization		(53)	(92)	(130)	(275)		(275)
Impairments		(23)		(7)	(30)	(24)	(54)
Reversals				24	24		24
Write-off		(19)	(5)		(24)		(24)
Changes in the scope of consolidation				7	7	70	77
Currency translation differences		(66)		(3)	(69)	(14)	(83)
Other changes			41	(66)	(25)		(25)
Net carrying amount at the end of the year		888	162	589	1,639	1,297	2,936
Gross carrying amount at the end of the year		1,613	1,623	4,399	7,635		
Provisions for amortization and impairment		725	1,461	3,810	5,996		
2019							
Net carrying amount - beginning of the year		1,081	221	584	1,886	1,284	3,170
Additions		78	23	210	311		311
Amortization		(81)	(93)	(117)	(291)		(291)
Impairments		(19)		(72)	(91)	(26)	(117)
Write-off		(28)	(1)	(1)	(30)		(30)
Currency translation differences		18		1	19	3	22
Other changes		(18)	45	(37)	(10)	4	(6)
Net carrying amount at the end of the year		1,031	195	568	1,794	1,265	3,059
Gross carrying amount at the end of the year		1,748	1,597	4,373	7,718		
Provisions for amortization and impairment		717	1,402	3,805	5,924		
Exploration rights comprised the residual book value of license and leasehold property acquisition costs relating to areas with proved reserves, which are amortized based on UOP criteria and are regularly reviewed for impairment. Furthermore, they include the cost of unproved areas which are suspended pending a final determination of the success of the exploration activity or until management confirms its commitment to the initiative. Additions for the year related to signature bonuses paid for the acquisition of new exploration acreage in Angola, Albania, United Arab Emirates, Egypt, Oman and the extension of a licence in Gabon.							
The breakdown of exploration rights by type of asset was as follows:							
(€million)		December 31, 2020			December 31, 2019		
Proved licence and leasehold property acquisition costs		225			291		
Unproved licence and leasehold property acquisition costs		653			709		
Other mineral interests		10			31		
		888			1,031		
Industrial patents and intellectual property rights mainly regarded the acquisition and internal development of software and rights for the use of production processes and software.							
Other intangible assets comprised: (i) customer acquisition costs relating to Eni gas e luce business line for €262 million (€226 million at December 31, 2019); (ii) concessions, licenses, trademarks and similar items for €88 million (€102 million at December 31, 2019) comprised transmission rights for natural gas imported from Algeria for €25 million (€30 million at December 31, 2019); (iii) capital expenditures in progress on natural gas pipelines for which Eni has acquired transport rights for €78 million (same amount as of December 31, 2019).							
The main amortization rates used were substantially unchanged from the previous year and ranged as follows:							
(%)							

Exploration rights	UOP
Transport rights of natural gas	3
Other concessions, licenses, trademarks and similar items	3 - 33
Service concession arrangements	20 - 33
Capitalized costs for customer acquisition	17 - 33
Other intangible assets	4 - 20

Cumulative impairment charges at the end of the year amounted to €2,457 million.

The breakdown of goodwill by segment is provided below:

(€million)	December 31, 2020	December 31, 2019
Eni gas e luce	1,046	981
Exploration & Production	146	190
Refining & Marketing	93	93
Corporate and Other activities	11	
Renewables	1	1
	1,297	1,265

An impairment loss of goodwill was recorded in relation to a business combination of the Exploration & Production segment.

Change in the scope of consolidation of goodwill related for €66 million to the acquisition of the 70% stake in Evolvere, a group operating in the business of distributed generation from renewable sources.

Goodwill acquired through business combinations has been allocated to the CGUs that are expected to benefit from the synergies of the acquisition.

With regard to the Eni gas e luce business line, which has significant allocated goodwill, the allocation of CGU was carried out as follows:

(€million)	December 31, 2020	December 31, 2019
Domestic market	904	839
Foreign market	142	142
	1,046	981

Goodwill allocated to the CGU Domestic market was recognized upon the buy-out of the former Italgas SpA minorities in 2003 through a public offering (€706 million). The acquired entity engaged in the retail sale of gas to the residential sector and middle and small-sized businesses in Italy. In addition, further goodwill amounts have been allocated over the years following business combinations with small, local companies selling gas to residential customers in focused territorial reach and municipalities synergic to Eni’s activities, the latest of which was the acquisition of 70% of Evolvere group, operating in the business of distributed generation from renewable sources, in line with the strategy of growing the market share in the retail sector through the diversification of the product mix by offering green electricity. The impairment review performed at the balance sheet date confirmed the recoverability of the carrying amount of this CGU, including the allocated goodwill.

The recoverability of the carrying amount of the CGU Domestic market, including the allocated portion of goodwill, was verified comparing the value in use of the CGU, which was estimated based on the cash flows of the four-year plan approved by management and on a terminal value calculated as perpetuity of the last year of the plan by assuming a nominal long-term growth rate equal to zero, unchanged. These cash flows were discounted by using the post-tax WACC of the retail business adjusted considering the specific country risk for Italy of 4.3%.

There are no reasonable assumptions of changes in the discount rate, growth rate, profitability or volumes that would lead to zeroing the headroom amounting to €2,856 million of the value in use of the CGU Domestic market with respect to its book value, including the allocated goodwill.

Goodwill allocated to the CGU Foreign market related for €95 million to Eni Gas & Power France SA (former Altermag SA) operating in France and for €45 million to the acquisition in 2018 of the residual 51% interest in Gas Supply Company Thessaloniki-Thessalia SA operating in Greece, previously participated with a 49% of the share capital. The impairment review performed at the balance sheet date by using a method similar to the CGU Domestic market confirmed the recoverability of the carrying amount of these market CGUs, including the goodwill, by using a post-tax WACC adjusted considering a post-tax country risk for France of 4.6% and 4.8% for Greece.

Post-tax cash flows and discount rates resulted in an assessment that substantially approximated a pre-tax assessment.

Impairment review of tangible and intangible assets and right-of-use assets	12 Months Ended
	Dec. 31, 2020
Impairment review of tangible and intangible assets and right-of-use assets	
Impairment review of tangible and intangible assets and right-of-use assets	<p>14 Impairment review of tangible and intangible assets and right-of-use assets</p> <p>Management has adopted a conservative stance in elaborating its view of the long-term oil price outlook, considering the risks and uncertainties associated with the post-pandemic recovery and the pace of the energy transition. With the long-term fallout of the pandemic still being evaluated, management sees the prospect of an enduring impact on the global economy, with the potential for weaker demand for energy for a sustained period, because differently from other recessions, the one caused by the pandemic has involved at the same time all cyclical sectors of the economy and the service sector as well with consequent extreme fluctuations in the economic activity.</p> <p>Eni’s management also has a growing expectation that the aftermath of the pandemic will accelerate the pace of transition to a lower carbon economy and energy system, as countries seek to ‘build back better’ so that their economies will be more resilient in the future.</p> <p>Based on these considerations, management reviewed on the downside the long-term outlook for oil prices, which is the main driver of investment appraisal and the evaluation of recoverability of the Group’s tangible assets. The revised scenario adopted by Eni forecasts a long-term Brent price of 60 \$/bbl in 2023 real terms, compared to a previous level of 70\$, used in the impairment test in 2019. In 2021 and 2022, Brent prices are set at 50 and 55 \$/bbl, respectively. The gas price of the Italian spot market has been projected at 5.5 \$/mmBTU in 2023, down from the previous assumption of 7.8\$/mmBTU.</p> <p>Management also revised downwards its expectations of future refining margins considering the collapse in the consumption of fuels driven by the pandemic.</p> <p>The discount rates of future cash flows associated with the use of the assets were estimated on the basis of Eni's weighted average cost of capital, adjusted to discount the specific risks of the operating context of the Group's countries of activity (WACC adjusted). Eni's WACC for 2020 of 6.7% decreased compared to 2019 (7.4%), mainly due to the decline in the yields of risk-free assets of benchmark countries, which turned negative. This trend was mitigated by the greater weight attributed to the short-term volatility of Eni stock (beta determined from independent sources) which compared to the prior year is affected by a greater perceived risk of the oil&gas sector due to climate-related risks and structural weaknesses of the industry, also amplified by the pandemic crisis.</p> <p>The cash flows of the assets have been estimated based on the approved business plans and the residual useful life of the reserves or industrial plants as described in Note 1 - Significant accounting policies, estimates and judgements - Impairment of non-financial assets.</p> <p>In consideration of the generalized presence of impairment indicators in all Eni's business sectors, including the evidence that as of December 31, 2020, Eni's market capitalization was lower than the book value of the consolidated net assets, and the company policy to regularly test the recoverability of carrying amounts, an impairment test covering 100% of the CGUs was performed.</p> <p>In the Exploration & Production sector, impairment losses of assets in production or development were recognized for €1,888 million, mainly due to the revision of long-term hydrocarbons prices and the reduced capital expenditures to develop reserves, as well as downward revisions of reserves. The most significant amounts were recorded at properties in Italy (€66 million), Algeria (€409 million), Congo (€306 million), USA (€32 million) and Turkmenistan (€202 million). The post-tax WACC used ranges from a minimum of about 6% for Italy/USA to a range of 7-8% for the other countries, which are redetermined in a range of 6-14% pre-tax.</p> <p>In the Refining & Marketing business, impairment losses of refining plants were recorded for €1,225 million, mainly related to the Sannazzaro Refinery, driven by the weak fundamentals of the European industry, explained by: the crisis in fuel consumptions due to the pandemic; overcapacity, competitive pressure from Asian and Middle Eastern producers with more efficient scale and cost structures; market dislocations, that have reduced the supply of medium/heavy crude oils, penalizing the profitability of conversion cycles. The pre-tax and post-tax discount rate relating to the Italian refineries is 6.3%.</p> <p>In addition, the recoverability of the carrying amounts of oil&gas activities was assessed also taking into account the expected expenditure for participating to forestry conservation projects, consistent with Eni's decarbonization targets, the achievement of which includes participating in initiatives for the conservation and repopulation of primary and secondary forests to obtain carbon credits, certified according to international standards. Management expects a gradual ramp up of these initiatives in the medium-long term with the aim of having a portfolio of forestry projects by 2030 from which to obtain an annual amount of carbon credits capable of covering the deficit of residual direct and indirect emissions ("Scope 1 and 2") of the Exploration & Production sector for the purposes of carbon neutrality of equity production from 2030 onwards. The expenditures for the purchase of carbon credits are considered part of the operating costs of the Exploration & Production sector with reference to the whole sector considered as a single CGU. Net of these projected costs until the end of the residual life of the reserves, the overall headroom of the Exploration & Production sector determined on the basis of the assumptions of the impairment test is reduced by 4.6%.</p> <p>The reasonableness of the outcome of the impairment review made by Eni at its oil&gas activities was assessed on the basis of a stress test analysis performed using the decarbonization scenario developed the International Energy Agency (IEA) in its Sustainable Development Scenario in the in the World Energy Outlook (WEO) 2020 which draws a pathway and a set of actions consistent with the goal of the 2015 COP21 Paris Agreement on climate. The IEA SDS scenario is a well-established set of assumptions available on the market place relating to the decarbonization of the world economy. The VIUs of Eni’s reserves were reassessed with the projections estimated by the IEA of hydrocarbon prices and the purchase cost of emission allowances of the “advanced” economies equal to \$140 in 2040 in 2019 currency per ton. IEA price assumptions for hydrocarbons are substantially in line with those adopted by Eni, while the cost of CO₂ is significantly higher. This stress test</p>

indicates a loss in the value-in-use of the Exploration & Production sector equal to 11% with respect to the base case, assuming non-deductibility or non-recoverability for cost oil purposes of the CO₂ charge (-5% otherwise). These sensitivity analyses do not, however, represent management's best estimate of any impairment losses that might be recognized as they do not fully incorporate the consequential changes that management could implement such as changes to business plans, cost reduction, development reshaping, review of reserves and production volumes.

Investments	12 Months Ended							
	Dec. 31, 2020							
Investments								
Investments	15 Investments							
	Equity-accounted investments							
	2020				2019			
	Investments in unconsolidated entities controlled by Eni	Joint ventures	Associates	Total	Investments in unconsolidated entities controlled by Eni	Joint ventures	Associates	Total
(€million)								
Carrying amount - beginning of the year	86	4,592	4,357	9,035	95	5,497	1,452	7,044
Changes in accounting policies (IAS 28)						22		22
Carrying amount restated - beginning of the year	86	4,592	4,357	9,035	95	5,519	1,452	7,066
Additions and subscriptions	2	75	198	275	6	76	2,910	2,992
Divestments and reimbursements		(3)	(1)	(4)	(5)		(17)	(22)
Share of profit of equity-accounted investments	3	21	14	38	6	80	75	161
Share of loss of equity-accounted investments	(2)	(1,399)	(332)	(1,733)	(10)	(157)	(17)	(184)
Deduction for dividends	(5)	(296)	(13)	(314)	(4)	(1,073)	(61)	(1,138)
Change in the scope of consolidation	3	30	1	34	1			1
Currency translation differences	(4)	(254)	(345)	(603)	2	67	17	86
Other changes	(3)	66	(42)	21	(5)	80	(2)	73
Carrying amount - end of the year	80	2,832	3,837	6,749	86	4,592	4,357	9,035
Acquisitions and share capital increases mainly related: (i) for €89 million to the acquisition of a 49% stake in Novis Renewables Holdings Llc and a 50% stake in Novis Renewables Llc and the subsequent capital increase of both companies as part of the partnership with Falck Renewables for the joint development of renewable energy projects in the United States; (ii) for €72 million to the acquisition of a 40% stake of Finproject SpA, a company operating in the compounding sector and in the production of ultralight fabrics, businesses more resilient to the volatility of the chemicals market; (iii) for €38 million to a capital contribution made to Lotte Versalis Elastomers Co Ltd, a joint venture operating in the manufacturing of elastomers in South Korea.								
The accounting under the equity method included losses related to: (i) Vår Energi AS for €18 million due to impairment losses recorded at the CGUs of the investee due to a revised long-term outlook for hydrocarbons prices and changes in production profiles; (ii) Abu Dhabi Oil Refining Co (Takreer) for €275 million due to a weaker refining scenario and the recognition of a significant loss in the alignment of the book values of inventories at their net realizable values; (iii) Saipem SpA for €354 million due to a weaker scenario, which impacted the investment decisions of oil companies together with the curtailments of expenditures made during the downturn driving, lower demand for oil and gas services as well as the recognition of impairment losses in particular in the Offshore Drilling CGU.								
Share of losses of equity-accounted investments included a loss of €46 million accounted at the joint venture Cardón IV SA (Eni’s interest 50%) which is operating the Perla gas field in Venezuela, affected by the slowdown in the gas supplies to the buyer PDVSA due to a deteriorated operating environment.								
Deduction for dividends related for €274 million to Vår Energi AS.								
Net carrying amount related to the following companies:								
	December 31, 2020		December 31, 2019					
	Net carrying amount	% of the investment	Net carrying amount	% of the investment				
(€million)								
Investments in unconsolidated entities controlled by Eni								
Eni BTC Ltd	24	100.00	30	100.00				
Other	56		56					
	80		86					
Joint ventures								
Vår Energi AS	1,144	69.85	2,518	69.60				
Saipem SpA	908	31.08	1,250	30.99				
Unión Fenosa Gas SA	242	50.00	326	50.00				
Cardón IV SA	199	50.00	148	50.00				
Gas Distribution Company of Thessaloniki - Thessaly SA	140	49.00	139	49.00				
Lotte Versalis Elastomers Co Ltd	51	50.00	74	50.00				
PetroJunín SA	50	40.00	53	40.00				
Società Oleodotti Meridionali - SOM SpA	32	70.00						

AET - Raffineriebeteiligungsgesellschaft mbH	17	33.33	35	33.33
Other	49		49	
	2,832		4,592	
Associates				
Abu Dhabi Oil Refining Co (Takreer)	2,335	20.00	2,829	20.00
Angola LNG Ltd	1,039	13.60	1,159	13.60
Coral FLNG SA	138	25.00	102	25.00
Finproject SpA	73	40.00		
Novis Renewables Holdings Llc	65	49.00		
United Gas Derivatives Co	58	33.33	69	33.33
Novamont SpA			71	25.00
Other	129		127	
	3,837		4,357	
	6,749		9,035	

Results of equity-accounted investments by segment are disclosed in note 35 — Segment information and information by geographical area.

The carrying amounts of equity-accounted investments included differences between the purchase price of acquired interests and their underlying book value of net assets amounting to €44 million relating to Finproject SpA. This surplus was driven by the long-term profitability outlook of the acquired company at the time of the acquisition.

As of December 31, 2020, the market value of the investments listed in regulated stock markets was as follows:

	Saipem SpA
Number of shares held	308,767,968
% of the investment	31.08
Share price (€)	2.205
Market value (€ <i>million</i>)	681
Book value (€ <i>million</i>)	908

As of December 31, 2020, the fair value of Saipem was 25% lower than the book value in Eni's financial statements. Due to this impairment indicator, given the volatility of the stock and the significant spending cuts implemented by the oil companies in the short and medium term in response to the collapse in hydrocarbons prices, management performed an impairment test of the book value of the investment based on an internal estimation of the value in use of the investment, which confirmed the carrying amount.

Additional information is included in note 37 — Other information about investments.

Other investments

(€ <i>million</i>)	2020	2019
Carrying amount – beginning of the year	929	919
Additions and subscriptions	8	11
Change in the fair value	24	(3)
Divestments and reimbursements	(12)	(12)
Currency translation differences	(61)	15
Other changes	69	(1)
Carrying amount – end of the year	957	929

The fair value of the main non-controlling interests in non-listed investees on regulated markets, classified within level 3 of the fair value hierarchy, was estimated based on a methodology that combines future expected earnings and the sum-of-the-parts methodology (so-called residual income approach) and takes into account, inter alia, the following inputs: (i) expected results, as a gauge of the future profitability of the investees, derived from the business plans, but adjusted, where appropriate, to include the assumptions that market participants would incorporate; (ii) the cost of capital, adjusted to include the risk premium of the specific country in which each investee operates. A stress test based on a 1% change in the cost of capital considered in the valuation did not produce significant changes at the fair value evaluation.

Dividend income from these investments is disclosed in note 31 — Income (expense) from investments.

The investment book value as of December 31, 2020 primarily related to Nigeria LNG Ltd for €579 million (€557 million at December 31, 2019), Saudi European Petrochemical Co “IBN ZAHR” for €115

million (€146 million at December 31, 2019) and Novamont SpA for €77 million.

Other financial assets	12 Months Ended						
	Dec. 31, 2020						
Other financial assets							
Other financial assets	16 Other financial assets						
(€million)	December 31, 2020		December 31, 2019				
	Current	Non-current	Current	Non-current			
Long-term financing receivables held for operating purposes	29	953	60	1,119			
Short-term financing receivables held for operating purposes	22		37				
	51	953	97	1,119			
Financing receivables held for non-operating purposes	203		287				
	254	953	384	1,119			
Securities held for operating purposes		55		55			
	254	1,008	384	1,174			
Changes in allowance for doubtful accounts were as follows:							
(€million)	2020		2019				
Carrying amount at the beginning of the year	379		430				
Additions	7		11				
Deductions	(7)		(88)				
Currency translation differences	(26)		7				
Other changes	(1)		19				
Carrying amount at the end of the year	352		379				
Financing receivables held for operating purposes related principally to funds provided to joint ventures and associates in the Exploration & Production segment (€883 million) to execute capital projects of interest to Eni. These receivables are long-term interests in the initiatives funded. The greatest exposure is towards the joint venture Cardón IV SA (Eni's interest 50%) in Venezuela, which is currently operating the Perla offshore gas field, for €383 million (€63 million at December 31, 2019).							
Financing receivables held for operating purposes due beyond five years amounted to €71 million (€1,018 million at December 31, 2019).							
The fair value of non-current financing receivables held for operating purposes of €953 million has been estimated based on the present value of expected future cash flows discounted at rates ranging from -0.5% to 1.4% (-0.3% and 2.0% at December 31,2019).							
In addition to the expected credit loss model, the recoverability of the financial loan granted to the joint venture Cardón IV SA was assessed on the basis of the recoverability of the investment made by the JV for the development of the Perla field corresponding to the future cash flows of the project adjusted to price possible difficulties in converting future gas sales into cash, essentially assuming a deferral in the timing of revenues collection.							
The recoverability of other long-term financial assets was assessed by considering the expected probability default in the next twelve months only, as the creditworthiness suffered no significant deterioration in the reporting period.							
Financing receivables held for non-operating purposes related to bank deposits with the purpose to invest cash surpluses and restricted deposits in escrow to guarantee transactions on derivative contracts.							
Financing receivables held for operating purposes were denominated in euro and U.S. dollar for €178 million and €1,024 million, respectively.							
Securities held for operating purposes related to listed bonds issued by sovereign states.							
Securities for €20 million (same amount as of December 31, 2019) were pledged as guarantee of the deposit for gas cylinders as provided for by the Italian law.							
The following table analyses securities per issuing entity:							
	Amortized cost (€million)	Nominal value (€million)	Fair Value (€million)	Nominal rate of return (%)	Maturity date	Rating - Moody's	Rating - S&P
Sovereign states							

Fixed rate bonds							
Italy	24	24	25	from 0.35 to 4.75	from 2021 to 2030	Baa3	BBB
Others (*)	17	17	17	from 0.05 to 0.20	from 2021 to 2025	from Aa3 to Baa1	from AA to A
Floating rate bonds							
Italy	11	11	11		from 2022 to 2025	Baa3	BBB
Others	3	3	3		2022	Baa3	BBB
Total sovereign states	55	55	56				

(*) Amounts included herein are lower than €10 million.

All securities have maturity within five years.

The fair value of securities was derived from quoted market prices.

Receivables with related parties are described in note 36 — Transactions with related parties.

Trade and other payables	12 Months Ended		
	Dec. 31, 2020		
Trade and other payables			
Trade and other payables	17 Trade and other payables		
		December 31,	December 31,
		2020	2019
(€million)			
Trade payables		8,679	10,480
Down payments and advances from joint ventures in exploration & production activities		417	401
Payables for purchase of non-current assets		1,393	2,276
Payables due to partners in exploration & production activities		1,120	1,236
Other payables		1,327	1,152
		12,936	15,545
The decrease in trade payables of €1,801 million was mainly due to lower prices of hydrocarbons.			
Other payables included: (i) the amounts to be paid due to the triggering of the take-or-pay clause of the long-term supply contracts for €376 million (€148 million at 31 December 2019); (ii) payroll payables for €255 million (€215 million at December 31, 2019); (iii) payables for social security contributions for €92 million (same amount as of December 31, 2019).			
Trade and other payables were denominated in euro for €5,384 million and in U.S. dollar for €6,243 million.			
Because of the short-term maturity and conditions of remuneration of trade payables, the fair values approximated the carrying amounts.			
Trade and other payables due to related parties are described in note 36 — Transactions with related parties.			

Finance debts	12 Months Ended							
	Dec. 31, 2020							
Finance debts								
Finance debts	18 Finance debts							
	December 31, 2020				December 31, 2019			
	Short-term debt	Current portion of long-term debt	Long-term debt	Total	Short-term debt	Current portion of long-term debt	Long-term debt	Total
(€million)								
Banks	337	759	3,193	4,289	187	504	2,341	3,032
Ordinary bonds		1,140	18,280	19,420		2,642	16,137	18,779
Convertible bonds			396	396			393	393
Commercial papers	2,233			2,233	1,778			1,778
Other financial institutions	312	10	26	348	487	10	39	536
	2,882	1,909	21,895	26,686	2,452	3,156	18,910	24,518
Finance debts increased by €2,168 million due to new issuance, net of repayments of €3,115 million, partially offset by currency translation differences relating to foreign subsidiaries and debts denominated in foreign currency recorded by euro-reporting subsidiaries for €376 million.								
Commercial papers were issued by the Group’s financial subsidiaries.								
Eni entered into long-term borrowing facilities with the European Investment Bank. These borrowing facilities are subject to the retention of a minimum level of credit rating. According to the agreements, should the Company lose the minimum credit rating, new guarantees could be required to be agreed upon with the European Investment Bank. At December 31, 2020, debts subjected to restrictive covenants amounted to €1,051 million (€1,243 million at December 31, 2019). Eni was in compliance with those covenants.								
Ordinary bonds consisted of bonds issued within the Euro Medium Term Notes Program for a total of €16,356 million and other bonds for a total of €3,064 million.								
The following table provides a breakdown of ordinary bonds by issuing entity, maturity date, interest rate and currency as of December 31, 2020:								
	Amount	Discount on bond issue and accrued expense	Total	Currency	Maturity		Rate %	
(€million)					from	to	from	to
Issuing entity								
Euro Medium Term Notes								
Eni SpA	1,200	16	1,216	EUR		2025		3.750
Eni SpA	1,000	28	1,028	EUR		2029		3.625
Eni SpA	1,000	12	1,012	EUR		2023		3.250
Eni SpA	1,000	10	1,010	EUR		2031		2.000
Eni SpA	1,000	9	1,009	EUR		2026		1.500
Eni SpA	1,000	2	1,002	EUR		2030		0.625
Eni SpA	1,000		1,000	EUR		2026		1.250
Eni SpA	900	(2)	898	EUR		2024		0.625
Eni SpA	800	2	802	EUR		2021		2.625
Eni SpA	800	1	801	EUR		2028		1.625
Eni SpA	750	10	760	EUR		2024		1.750
Eni SpA	750	6	756	EUR		2027		1.500
Eni SpA	750	(4)	746	EUR		2034		1.000
Eni SpA	700	2	702	EUR		2022		0.750
Eni SpA	650	3	653	EUR		2025		1.000
Eni SpA	600	(4)	596	EUR		2028		1.125
Eni Finance International SA	1,427	(3)	1,424	USD	2026	2027		variable
Eni Finance International SA	795	6	801	EUR	2025	2043	1.275	5.441
Eni Finance International SA	111	5	116	GBP		2021		4.750
Eni Finance International SA	24		24	YEN		2021		1.955

	16,257	99	16,356			
Other bonds						
Eni SpA	815	5	820	USD	2023	4.000
Eni SpA	815	3	818	USD	2028	4.750
Eni SpA	815	(1)	814	USD	2029	4.250
Eni SpA	285	1	286	USD	2040	5.700
Eni USA Inc	326		326	USD	2027	7.300
	3,056	8	3,064			
	19,313	107	19,420			

As of December 31, 2020, ordinary bonds maturing within 18 months amounted to €1,644 million. During 2020, new bonds issued amounted to €3,514 million.

The following table provides a breakdown of convertible bonds issued by Eni SpA as of December 31, 2020:

(€million)	Amount	Discount on bond issue and accrued expense	Total	Currency	Maturity	Rate %
Eni SpA	400	(4)	396	EUR	2022	0.000

This is a non-dilutive equity-linked bond, which provides for a redemption value linked to the market price of Eni's shares. The bondholders can exercise their conversion rights at certain expiry dates and/or in the presence of certain events, while the bonds will be cash-settled. Accordingly, to hedge its exposure, Eni purchased cash-settled call options relating to Eni shares that will be settled on a net cash basis. The bond conversion price is equal €17.62 and includes a 35% premium with respect to the Eni's share reference price at the date of issuance. The convertible bond is measured at amortized cost. The conversion option, embedded in the financial instrument issued, and the call option on Eni's shares acquired are valued at fair value with effects recognized through profit and loss.

Eni has in place a program for the issuance of Euro Medium Term Notes up to €20 billion, of which €16.3 billion were drawn as of December 31, 2020.

The following table provides a breakdown by currency of finance debt and the related weighted average interest rates:

	December 31, 2020				December 31, 2019			
	Short term debt (€million)	Average rate (%)	Long term debt and current portion of long term debt (€million)	Average rate (%)	Short term debt (€million)	Average rate (%)	Long term debt and current portion of long term debt (€million)	Average rate (%)
Euro	1,004		19,142	1.7	464	0.2	16,526	2.1
U.S. dollar	1,870	1.1	4,522	4.6	1,981	2.3	5,392	4.6
Other currencies	8	(0.5)	140	4.3	7	(0.7)	148	4.3
	2,882		23,804		2,452		22,066	

As of December 31, 2020, Eni retained undrawn uncommitted short-term borrowing facilities amounting to €7,183 million (€13,299 million at December 31, 2019) and undrawn committed borrowing facilities of €5,295 million, of which €4,750 million due beyond 12 months (€4,667 million at December 31, 2019, of which €4,217 million due beyond 12 months). Those facilities bore interest rates reflecting prevailing conditions in the marketplace. As of December 31, 2020, Eni was in compliance with covenants and other contractual provisions in relation to borrowing facilities.

Fair value of long-term debt, including the current portion of long-term debt is described below:

(€million)	December 31, 2020	December 31, 2019
Ordinary bonds	22,429	19,173
Convertible bonds	497	402
Banks	4,008	2,904
Other financial institutions	36	49
	26,970	22,528

Fair value of finance debts was calculated by discounting the expected future cash flows at discount rates ranging from -0.5% to 1.4% (-0.3% and 2.0% at December 31, 2019).

Because of the short-term maturity and conditions of remuneration of short-term debts, the fair value approximated the carrying amount.

Changes in liabilities arising from financing activities

(€million)	Long-term debt and current portion of long-term debt	Short-term debt	Long-term and current portion of long-term lease liabilities	Total
Carrying amount at December 31, 2019	22,066	2,452	5,648	30,166
Cash flows	2,178	937	(869)	2,246
Currency translation differences	(348)	(528)	(333)	(1,209)
Other non-monetary changes	(92)	21	572	501
Carrying amount at December 31, 2020	23,804	2,882	5,018	31,704

Other non-monetary changes include €808 million of lease liabilities assumptions.

Lease liabilities are described in note 12 - Right-of-use assets and lease liabilities.

Transactions with related parties are described in note 36 - Transactions with related parties

Information on net borrowings	12 Months Ended																																																																																																																														
	Dec. 31, 2020																																																																																																																														
Information on net borrowings																																																																																																																															
Information on net borrowings	19 Information on net borrowings																																																																																																																														
	<p>In assessing its capital structure, Eni uses net borrowings before the accounting effects of IFRS 16 (lease obligations), which is a non-GAAP financial measure. Eni calculates net borrowings as total finance debt (short-term and long-term debt) derived from its Consolidated Financial Statements prepared in accordance with IFRS less: cash and cash equivalents, held-for-trading securities and certain highly liquid investments not related to operations including, among others, non-operating financing receivables. Held-for-trading securities are part of a strategic reserve of liquidity that management has established by reinvesting proceeds from the Group disposal plans and is intended to provide a certain degree of financial flexibility in case of a prolonged price downturn, tight financial markets or in view of other Company’s purposes. Non-operating financing receivables consist mainly of deposits with banks and other financing institutions and deposits in escrow. These assets are generally intended to absorb temporary surpluses of cash as part of the Company’s ordinary management of financing activities.</p> <p>Management believes that net borrowings is a useful measure of Eni’s financial condition as it provides insight about the soundness of Eni’s capital structure and the ways by which Eni’s operating assets are financed.</p> <table><tr><th>(€million)</th><th colspan="3">December 31, 2020</th><th colspan="3">December 31, 2019</th></tr><tr><th></th><th>Current</th><th>Non-current</th><th>Total</th><th>Current</th><th>Non-current</th><th>Total</th></tr><tr><td>A. Cash and cash equivalents</td><td>9,413</td><td></td><td>9,413</td><td>5,994</td><td></td><td>5,994</td></tr><tr><td>B. Financial assets held for trading</td><td>5,502</td><td></td><td>5,502</td><td>6,760</td><td></td><td>6,760</td></tr><tr><td>C Liquidity (A+B)</td><td>14,915</td><td></td><td>14,915</td><td>12,754</td><td></td><td>12,754</td></tr><tr><td>D. Financing receivables</td><td>203</td><td></td><td>203</td><td>287</td><td></td><td>287</td></tr><tr><td>E. Short-term debt towards banks</td><td>337</td><td></td><td>337</td><td>187</td><td></td><td>187</td></tr><tr><td>F. Long-term debt towards banks</td><td>759</td><td>3,193</td><td>3,952</td><td>504</td><td>2,341</td><td>2,845</td></tr><tr><td>G. Bonds</td><td>1,140</td><td>18,676</td><td>19,816</td><td>2,642</td><td>16,530</td><td>19,172</td></tr><tr><td>H. Short-term financial debt towards related parties</td><td>52</td><td></td><td>52</td><td>46</td><td></td><td>46</td></tr><tr><td>I. Other short-term financial liabilities</td><td>2,493</td><td></td><td>2,493</td><td>2,219</td><td></td><td>2,219</td></tr><tr><td>J. Other long-term financial liabilities</td><td>10</td><td>26</td><td>36</td><td>10</td><td>39</td><td>49</td></tr><tr><td>K. Total borrowings before lease liabilities (E+F+G+H+I+J)</td><td>4,791</td><td>21,895</td><td>26,686</td><td>5,608</td><td>18,910</td><td>24,518</td></tr><tr><td>L. Net borrowings before lease liabilities (K-C-D)</td><td>(10,327)</td><td>21,895</td><td>11,568</td><td>(7,433)</td><td>18,910</td><td>11,477</td></tr><tr><td>M. Lease liabilities</td><td>795</td><td>4,057</td><td>4,852</td><td>884</td><td>4,751</td><td>5,635</td></tr><tr><td>N. Lease liabilities towards related parties</td><td>54</td><td>112</td><td>166</td><td>5</td><td>8</td><td>13</td></tr><tr><td>O. Total borrowings including lease liabilities (K+M+N)</td><td>5,640</td><td>26,064</td><td>31,704</td><td>6,497</td><td>23,669</td><td>30,166</td></tr><tr><td>P. Net borrowings including lease liabilities (O-C-D)</td><td>(9,478)</td><td>26,064</td><td>16,586</td><td>(6,544)</td><td>23,669</td><td>17,125</td></tr></table> <p>Cash and cash equivalent are disclosed in note 5 – Cash and cash equivalent.</p> <p>Financial assets held for trading are disclosed in note 6 – Financial assets held for trading.</p> <p>Financing receivables are disclosed in note 16 – Other financial assets.</p> <p>Finance debts are disclosed in note 18 – Finance debts.</p> <p>Lease liabilities related for €1,652 million (€1,976 million at December 31,2019) to the share of joint operators in upstream projects operated by Eni which will be recovered through a partner cash-call billing process. More information is reported in note 12 – Right-of-use assets and lease liabilities.</p>	(€million)	December 31, 2020			December 31, 2019				Current	Non-current	Total	Current	Non-current	Total	A. Cash and cash equivalents	9,413		9,413	5,994		5,994	B. Financial assets held for trading	5,502		5,502	6,760		6,760	C Liquidity (A+B)	14,915		14,915	12,754		12,754	D. Financing receivables	203		203	287		287	E. Short-term debt towards banks	337		337	187		187	F. Long-term debt towards banks	759	3,193	3,952	504	2,341	2,845	G. Bonds	1,140	18,676	19,816	2,642	16,530	19,172	H. Short-term financial debt towards related parties	52		52	46		46	I. Other short-term financial liabilities	2,493		2,493	2,219		2,219	J. Other long-term financial liabilities	10	26	36	10	39	49	K. Total borrowings before lease liabilities (E+F+G+H+I+J)	4,791	21,895	26,686	5,608	18,910	24,518	L. Net borrowings before lease liabilities (K-C-D)	(10,327)	21,895	11,568	(7,433)	18,910	11,477	M. Lease liabilities	795	4,057	4,852	884	4,751	5,635	N. Lease liabilities towards related parties	54	112	166	5	8	13	O. Total borrowings including lease liabilities (K+M+N)	5,640	26,064	31,704	6,497	23,669	30,166	P. Net borrowings including lease liabilities (O-C-D)	(9,478)	26,064	16,586	(6,544)	23,669	17,125
(€million)	December 31, 2020			December 31, 2019																																																																																																																											
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Provisions		12 Months Ended										
		Dec. 31, 2020										
Provisions												
Provisions		20 Provisions										
		Provision for site restoration, abandonment and social projects	Environmental provision	Provision for litigations	Provisions for taxes other than income taxes	Loss adjustments and actuarial provisions for Eni's insurance companies	Provision for losses on investments	Provision for OIL insurance cover	Provision for redundancy incentives	Provision for disposal and restructuring	Other	Total
(€million)												
	Carrying amount at December 31, 2019	8,936	2,602	850	199	333	188	113	70	46	769	14,106
	New or increased provisions		168	172	61	160	44		1	2	193	801
	Initial recognition and changes in estimates	955										955
	Accretion discount	190	(2)	1							1	190
	Reversal of utilized provisions	(252)	(296)	(526)	(30)	(237)			(7)	(14)	(266)	(1,628)
	Reversal of unutilized provisions	(3)	(183)	(96)	(53)		(6)	(9)	(11)	(4)	(38)	(403)
	Currency translation differences	(469)		(31)	(8)		(4)	(1)			(9)	(522)
	Other changes	5	(26)	15	1	2	(24)	(8)		(1)	(25)	(61)
	Carrying amount at December 31, 2020	9,362	2,263	385	170	258	198	95	53	29	625	13,438

Provisions for site restoration, abandonment and social projects include the present value of the estimated costs that the Company expects to incur for dismantling oil and natural gas production facilities at the end of the producing lives of fields, well-plugging, site clean-up and restoration for €8,454 million. Initial recognitions and changes in estimates of €955 million were mainly driven by a decrease in the discount rates and the estimate of the costs for social projects to be incurred following the commitments between Eni SpA and the Basilicata region in relation to the oil development program in the Val d'Agri concession area (€439 million). The unwinding of discount recognized through profit and loss for €190 million was determined based on discount rates ranging from -0.2% to 3.7% (from -0.1% to 6.1% at December 31, 2019). Main expenditures associated with decommissioning operations are expected to be incurred over a fifty-year period.

Provisions for environmental risks included the estimated costs for environmental clean-up and remediation of soil and groundwater in areas owned or under concession where the Group performed in the past industrial operations that were progressively divested, shut down, dismantled or restructured. The provision was accrued because at the balance sheet date there is a legal or constructive obligation for Eni to carry out environmental clean-up and remediation and the expected costs can be estimated reliably. The provision included the expected charges associated with strict liability related to obligations of cleaning up and remediating polluted areas that met the parameters set by the law at the time when the pollution occurred but presently are no more in compliance with current environmental laws and regulations, or because Eni assumed the liability borne by other operators when the Company acquired or otherwise took over site operations. Those environmental provisions are recognized when an environmental project is approved by or filed with the relevant administrative authorities or a constructive obligation has arisen whereby the Company commits itself to performing certain cleaning-up and restoration projects and a reliable cost estimation is available. At December 31, 2020, environmental provision primarily related to Eni Rewind SpA for €1,647 million and to the Refining & Marketing business line for €359 million.

Litigation provisions comprised expected liabilities associated with legal proceedings and other matters arising from contractual claims, including arbitrations, fines and penalties due to antitrust proceedings and administrative matters. These provisions represent the Company's best estimate of the expected and probable liabilities associated with ongoing litigation and related to the Exploration & Production segment for €250 million. Reversals of utilized provisions related for €15 million to the Exploration & Production segment in relation to the settlement of contractual disputes.

Provisions for uncertain taxes matters related to the estimated losses that the Company expects to incur to settle tax litigations and tax claims pending with tax authorities in relation to uncertainties in applying rules in force were in respect of the Exploration & Production segment for €139 million.

Loss adjustments and actuarial provisions of Eni's insurance company Eni Insurance DAC represented the estimated liabilities accrued on the basis for third party claims. Against such liability was recorded receivables of €16 million recognized towards insurance companies for reinsurance contracts.

Provisions for losses on investments included provisions relating to investments whose loss exceeds the equity and primarily related to Industria Siciliana Acido Fosforico — ISAF — SpA (in liquidation) for €146 million.

Provisions for the OIL mutual insurance scheme included the estimated future increase of insurance premiums which will be charged to Eni in the next five years and that were accrued at the reporting date because of the effective accident rate occurred in past reporting periods.

Provisions for redundancy incentives were recognized mainly due to a restructuring program involving the Italian personnel related to past reporting periods.

Provisions for employee benefits	12 Months Ended											
	Dec. 31, 2020											
Provisions for employee benefits												
Provisions for employee benefits	21 Provisions for employee benefits											
(€million)							December 31, 2020		December 31, 2019			
Italian defined benefit plans							258		269			
Foreign defined benefit plans							493		412			
FISDE, foreign medical plans and other							182		177			
Defined benefit plans							933		858			
Other benefit plans							268		278			
Provision for employee benefits							1,201		1,136			
<p>The liability relating to Eni’s commitment to cover the healthcare costs of personnel is determined based on the contributions paid by the Company.</p> <p>Other employee benefit plans related to deferred monetary incentive plans for €128 million, the <i>isopensione</i> plans (a post retirement benefit plan applicable to a specific category of employees) of Eni gas e luce SpA for €97 million, jubilee awards for €28 million and other long-term plans for €15 million.</p> <p>Present value of employee benefits, estimated by applying actuarial techniques, consisted of the following:</p>												
	2020						2019					
	Italian defined benefit plans	Foreign defined benefit plans	FISDE, foreign medical plans and other	Defined benefit plans	Other benefit plans	Total	Italian defined benefit plans	Foreign defined benefit plans	FISDE, foreign medical plans and other	Defined benefit plans	Other benefit plans	Total
(€million)												
Present value of benefit liabilities at beginning of year	269	1,044	177	1,490	278	1,768	275	925	148	1,348	309	1,657
Current cost		23	3	26	50	76		19	2	21	55	76
Interest cost	2	27	2	31	1	32	4	37	3	44	1	45
Remeasurements:	5	48	13	66	4	70	5	41	24	70	1	71
- actuarial (gains) losses due to changes in demographic assumptions	(3)	(10)	2	(11)	2	(9)						
- actuarial (gains) losses due to changes in financial assumptions	9	71	13	93	5	98	7	50	3	60	1	61
- experience (gains) losses	(1)	(13)	(2)	(16)	(3)	(19)	(2)	(9)	21	10		10
Past service cost and (gains) losses settlements		(2)		(2)	20	18		1	8	9	(2)	7
Plan contributions:		1		1		1		1		1		1
- employee contributions		1		1		1		1		1		1
Benefits paid	(20)	(33)	(9)	(62)	(63)	(125)	(15)	(28)	(9)	(52)	(88)	(140)
Currency translation differences and other changes	2	32	(4)	30	(22)	8		48	1	49	2	51
Present value of benefit liabilities at end of year (a)	258	1,140	182	1,580	268	1,848	269	1,044	177	1,490	278	1,768
Plan assets at beginning of year		632		632		632		545		545		545
Interest income		15		15		15		20		20		20
Return on plan assets		51		51		51		23		23		23
Past service cost and (gains) losses settlements		(3)		(3)		(3)						
Plan contributions:		15		15		15		14		14		14
- employee contributions		1		1		1		1		1		1
- employer contributions		14		14		14		13		13		13
Benefits paid		(21)		(21)		(21)		(19)		(19)		(19)
Currency translation differences and other changes		(41)		(41)		(41)		49		49		49
Plan assets at end of year (b)		648		648		648		632		632		632
Asset ceiling at beginning of year								5		5		5
Change in asset ceiling		1		1		1		(5)		(5)		(5)
Asset ceiling at end of year (c)		1		1		1						
Net liability recognized at end of year (a-b+c)	258	493	182	933	268	1,201	269	412	177	858	278	1,136

Employee benefit plans included the liability attributable to partners operating in exploration and production activities of €268 million (€175 million at December 31, 2019). Eni recorded a receivable for an amount equivalent to such liability.

Plan assets with a quoted market price	117	38	297	8	2	76	20	87	645
Plan assets without a quoted market price							3		3
	117	38	297	8	2	76	23	87	648
December 31, 2019									
Plan assets with a quoted market price	32	39	388	7	2	79	17	65	629
Plan assets without a quoted market price							3		3
	32	39	388	7	2	79	20	65	632

The main actuarial assumptions used in the measurement of the liabilities at year-end and in the estimate of costs expected for 2021 consisted of the following:

	Italian defined benefit plans	Foreign defined benefit plans	FISDE, foreign medical plans and other	Other benefit plans
2020				
Discount rate	(%)	0.3	0.1-14.7	0.3
Rate of compensation increase	(%)	1.8	1.3-12.5	
Rate of price inflation	(%)	0.8	0.8-12.2	0.8
Life expectations on retirement at age 65	(years)		13-26	24
2019				
Discount rate	(%)	0.7	0.0-13.7	0.7
Rate of compensation increase	(%)	1.7	1.3-12.5	
Rate of price inflation	(%)	0.7	0.8-11.3	0.7
Life expectations on retirement at age 65	(years)		13-25	24

The following is an analysis by geographical area related to the main actuarial assumptions used in the valuation of the principal foreign defined benefit plans:

	Euro area	Rest of Europe	Africa	Other areas	Foreign defined benefit plans
2020					
Discount rate	(%)	0.4-0.8	0.1-1.4	2.6-14.7	6.4-9.8
Rate of compensation increase	(%)	1.3-3.0	2.5-3.6	2.0-12.5	5.0-9.8
Rate of price inflation	(%)	1.3-1.9	0.8-3.1	2.6-12.2	3.0-5.0
Life expectations on retirement at age 65	(years)	21-22	23-26	13-17	
2019					
Discount rate	(%)	0.8-1.0	0.0-2.0	2.6-13.7	7.3-11.3
Rate of compensation increase	(%)	1.3-3.0	2.5-3.6	2.0-12.5	10.0-11.3
Rate of price inflation	(%)	1.3-2.0	0.8-3.1	2.6-11.3	3.3-5.0
Life expectations on retirement at age 65	(years)	21-22	24-25	13-17	

The effects of a possible change in the main actuarial assumptions at the end of the year are listed below:

(€million)	Discount rate		Rate of price inflation	Rate of increases in pensionable salaries	Healthcare cost trend rate	Rate of increases to pensions in payment
	0.5% Increase	0.5% Decrease	0.5% Increase	0.5% Increase	0.5% Increase	0.5% Increase
December 31, 2020						
Italian defined benefit plans	(10)	6	7			
Foreign defined benefit plans	(84)	92	47	25		67
FISDE, foreign medical plans and other	(10)	7			11	
Other benefit plans	(3)	1	1			
December 31, 2019						
Italian defined benefit plans	(12)	13	8			
Foreign defined benefit plans	(67)	77	31	18		34

FISDE, foreign medical plans and other	(9)	10		10
Other benefit plans	(4)	1	1	

The sensitivity analysis was performed based on the results for each plan through assessments calculated considering modified parameters.

The amount of contributions expected to be paid for employee benefit plans in the next year amounted to €132 million, of which €61 million related to defined benefit plans.

The following is an analysis by maturity date of the liabilities for employee benefit plans and their relative weighted average duration:

(€million)	Italian defined benefit plans	Foreign defined benefit plans	FISDE, foreign medical plans and other	Other benefit plans
December 31, 2020				
2021	12	44	8	71
2022	13	42	7	66
2023	17	50	7	63
2024	20	63	7	16
2025	21	67	7	12
2026 and thereafter	175	227	146	40
Weighted average duration (years)	8.2	19.1	13.7	2.8
December 31, 2019				
2020	17	33	9	73
2021	16	35	8	68
2022	12	32	7	61
2023	10	39	7	17
2024	15	49	7	14
2025 and thereafter	199	224	139	45
Weighted average duration (years)	9.4	18.1	13.3	3.0

Deferred tax assets and liabilities	12 Months Ended			
	Dec. 31, 2020			
Deferred tax assets and liabilities				
Deferred tax assets and liabilities	22 Deferred tax assets and liabilities			
(€million)	December 31, 2020	December 31, 2019		
Deferred tax liabilities before offsetting	8,581	9,583		
Deferred tax assets available for offset	(3,057)	(4,663)		
Deferred tax liabilities	5,524	4,920		
Deferred tax assets before offsetting (net of accumulated write-down provisions)	7,166	9,023		
Deferred tax liabilities available for offset	(3,057)	(4,663)		
Deferred tax assets	4,109	4,360		
The most significant temporary differences giving rise to net deferred tax assets and liabilities are disclosed below:				
	Carrying amount at December 31, 2020	Carrying amount at December 31, 2019		
(€million)				
Deferred tax liabilities				
Accelerated tax depreciation	6,171	6,796		
Leasing	1,089	1,375		
Difference between the fair value and the carrying amount of assets acquired	415	617		
Site restoration and abandonment (tangible assets)	199	126		
Application of the weighted average cost method in evaluation of inventories	56	97		
Other	651	572		
	8,581	9,583		
Deferred tax assets, gross				
Carry-forward tax losses	(6,983)	(6,065)		
Site restoration and abandonment (provisions for contingencies)	(2,211)	(2,242)		
Timing differences on depreciation and amortization	(2,206)	(2,022)		
Accruals for impairment losses and provisions for contingencies	(1,371)	(1,513)		
Impairment losses	(1,213)	(946)		
Leasing	(1,113)	(1,385)		
Employee benefits	(213)	(209)		
Over/Under lifting	(211)	(525)		
Unrealized intercompany profits	(117)	(120)		
Other	(593)	(740)		
	(16,231)	(15,767)		
Accumulated write-downs of deferred tax assets	9,065	6,744		
Deferred tax assets, net	(7,166)	(9,023)		
The following table summarizes the changes in deferred tax liabilities and assets:				
	Deferred tax liabilities, gross	Deferred tax assets, gross	Accumulated write-downs of deferred tax assets	Deferred tax assets, net of impairments
(€million)				
Carrying amount at December 31, 2019	9,583	(15,767)	6,744	(9,023)
Additions	960	(2,649)	2,638	(11)
Deductions	(1,326)	1,357	(130)	1,227
Currency translation differences	(725)	742	(192)	550
Other changes	89	86	5	91
Carrying amount at December 31, 2020	8,581	(16,231)	9,065	(7,166)
Carrying amount at December 31, 2018	7,956	(13,356)	5,741	(7,615)
Changes in accounting policies (IFRS 16)	1,470	(1,470)		(1,470)

Carrying amount at January 1, 2019	9,426	(14,826)	5,741	(9,085)
Additions	1,265	(2,091)	1,161	(930)
Deductions	(1,205)	1,407	(174)	1,233
Currency translation differences	194	(182)	34	(148)
Other changes	(97)	(75)	(18)	(93)
Carrying amount at December 31, 2019	9,583	(15,767)	6,744	(9,023)

Carry-forward tax losses amounted to €23,325 million, of which €17,323 million can be carried forward indefinitely. Carry-forward tax losses were €13,153 million and €10,172 million at Italian subsidiaries and foreign subsidiaries, respectively. Deferred tax assets recognized on these losses amounted to €3,734 million and €3,249 million, respectively.

Italian taxation law allows the carry-forward of tax losses indefinitely. Foreign taxation laws generally allow the carry-forward of tax losses over a period longer than five years, and in many cases, indefinitely. A tax rate of 24% was applied to tax losses of Italian subsidiaries to determine the portion of the carry-forwards tax losses. The corresponding average rate for foreign subsidiaries was 31.9%.

Accumulated write-downs of deferred tax assets related to Italian companies for €7,090 million and non-Italian companies for €1,975 million.

Taxes are also described in note 32 – Income taxes.

cash flows associated with highly probable future trade transactions of gas or electricity or on already contracted trades due to different indexation mechanisms of supply costs versus selling prices. A similar scheme applies to exchange rate hedging derivatives.

The existence of a relationship between the hedged item and the hedging derivative is checked at inception to verify eligibility for hedge accounting by observing the offset in changes of the fair values at both the underlying commodity and the derivative. The hedging relationship is also stress-tested against the level of credit risk of the counterparty in the derivative transaction.

The hedge ratio is defined consistently with the Company's risk management objectives, under a defined risk management strategy.

The hedging relationship is discontinued when it ceases to meet the qualifying criteria and the risk management objectives on the basis of which hedge accounting has initially been applied.

The effects of the measurement at fair value of cash flow hedge derivatives are given in note 25 - Equity. Information on hedged risks and hedging policies is disclosed in note 27 - Guarantees, commitments and risks - Risk factors.

In 2020, the exposure to the exchange rate risk deriving from securities denominated in US dollars included in the strategic liquidity portfolio amounting to €1,335 million was hedged by using, in a fair value hedge relationship, negative exchange differences for €120 million resulting on a portion of bonds denominated in US dollars amounting to €1,546 million.

Options embedded in convertible bonds relate to equity-linked cash settled. More information is disclosed in note 18 - Finance debts.

The offsetting of financial derivatives related to Eni Trading & Shipping.

During 2020, there were no transfers between the different hierarchy levels of fair value.

Hedging derivative instruments are disclosed below:

(€million)	December 31, 2020			December 31, 2019		
	Nominal amount of the hedging instrument	Change in fair value (effective hedge)	Change in fair value (ineffective hedge)	Nominal amount of the hedging instrument	Change in fair value (effective hedge)	Change in fair value (ineffective hedge)
Cash flow hedge derivatives						
<i>Derivatives on commodity</i>						
- Over the counter	821	(438)		2,179	(1,357)	(2)
- Future	541	158	(1)	1,245	(61)	
	1,362	(280)	(1)	3,424	(1,418)	(2)

The breakdown of the underlying asset or liability by type of risk hedged under cash flow hedge is provided below:

(€million)	December 31, 2020			December 31, 2019		
	Change of the underlying asset used for the calculation of hedging ineffectiveness	CFH reserve	Reclassification adjustments	Change of the underlying asset used for the calculation of hedging ineffectiveness	CFH reserve	Reclassification adjustments
Cash flow hedge derivatives						
<i>Commodity price risk</i>						
- Planned sales	284	(7)	(941)	1,444	(656)	(739)
	284	(7)	(941)	1,444	(656)	(739)

More information is reported in note 27 — Guarantees, Commitments and Risks — Financial risks.

Effects recognized in other operating profit (loss)

Other operating profit (loss) related to derivative financial instruments on commodity was as follows:

(€million)	2020	2019	2018
Net income (loss) on cash flow hedging derivatives	(1)	(2)	
Net income (loss) on other derivatives	(765)	289	129
	(766)	287	129

Net income (loss) on cash flow hedging derivatives related to the ineffective portion of the hedging relationship on commodity derivatives was recognized through profit and loss.

Net income (loss) on other derivatives included the fair value measurement and settlement of commodity derivatives which could not be elected for hedge accounting under IFRS because they related to net exposure to commodity risk and derivatives for trading purposes and proprietary trading.

Effects recognized in finance income (loss)

(€million)	2020	2019	2018
Derivatives on exchange rate	391	9	(329)
Derivatives on interest rate	(40)	(23)	22
	351	(14)	(307)

Net financial income from derivative financial instruments was recognized in connection with the fair value valuation of certain derivatives which lacked the formal criteria to be treated in accordance with hedge accounting under IFRS, as they were entered into for amounts equal to the net exposure to exchange rate risk and interest rate risk, and as such, they cannot be referred to specific trade or financing transactions. Exchange rate derivatives were entered into in order to manage exposures to foreign currency exchange rates arising from the pricing formulas of commodities.

More information is disclosed in note 36 - Transactions with related parties.

Assets held for sale and liabilities directly associated with assets held for sale	12 Months Ended
	Dec. 31, 2020
Assets held for sale and liabilities directly associated with assets held for sale	
Assets held for sale and liabilities directly associated with assets held for sale	24 Assets held for sale and liabilities directly associated with assets held for sale
As of December 31, 2020, assets held for sale related to sales of tangible assets for €4 million (€18 million at December 31,2019).	

Equity	12 Months Ended		
	Dec. 31, 2020		
Equity			
Equity	25 Equity		
	Equity attributable to equity holders of Eni		
	(€million)	December 31, 2020	December 31, 2019
	Share capital	4,005	4,005
	Retained earnings	34,043	35,894
	Cumulative currency translation differences	3,895	7,209
	Other reserves and equity instruments:		
	- Perpetual subordinated bonds	3,000	
	- Legal reserve	959	959
	- Reserve for treasury shares	581	981
	- Reserve for OCI on cash flow hedging derivatives net of the tax effect	(5)	(465)
	- Reserve for OCI on defined benefit plans net of tax effect	(165)	(173)
	- Reserve for OCI on equity-accounted investments	92	60
	- Reserve for OCI on other investments valued at fair value	36	12
	- Other reserves	190	190
	Treasury shares	(581)	(981)
	Net profit (loss) for the year	(8,635)	148
		37,415	47,839
	Share capital		
	As of December 31, 2020, the parent company’s issued share capital consisted of €4,005,358,876 (same amount as of December 31, 2019) represented by 3,605,594,848 ordinary shares without nominal value (3,634,185,330 at December 31, 2019).		
	On May 13, 2020, Eni’s Shareholders’ Meeting declared: (i) to distribute a dividend of €0.43 per share, with the exclusion of treasury shares held at the ex-dividend date, in full settlement of the 2019 dividend of €0.86 per share, of which €0.43 per share paid as interim dividend. The balance was paid on May 20, 2020, to shareholders on the register on May 18, 2020, record date on May 19, 2020; (ii) to cancel 28,590,482 treasury shares without nominal value maintaining unchanged the share capital and reducing the related reserve for an amount of €399,999,994.58, equal to the carrying value of the shares cancelled.		
	Retained earnings		
	Retained earnings include the interim dividend distribution effect for 2020 amounting to €429 million corresponding to €0.12 per share, as resolved by the Board of Directors on September 15, 2020, in accordance with Article 2433-bis, paragraph 5 of the Italian Civil Code; the dividend was paid on September 23, 2020.		
	Cumulative foreign currency translation differences		
	The cumulative foreign currency translation differences arose from the translation of financial statements denominated in currencies other than euro.		
	Perpetual subordinated hybrid bonds		
	Eni issued two euro-denominated perpetual subordinated hybrid bonds for an aggregate nominal amount of €3 billion; issuing costs amounted to €25 million.		
	The hybrid bonds are governed by English law and are traded on the regulated market of the Luxembourg Stock Exchange.		
	The key characteristics of the two bonds are: (i) an issue of €1.5 billion perpetual 5.25-year subordinated non-call hybrid notes with a re-offer price of 99.403% and an annual fixed coupon of 2.625% until the first reset date of January 13, 2026. As from such date, unless it has been redeemed in whole on or before the first reset date, which is the last day for the first optional redemption, the bond will bear interest per annum determined according to the relevant 5-year Euro Mid Swap rate plus an initial spread of 316.7 basis points, increased by an additional 25 basis points as from January 13, 2031 and a subsequent increase of additional 75 basis points as from January 13, 2046; (ii) an issue of €1.5 billion perpetual 9-year subordinated non-call hybrid notes with a re-offer price of 100% and an annual fixed coupon of 3.375% until the first reset date of October 13, 2029. As from such date, unless it has been redeemed in whole on or before the first reset date, which is the last day for the first optional redemption, the bond will bear interest per annum determined according to the relevant 5-year Euro Mid Swap rate plus an initial spread of 364.1 basis points, increased by additional 25 basis		

points as from October 13, 2034 and a subsequent increase of additional 75 basis points as from October 13, 2049.

Legal reserve

This reserve represents earnings restricted from the payment of dividends pursuant to Article 2430 of the Italian Civil Code. The legal reserve has reached the maximum amount required by the Italian Law.

Reserve for treasury shares

The reserve for treasury shares represents the reserve that was established in previous reporting periods to repurchase the Company shares in accordance with resolutions at Eni's Shareholders' Meetings.

Reserves for Other Comprehensive Income

(€million)	Reserve for OCI on cash flow hedge derivatives			Reserve for OCI on defined benefit plans ¹			Reserve for OCI equity-accounted investments	Reserve for OCI on Investments fair value
	Gross reserve	Deferred tax liabilities	Net reserve	Gross reserve	Deferred tax liabilities	Net reserve		
Reserve as of December 31, 2019	(656)	191	(465)	(190)	17	(173)	60	12
Changes of the year	(280)	81	(199)	(16)	25	9	32	24
Foreign currency translation differences				(6)	5	(1)		
Reversal to inventories adjustments	(12)	3	(9)					
Reclassification adjustments	941	(273)	668					
Reserve as of December 31, 2020	(7)	2	(5)	(212)	47	(165)	92	36
Reserve as of December 31, 2018	(13)	4	(9)	(143)	13	(130)	66	15
Changes of the year	(1,418)	411	(1,007)	(49)	5	(44)	(6)	(3)
Foreign currency translation differences				(3)		(3)		
Change in scope of consolidation				5	(1)	4		
Reversal to inventories adjustments	36	(10)	26					
Reclassification adjustments	739	(214)	525					
Reserve as of December 31, 2019	(656)	191	(465)	(190)	17	(173)	60	12

* OCI for defined benefit plans at December 31, 2020 includes €7 million relating to equity-accounted investments (€7 million at December 31, 2019)

Other reserves

Other reserves related to a reserve of €127 million representing the increase in equity attributable to Eni associated with a business combination under common control, whereby the parent company Eni SpA divested its subsidiaries.

Treasury shares

A total of 33,045,197 of Eni's ordinary shares (61,635,679 at December 31, 2019) were held in treasury for a total cost of €81 million (€81 million at December 31, 2019).

On May 13, 2020, the Shareholders Meeting approved the Long-Term Monetary Incentive Plan 2020-2022 and empowered the Board of Directors to execute the Plan by authorizing it to dispose up to a maximum of 20 million of treasury shares in service of the Plan.

Distributable reserves

As of December 31, 2020, equity attributable to Eni included distributable reserves of approximately €30 billion.

Reconciliation of net profit and equity attributable to Eni of the parent company Eni SpA to consolidated net profit and equity attributable to Eni

(€million)	Net profit		Shareholders' equity	
	2020	2019	December 31, 2020	December 31, 2019
As recorded in Eni SpA's Financial Statements	1,607	2,978	44,707	41,636

Excess of net equity stated in the separate accounts of consolidated subsidiaries over the corresponding carrying amounts of the parent company	(10,660)	(2,800)	(8,839)	5,211
Consolidation adjustments:				
- difference between purchase cost and underlying carrying amounts of net equity	(6)	(6)	193	202
- adjustments to comply with Group accounting policies	264	(348)	2,086	1,424
- elimination of unrealized intercompany profits	88	(74)	(478)	(593)
- deferred taxation	79	405	(176)	20
	(8,628)	155	37,493	47,900
Non-controlling interest	(7)	(7)	(78)	(61)
As recorded in Consolidated Financial Statements	(8,635)	148	37,415	47,839

Other information	12 Months Ended		
	Dec. 31, 2020		
Other information			
Other information	26 Other information		
Supplemental cash flow information			
(€million)	2020	2019	2018
Investment in consolidated subsidiaries and businesses			
Current assets	15	1	44
Non-current assets	193	12	198
Net borrowings	(64)		11
Current and non-current liabilities	(17)	(6)	(47)
Net effect of investments	127	7	206
Fair value of investments held before the acquisition of control			(50)
Non-controlling interests	(15)	(2)	
Gain on a bargain purchase			(8)
Purchase price	112	5	148
less:			
Cash and cash equivalents	(3)		(29)
Consolidated subsidiaries and businesses net of cash and cash equivalent acquired	109	5	119
Disposal of consolidated subsidiaries and businesses			
Current assets		77	328
Non-current assets		188	5,079
Net borrowings		11	785
Current and non-current liabilities		(57)	(3,470)
Net effect of disposals		219	2,722
Reclassification of foreign currency translation differences among other items of comprehensive income		(24)	113
Fair value of share capital held after the sale of control			(3,498)
Fair value valuation for business combination			889
Gain (loss) on disposal		16	13
Selling price		211	239
less:			
Cash and cash equivalents		(24)	(286)
Consolidated subsidiaries and businesses net of cash and cash equivalent disposed of		187	(47)
Investments in 2020 related to the acquisition by Eni gas e luce SpA of a 70% controlling stake in Evolvere, a group operating in the business of distributed generation from renewable sources for €97 million, net of acquired cash of €3 million, and to the acquisition by Eni New Energy SpA of the whole capital of three companies holding authorization rights for the construction of three wind projects in Puglia for €12 million. The allocation of the purchase price of both business combinations is final.			
Investments in 2019 concerned: (i) the acquisition of a 60% stake of SEA SpA, which supplies services and solutions for energy efficiency in the residential and industrial segments in Italy; (ii) the acquisition of the residual 32% interest in the joint operation Petroven Srl, which operates storage facilities of petroleum products.			
Disposals in 2019 concerned the sale of 100% of the stake of Agip Oil Ecuador BV, which retains a service contract for the development of the Villano oil field.			
Investments in 2018 concerned: (i) the acquisition of the business by Versalis SpA of the “bio” activities of the Mossi & Ghisolfi Group, related to development, industrialization, licensing of bio-chemical technologies and processes based on use of renewable sources for €75 million; (ii) the acquisition of the remaining 51% stake in the Gas Supply Company of Thessaloniki - Thessalia SA which distributes and sells gas in Greece for €24 million, net of cash acquired of €28 million; (iii) the acquisition of the company Mestni Plinovodi distribucija plina doo, which distributes and sells gas in Slovenia for €15 million, net of cash acquired for €1 million. The gain from bargain purchase, recognized in Other income and revenues, was due to the obtainable synergies from the greater ability to recover the investments made by the acquired company due to the combination of customer portfolios.			
Disposals in 2018 concerned: (i) the loss of control of Eni Norge AS resulting from the business combination with Point Resources AS, with the establishment of the equity-accounted joint venture Vår Energi AS (Eni’s interest 69.60%), that will develop the project portfolio of the combined entities. The operation entailed the change in scope of consolidation of €2,486 million of net assets, of which cash and cash equivalents for €258 million, the recognition of the investment in Vår Energi AS for €3,498 million and a fair value gain of €889 million, net of negative exchange rate differences of €123 million; (ii) the sale of 98.99% (entire stake owned) of Tigáz Zrt and Tigáz Dso (100% Tigáz Zrt) operating in the gas distribution business in Hungary to the MET Holding AG group for €145 million net of cash divested of €13 million; (iii) the sale by Lasmo Sanga Sanga of the business relating to a 26.25% stake (entire stake owned) in the PSA of the Sanga Sanga gas and condensates field for €33			

million; (iv) the sale of 100% of Eni Croatia BV, which owns shares of gas projects in Croatia to INA-Industrija Nafte dd for €20 million, net of cash divested of €15 million; (v) the sale of 100% of Eni Trinidad and Tobago Ltd, which holds a share of a gas project in Trinidad and Tobago for €10 million.

Guarantees, commitments and risks	12 Months Ended	
	Dec. 31, 2020	
Guarantees, commitments and risks		
Guarantees, commitments and risks	27 Guarantees, commitments and risks	
Guarantees		
(€million)	December 31, 2020	December 31, 2019
Consolidated subsidiaries	4,758	4,323
Unconsolidated subsidiaries	176	197
Joint ventures and associates	3,800	4,075
Others	150	267
	8,884	8,862
Guarantees issued on behalf of consolidated subsidiaries of €4,758 million (€4,323 million at December 31, 2019) primarily consisted of guarantees given to third parties relating to bid bonds and performance bonds for €3,209 million (€2,886 million at December 31,2019). At December 31, 2019, the underlying commitment issued on behalf of consolidated subsidiaries covered by such guarantees was €4,520 million (€4,013 million at December 31, 2019).		
Guarantees issued on behalf of joint ventures and associates of €3,800 million (€4,075 million at December 31, 2019) primarily consisted of: (i) unsecured guarantees and other guarantees for €1,533 million issued towards banks and other lending institutions in relation to loans and lines of credit received (€1,676 million at December 31, 2019), of which €1,304 million (€1,425 million at December 31, 2019) related to guarantees issued as part of the Coral development project offshore Mozambique with respect to the financing agreements of the project with Export Credit Agencies and banks; (ii) guarantees given to third parties relating to bid bonds and performance bonds for €1,544 million (€1,661 million at December 31, 2019), of which €1,079 million (€1,168 million at December 31, 2019) related to guarantees issued towards the contractors who are building a floating vessel for gas liquefaction and exportation (FLNG) as part of the Coral development project offshore Mozambique; (iii) an unsecured guarantee of €499 million (same amount as of December 31, 2019) given by Eni SpA on behalf of the participated Saipem joint-venture to Treno Alta Velocità - TAV SpA (now RFI - Rete Ferroviaria Italiana SpA) for the proper and timely completion of a project for the construction of the Milan-Bologna fast track railway by the CEPAV (Consorzio Eni per l’Alta Velocità) Uno; (iv) a guarantee issued in favor of Gulf LNG Energy and Gulf LNG Pipeline and on behalf of Angola LNG Supply Service Llc (Eni’s interest 13.60%) to cover contractual commitments of paying re-gasification fees for €165 million (€181 million at December 31, 2019). At December 31, 2020, the underlying commitment issued on behalf of joint ventures and associates covered by such guarantees was €1,898 million (€2,109 million at December 31, 2019).		
Guarantees issued on behalf of third parties of €150 million (€267 million at December 31, 2019) related for €145 million (€158 million at December 31, 2019) to the share of the guarantee attributable to the State oil Company of Mozambique ENH, which was assumed by Eni in favor of the consortium financing the construction of the Coral project FLNG vessel. At December 31, 2020, the underlying commitment issued on behalf of third parties covered by such guarantees was €87 million (€80 million at December 31, 2019).		
As provided by the contract that regulates the petroleum activities in Area 4 offshore Mozambique, Eni SpA in its capacity as parent company of the operator Mozambique Rovuma Venture SpA has provided concurrently with the approval of the development plan of the reserves which are located exclusively within the concession area, an irrevocable and unconditional parent company guarantee in respect of any possible claims or any contractual breaches in connection with the petroleum activities to be carried out in the contractual area, including those activities in charge of the special purpose entities like Coral FLNG SA, to the benefit of the Government of Mozambique and third parties. The obligations of the guarantor towards the Government of Mozambique are unlimited (non-quantifiable commitments), whereas they provide a maximum liability of €1,223 million in respect of third-parties claims. This guarantee will be effective until the completion of any decommissioning activity related to both the development plan of Coral as well as any development plan to be executed within Area 4 (particularly the Mamba project). This parent company guarantee issued by Eni covering 100% of the aforementioned obligations was taken over by the other concessionaires (Kogas, Galp and ENH) and by ExxonMobil and CNPC shareholders of the joint operation Mozambico Rovuma Venture SpA, in proportion to their respective participating interest in Area 4.		
Commitments and risks		
(€million)	December 31, 2020	December 31, 2019
Commitments	69,998	74,338
Risks	600	676
	70,598	75,014
Commitments related to: (i) parent company guarantees that were issued in connection with certain contractual commitments for hydrocarbon exploration and production activities and quantified, based on the capital expenditures to be incurred, to be €64,294 million (€65,374 million at December 31, 2019). The decrease of €1,080 million was primarily determined by negative exchange rate differences; (ii) a parent company guarantee of €3,260 million (€6,527 million at December 31, 2019) given on behalf of Eni Abu Dhabi Refining & Trading BV following the Share Purchase Agreement to acquire from Abu Dhabi National Oil Company (ADNOC) a 20% equity interest in ADNOC Refining and the set-up of ADNOC Global Trading Ltd dedicated to marketing petroleum products. The decrease of €3,267 million related to the extinction of the parent company guarantee, issued to guarantee the obligations under the Share Purchase Agreement, following the payment of the deferred consideration amounting to €73 million. The parent company guarantee still outstanding has been issued to guarantee the obligations set out in the Shareholders Agreements and will remain in force as long as the investment is maintained; (iii) commitments assumed by Eni USA Gas Marketing Llc towards Angola LNG Supply Service Llc for the purchase of volumes of re-gasified gas at the		

Pascagoula plant (United States) over a twenty-year period (until 2031). The expected commitments were estimated at €1,672 million (€1,978 million at December 31, 2019) and have been included in off-balance sheet contractual commitments in the table “Future payments under contractual obligations” in the paragraph Liquidity risk. However, since the project has been abandoned by the partners, Eni does not expect to make any payment under those contractual obligations. In 2018, the contractual commitment signed in December 2007 between Eni USA Gas Marketing Llc and Gulf LNG Energy Llc (GLE) and Gulf LNG Pipeline Llc (GLP) for the purchase of long-term regasification and transport services (until 2031) amounting at December 31, 2017 to €948 million (undiscounted) ceased due to an arbitration ruling. The jurors established that the commitment was resolved by March 1, 2016 and recognized to the counterparty an equitable compensation of €324 million. Despite the ruling of the arbitration court invalidating the contract, GLE and GLP filed a claim with the Supreme Court of New York against Eni SpA demanding the enforcement of the parent company guarantee issued by Eni for the payment of the regasification fees until the original due date of the contract (2031) for a maximum amount of €757 million. Eni believes that the claims by GLE and GLP have no merit and is defending the action; (iv) the commitment to purchase of a 20% stake of the project relating to the Dogger Bank (A and B) wind facility in the North Sea for €451 million; (v) the commitment to purchase the remaining 60% stake of Finproject SpA, a company engaged in the compounding sector for €150 million; (vi) a memorandum of intent signed with the Basilicata Region, whereby Eni has agreed to invest €108 million (€114 million at December 31, 2019) in the future, also on account of Shell Italia E&P SpA, in connection with Eni’s development plan of oilfields in Val d’Agri. The commitment has been included in the off-balance sheet contractual commitments in the following paragraph “Liquidity risk”.

Risks relate to potential risks associated with: (i) contractual assurances given to acquirers of certain investments and businesses of Eni for €230 million (€248 million at December 31, 2019); (ii) assets of third parties under the custody of Eni for €370 million (€428 million at December 31, 2019).

Other commitments and risks

A parent company guarantee was issued on behalf of Cardón IV SA (Eni’s interest 50%), a joint venture operating the Perla gas field located in Venezuela, for the supply to PDVSA GAS of the volumes of gas produced by the field until the end of the concession agreement (2036). This guarantee cannot be quantified because the penalty clause for unilateral anticipated resolution originally set for Eni and the relevant quantification became ineffective due to a revision of the contractual terms. In case of failure on part of the operator to deliver the contractual gas volumes out of production, the claim under the guarantee will be determined by applying the local legislation. Eni’s share (50%) of the contractual volumes of gas to be delivered to PDVSA GAS amounted to a total of around €12 billion. Notwithstanding this amount does not properly represent the guarantee exposure, nonetheless such amount represents the maximum financial exposure at risk for Eni. A similar guarantee was issued by PDVSA on behalf of Eni for the fulfillment of the purchase commitments of the gas volumes by PDVSA GAS.

Other commitments include the agreements entered into for forestry initiatives, implemented within the low carbon strategy defined by the Company,concerning the commitments for the purchase, until 2038,of carbon credits produced and certified according to international standards by subjects specialized in forest conservation programs.

Eni is liable for certain non-quantifiable risks related to contractual guarantees given to acquirers of certain Eni assets, including businesses and investments, against certain contingent liabilities deriving from tax, social security contributions, environmental issues and other matters applicable to periods during which such assets were operated by Eni. Eni believes such matters will not have a material adverse effect on Eni’s results of operations and cash flow.

Risk factors

The following is the description of financial risks and their management and control. With reference to the issues related to credit risk, the parameters adopted for the determination of expected losses and, in particular, the estimates of the probability of default and the loss given default have been updated to take into account the impacts of COVID-19 and its related effects on the economic context and the degree of solvency of Eni's counterparts.

The crisis in energy consumption connected to lockdown measures adopted by the governments around the world to contain the spread of the pandemic and the consequent collapse in hydrocarbon prices have led to a significant contraction in Eni's operating cash flows. Management has adopted all the necessary actions to protect the liquidity and the capital ratios of the Company by reducing costs and investments, by updating the shareholders' remuneration policy and by recurring to capital market as described in the section Impact of COVID-19 pandemic of the Management Report, to which reference is made. As of December 31, 2020, the Company retains liquidity reserves that management deems enough to meet the financial obligations due in the next eighteen months.

No significant effects were reported on hedging transactions connected to the impacts of COVID-19 on the economic context.

Financial risks

Financial risks are managed in respect of guidelines issued by the Board of Directors of Eni SpA in its role of directing and setting the risk limits, targeting to align and centrally coordinate Group companies’ policies on financial risks (“Guidelines on financial risks management and control”). The “Guidelines” define for each financial risk the key components of the management and control process, such as the aim of the risk management, the valuation methodology, the structure of limits, the relationship model and the hedging and mitigation instruments.

Market risk

Market risk is the possibility that changes in currency exchange rates, interest rates or commodity prices will adversely affect the value of the Group’s financial assets, liabilities or expected future cash flows. The Company actively manages market risk in accordance with a set of policies and guidelines that provide a centralized model of handling finance, treasury and risk management transactions based on the Company’s departments of operational finance: the parent company’s (Eni SpA) finance department, Eni Finance International SA, Eni Finance USA Inc and Banque Eni SA, which is subject to certain bank regulatory restrictions preventing the Group’s exposure to concentrations of credit risk, and Eni Trading & Shipping that is in charge to execute certain activities relating to commodity derivatives. In particular, Eni Corporate finance department, Eni Finance International SA and Eni Finance USA Inc manage subsidiaries’ financing requirements in and outside Italy and

in the United States of America, respectively, covering funding requirements and using available surpluses. All transactions concerning currencies and derivative contracts on interest rates and currencies different from commodities are managed by the parent company, while Eni Trading & Shipping SpA executes the negotiation of commodity derivatives over the market. Eni SpA and Eni Trading & Shipping SpA (also through its subsidiary Eni Trading & Shipping Inc) perform trading activities in financial derivatives on external trading venues, such as European and non-European regulated markets, Multilateral Trading Facility (MTF), Organized Trading Facility (OTF), or similar and brokerage platforms (i.e. SEF), and over the counter on a bilateral basis with external counterparties. Other legal entities belonging to Eni that require financial derivatives enter into these transactions through Eni Trading & Shipping and Eni SpA based on the relevant asset class expertise. Eni uses derivative financial instruments (derivatives) in order to minimize exposure to market risks related to fluctuations in exchange rates relating to those transactions denominated in a currency other than the functional currency (the euro) and interest rates, as well as to optimize exposure to commodity prices fluctuations taking into account the currency in which commodities are quoted. Eni monitors every activity in derivatives classified as risk-reducing (in particular, back-to-back activities, flow hedging activities, asset-backed hedging activities and portfolio-management activities) directly or indirectly related to covered industrial assets, so as to effectively optimize the risk profile to which Eni is exposed or could be exposed. If the result of the monitoring shows those derivatives should not be considered as risk reducing, these derivatives are reclassified in proprietary trading. As proprietary trading is considered separately from the other activities in specific portfolios of Eni Trading & Shipping, its exposure is subject to specific controls, both in terms of Value at Risk (VaR) and stop loss and in terms of nominal gross value. For Eni, the gross nominal value of proprietary trading activities is compared with the limits set by the relevant international standards. The framework defined by Eni’s policies and guidelines provides that the valuation and control of market risk is performed on the basis of maximum tolerable levels of risk exposure defined in terms of: (i) limits of stop loss, which expresses the maximum tolerable amount of losses associated with a certain portfolio of assets over a pre-defined time horizon; (ii) limits of revision strategy, which consist in the triggering of a revision process of the strategy in the event of exceeding the level of profit and loss given; and (iii) VaR which measures the maximum potential loss of the portfolio, given a certain confidence level and holding period, assuming adverse changes in market variables and taking into account the correlation among the different positions held in the portfolio. Eni’s finance department defines the maximum tolerable levels of risk exposure to changes in interest rates and foreign currency exchange rates in terms of VaR, pooling Group companies’ risk positions maximizing, when possible, the benefits of the netting activity. Eni’s calculation and valuation techniques for interest rate and foreign currency exchange rate risks are in accordance with banking standards, as established by the Basel Committee for bank activities surveillance. Tolerable levels of risk are based on a conservative approach, considering the industrial nature of the Company. Eni’s guidelines prescribe that Eni Group companies minimize such kinds of market risks by transferring risk exposure to the parent company finance department. Eni’s guidelines define rules to manage the commodity risk aiming at optimizing core activities and pursuing preset targets of stabilizing industrial and commercial margins. The maximum tolerable level of risk exposure is defined in terms of VaR, limits of revision strategy, stop loss and volumes in connection with exposure deriving from commercial activities, as well as exposure deriving from proprietary trading, exclusively managed by Eni Trading & Shipping. Internal mandates to manage the commodity risk provide for a mechanism of allocation of the Group maximum tolerable risk level to each business unit. In this framework, Eni Trading & Shipping, in addition to managing risk exposure associated with its own commercial activity and proprietary trading, pools the requests for negotiating commodity derivatives and executes them in the marketplace.

According to the targets of financial structure included in the financial plan approved by the Board of Directors, Eni decided to retain a cash reserve to face any extraordinary requirement. Eni’s finance department, with the aim of optimizing the efficiency and ensuring maximum protection of capital, manages such reserve and its immediate liquidity within the limits assigned. The management of strategic cash is part of the asset management pursued through transactions on own risk in view of optimizing financial returns, while respecting authorized risk levels, safeguarding the Company’s assets and retaining quick access to liquidity.

The four different market risks, whose management and control have been summarized above, are described below.

Market risk - Exchange rate

Exchange rate risk derives from the fact that Eni’s operations are conducted in currencies other than euro (mainly U.S. dollar). Revenues and expenses denominated in foreign currencies may be significantly affected by exchange rate fluctuations due to conversion differences on single transactions arising from the time lag existing between execution and definition of relevant contractual terms (economic risk) and conversion of foreign currency-denominated trade and financing payables and receivables (transactional risk). Exchange rate fluctuations affect the Group’s reported results and net equity as financial statements of subsidiaries denominated in currencies other than euro are translated from their functional currency into euro. Generally, an appreciation of U.S. dollar versus euro has a positive impact on Eni’s results of operations, and vice versa. Eni’s foreign exchange risk management policy is to minimize transactional exposures arising from foreign currency movements and to optimize exposures arising from commodity risk. Eni does not undertake any hedging activity for risks deriving from the translation of foreign currency denominated profits or assets and liabilities of subsidiaries, which prepare financial statements in a currency other than euro, except for single transactions to be evaluated on a case-by-case basis. Effective management of exchange rate risk is performed within Eni’s finance departments, which pool Group companies’ positions, hedging the Group net exposure by using certain derivatives, such as currency swaps, forwards and options. Such derivatives are evaluated at fair value based on market prices provided by specialized info-providers. Changes in fair value of those derivatives are normally recognized through profit and loss, as they do not meet the formal criteria to be recognized as hedges. The VaR techniques are based on variance/covariance simulation models and are used to monitor the risk exposure arising from possible future changes in market values over a 24-hour period within a 99% confidence level and a 20-day holding period.

Market risk - Interest rate

Changes in interest rates affect the market value of financial assets and liabilities of the Company and the level of finance charges. Eni’s interest rate risk management policy is to minimize risk with the aim to achieve financial structure objectives defined and approved in management’s finance plans. The Group’s central departments pool borrowing requirements of the Group companies in order to manage net positions and fund portfolio developments consistent with management plans, thereby maintaining a level of risk exposure within prescribed limits. Eni enters into interest rate derivative transactions, in particular interest rate swaps, to manage effectively the balance between fixed and floating rate debt. Such derivatives are evaluated at fair value based on market prices provided from specialized sources. VaR deriving from interest rate exposure is measured daily based on a variance/covariance model, with a 99% confidence level and a 20-day holding period.

Market risk - Commodity

Eni’s results of operations are affected by changes in the prices of commodities. The commodity price risk arises in connection with the following exposures: (i) strategic exposure: exposures directly identified by the Board of Directors as a result of strategic investment decisions or outside the planning horizon of risk management. These exposures include those associated with the

program for the production of proved and unproved oil&gas reserves, long-term gas supply contracts for the portion not balanced by ongoing or highly probable sale contracts, refining margins identified by the Board of Directors of strategic nature (the remaining volumes can be allocated to the active management of the margin or to asset-backed hedging activities) and minimum compulsory stocks; (ii) commercial exposure: includes the exposures related to the components underlying the contractual arrangements of industrial and commercial activities and, if related to take-or-pay commitments to purchase natural gas, to the components related to the time horizon of the four-year plan and budget and the relevant activities of risk management. Commercial exposures are characterized by a systematic risk management activity conducted based on risk/return assumptions by implementing one or more strategies and subjected to specific risk limits (VaR, revision strategy limits and stop loss). In particular, the commercial exposures include exposures subjected to asset-backed hedging activities, arising from the flexibility/optionality of assets; and (iii) proprietary trading exposure: includes operations independently conducted for profit purposes in the short term, and normally not for the purpose of delivery, both within the commodity and financial markets, with the aim to obtain a profit upon the occurrence of a favorable result in the market, in accordance with specific limits of authorized risk (VaR, stop loss). Origination activities are included in the proprietary trading exposures, if not connected to contractual or physical assets.

Strategic risk is not subject to systematic activity of management/coverage that is eventually carried out only in case of specific market or business conditions. Because of the extraordinary nature, hedging activities related to strategic risks are delegated to the top management. Strategic risk is subject to measuring and monitoring but is not subject to specific risk limits. If previously authorized by the Board of Directors, exposures related to strategic risk can be used in combination with other commercial exposures in order to exploit opportunities for natural compensation between the risks (natural hedge) and consequently reduce the use of derivatives (by activating logics of internal market). Eni manages exposure to commodity price risk arising in normal trading and commercial activities in view of achieving stable economic results. Eni manages the commodity risk through the trading unit of Eni Trading & Shipping and the exposure to commodity prices through the Group's finance departments by using derivatives traded on the organized markets MTF, OTF and derivatives traded over the counter (swaps, forward, contracts for differences and options on commodities) with the underlying commodities being crude oil, gas, refined products, power or emission certificates. Such derivatives are valued at fair value based on market prices provided from specialized sources or, absent market prices, on the basis of estimates provided by brokers or suitable valuation techniques. VaR deriving from commodity exposure is measured daily based on a historical simulation technique, with a 95% confidence level and a one-day holding period.

Market risk - Strategic liquidity

Market risk deriving from liquidity management is identified as the possibility that changes in prices of financial instruments (bonds, money market instruments and mutual funds) would affect the value of these instruments when valued at fair value. The setting up and maintenance of the liquidity reserve is mainly aimed to guarantee a proper financial flexibility. Liquidity should allow Eni to fund any extraordinary need (such as difficulty in access to credit, exogenous shock, macroeconomic environment, as well as merger and acquisitions) and must be dimensioned to provide a coverage of short-term debts and a coverage of medium and long-term finance debts due within a time horizon of 24 months. In order to manage the investment activity of the strategic liquidity, Eni defined a specific investment policy with aims and constraints in terms of financial activities and operational boundaries, as well as governance guidelines regulating management and control systems. In particular, strategic liquidity management is regulated in terms of VaR (measured based on a parametrical methodology with a one-day holding period and a 99% confidence level), stop loss and other operating limits in terms of concentration, issuing entity, business segment, country of emission, duration, ratings and type of investing instruments in portfolio, aimed to minimize market and liquidity risks. Financial leverage or short selling is not allowed. Activities in terms of strategic liquidity management started in the second half of the year 2013 (Euro portfolio) and throughout the course of the year 2017 (U.S. dollar portfolio). In 2020, the Euro investment portfolio has maintained an average credit rating of A-/BBB+, whereas the USD investment portfolio has maintained an average credit rating of A+/A, both in line with the year 2019.

The following tables show amounts in terms of VaR, recorded in 2020 (compared with 2019) relating to interest rate and exchange rate risks in the first section and commodity risk. Regarding the management of strategic liquidity, the sensitivity to changes of interest rate is expressed by values of “Dollar value per Basis Point” (DVBP).

(Value at risk - parametric method variance/covariance; holding period: 20 days; confidence level: 99%)

(€million)	2020				2019			
	High	Low	Average	At year end	High	Low	Average	At year end
Interest rate ^(a)	7.39	1.18	2.93	1.34	5.19	2.44	3.80	3.00
Exchange rate ^(a)	0.48	0.10	0.28	0.18	0.41	0.07	0.17	0.15

(a) Value at risk deriving from interest and exchange rates exposures include the following finance departments: Eni Corporate Finance Department, Eni Finance International SA, Banque Eni SA and Eni Finance USA Inc.

(Value at risk — Historic simulation method; holding period: 1 day; confidence level: 95%)

(€million)	2020				2019			
	High	Low	Average	At year end	High	Low	Average	At year end
Commercial exposures – Management Portfolio ^(a)	16.10	3.02	8.50	3.02	23.03	7.74	11.22	9.11
Trading ^(b)	1.57	0.10	0.52	0.25	1.60	0.25	0.51	0.31

(a) Refers to the Gas & LNG Marketing Power business line (risk exposure from Refining & Marketing business line and Global Gas & LNG Portfolio), Eni Trading & Shipping commercial portfolio, operating branches outside Italy pertaining to the Divisions and from October 2016 the Gas e Luce business line. For the Global Gas & LNG Portfolio business lines, following the approval of the Eni's Board of Directors on December 12, 2013, VaR is calculated on the so-called Statutory view, with a time horizon that coincides with the year considering all the volumes delivered in the year and the relevant financial hedging derivatives. Consequently, during the year the VaR pertaining to GGP and EGL presents a decreasing trend following the progressive reaching of the maturity of the positions within the annual horizon.

(b) Cross-commodity proprietary trading, both for commodity contracts and financial derivatives, refers to Eni Trading & Shipping SpA (London-Bruxelles-Singapore) and Eni Trading & Shipping Inc (Houston).

(Sensitivity — Dollar value of 1 basis point — DVBP)

(€million)	2020				2019			
	High	Low	Average	At year end	High	Low	Average	At year end
Strategic liquidity ^(a)	0.37	0.29	0.32	0.30	0.37	0.31	0.35	0.33

(a) Management of strategic liquidity portfolio starting from July 2013.

(Sensitivity — Dollar value of 1 basis point — DVBP)

(\$ million)	2020				2019			
	High	Low	Average	At year end	High	Low	Average	At year end
Strategic liquidity ^(a)	0.07	0.03	0.05	0.05	0.05	0.02	0.04	0.05

(a) Management of strategic liquidity portfolio in \$ currency starting from August 2017.

Credit risk

Credit risk is the potential exposure of the Group to losses in case counterparties fail to perform or pay amounts due. Eni defined credit risk management policies consistent with the nature and characteristics of the counterparties of commercial and financial transactions regarding the centralized finance model. The Company adopted a model to quantify and control the credit risk based on the evaluation of the expected loss which represents the probability of default and the capacity to recover credits in default that is estimated through the so-called Loss Given Default. In the credit risk management and control model, credit exposures are distinguished by commercial nature, in relation to sales contracts on commodities related to Eni’s businesses, and by financial nature, in relation to the financial instruments used by Eni, such as deposits, derivatives and securities.

Credit risk for commercial exposures

Credit risk arising from commercial counterparties is managed by the business units and by the specialized corporate finance and dedicated administration departments and is operated based on formal procedures for the assessment of commercial counterparties, the monitoring of credit exposures, credit recovery activities and disputes. The credit worthiness of businesses and large clients is assessed through an internal rating model that combines different default factors deriving from economic variables, financial indicators, payment experiences and information from specialized primary info providers. The probability of default related to State Entities or their closely related counterparties (e.g. National Oil Company), essentially represented by the probability of late payments, is determined by using the country risk premiums adopted for the purposes of the determination of the WACCs for the impairment of non-financial assets. Furthermore, for retail positions without specific ratings, risk is determined by distinguishing customers in homogeneous risk clusters based on historical series of data relating to payments, periodically updated.

Credit risk for financial exposures

With regard to credit risk arising from financial counterparties deriving from current and strategic use of liquidity, derivative contracts and transactions with underlying financial assets valued at fair value, Eni has established internal policies providing exposure control and concentration through maximum credit risk limits corresponding to different classes of financial counterparties defined by the Company’s Board of Directors and based on ratings provided for by primary credit rating agencies. Credit risk arising from financial counterparties is managed by the Eni’s operating finance departments and Eni’s subsidiary Eni Trading & Shipping which specifically engages in commodity derivatives transactions and by Group companies and business units, only in the case of physical transactions with financial counterparties consistently with the Group centralized finance model. Eligible financial counterparties are closely monitored by each counterpart and by group of belonging to check exposures against the limits assigned daily and the expected loss analysis and the concentration periodically.

Liquidity risk

Liquidity risk is the risk that suitable sources of funding for the Group may not be available, or the Group is unable to sell its assets in the marketplace in order to meet short-term finance requirements and to settle obligations. Such a situation would negatively affect Group results, as it would result in the Company incurring higher borrowing expenses to meet its obligations or under the worst of conditions the inability of the Company to continue as a going concern. Eni’s risk management targets include the maintaining of an adequate level of liquidity readily available to deal with external shocks (drastic changes in the scenario, restrictions on access to capital markets, etc.) or to ensure an adequate level of operational flexibility for the development programs of the Company. The strategic liquidity reserve is employed in short-term marketable financial assets, favoring investments with very low risk profile.

At present, the Group believes to have access to sufficient funding to meet the current foreseeable borrowing requirements due to available cash on hand financial assets and lines of credit and the access to a wide range of funding opportunities which we believe we can activate at competitive costs through the credit system and the capital markets.

Eni has in place a program for the issuance of Euro Medium Term Notes up to €20 billion, of which about €16.3 billion were drawn as of December 31, 2020 (€13.9 billion by Eni SpA).

The Group has credit ratings of A- outlook negative and A-2, respectively, for long and short-term debt, assigned by Standard & Poor’s; Baa1 outlook stable and P-2, respectively, for long and short-term debt, assigned by Moody’s; A- outlook stable and F1, respectively for long and short-term debt, assigned by Fitch. Eni’s credit rating is linked in addition to the Company’s industrial

fundamentals and trends in the trading environment to the sovereign credit rating of Italy. Based on the methodologies used by the credit rating agencies, a downgrade of Italy’s credit rating may trigger a potential knock-on effect on the credit rating of Italian issuers such as Eni. During 2020, the rating of Eni remained unchanged.

As part of the Euro Medium Term Notes program, in 2020 the Company issued bonds for €3.5 billion (€3.0 billion by Eni SpA).

In October 2020, Eni placed two euro-denominated perpetual subordinated hybrid bond issues for an aggregate nominal amount of €3 billion. These are perpetual instruments with an early repayment option in favor of the issuer and classified as equity items. The rating agencies assigned to the bonds the following ratings Baa3 / BBB / BBB (Moody's / S&P / Fitch) and an “equity credit” of 50%.

As of December 31, 2020, Eni maintained short-term uncommitted unused borrowing facilities of €7,183 million. Committed unused borrowing facilities amounted to €5,295 million, of which €4,750 million due beyond 12 months. These facilities bore interest rates and fees for unused facilities that reflected prevailing market conditions.

Expected payments for liabilities, trade and other payables

The tables below summarize the Group main contractual obligations for finance debt and lease liability repayments, including expected payments for interest charges and derivatives.

(€million)	Maturity year						2026 and thereafter	Total
	2021	2022	2023	2024	2025			
December 31, 2020								
Non-current financial liabilities (including the current portion)	1,697	1,518	3,469	2,049	2,730		12,232	23,695
Current financial liabilities	2,882							2,882
Lease liabilities	815	593	503	442	413		2,218	4,984
Fair value of derivative instruments	1,609	26	13	50			73	1,771
	7,003	2,137	3,985	2,541	3,143		14,523	33,332
Interest on finance debt	502	473	461	387	360		1,164	3,347
Interest on lease liabilities	295	252	219	192	165		748	1,871
	797	725	680	579	525		1,912	5,218
Financial guarantees	1,072							1,072

(€million)	Maturity year						2025 and thereafter	Total
	2020	2021	2022	2023	2024			
December 31, 2019								
Non-current financial liabilities (including the current portion)	2,908	1,704	1,259	2,743	1,785		11,521	21,920
Current financial liabilities	2,452							2,452
Lease liabilities	884	632	487	434	424		2,761	5,622
Fair value of derivative instruments	2,704	2	14				34	2,754
	8,948	2,338	1,760	3,177	2,209		14,316	32,748
Interest on finance debt	594	452	353	342	269		1,667	3,677
Interest on lease liabilities	341	302	263	233	206		1,015	2,360
	935	754	616	575	475		2,682	6,037
Financial guarantees	926							926

Liabilities for leased assets including related interest for €2,429 million (€2,953 million at December 31, 2019) pertained to the share of joint operators participating in unincorporated ventures operated by Eni which will be recovered through a partner-billing process.

The table below presents the timing of the expenditures for trade and other payables.

(€million)	Maturity year			Total
	2021	2022 – 2025	2026 and thereafter	
December 31, 2020				
Trade payables	8,679			8,679
Other payables and advances	4,257	111	94	4,462
	12,936	111	94	13,141

(€million)	Maturity year			
	2020	2021 – 2024	2025 and thereafter	Total
December 31, 2019				
Trade payables	10,480			10,480
Other payables and advances	5,065	54	100	5,219
	15,545	54	100	15,699

Expected payments under contractual obligations²⁸

In addition to lease, financial, trade and other liabilities represented in the balance sheet, the Company is subject to non-cancellable contractual obligations or obligations, the cancellation of which requires the payment of a penalty. These obligations will require cash settlements in future reporting periods. These liabilities are valued based on the net cost for the company to fulfill the contract, which consists of the lowest amount between the costs for the fulfillment of the contractual obligation and the contractual compensation/penalty in the event of non-performance.

The Company’s main contractual obligations at the balance sheet date comprise take-or-pay clauses contained in the Company’s gas supply contracts or shipping arrangements, whereby the Company obligations consist of off-taking minimum quantities of product or service or, in case of failure, paying the corresponding cash amount that entitles the Company the right to collect the product or the service in future years. Future obligations in connection with these contracts were calculated by applying the forecasted prices of energy or services included in the four-year business plan approved by the Company’s Board of Directors.

The table below summarizes the Group principal contractual obligations as of the balance sheet date, shown on an undiscounted basis. Amounts expected to be paid in 2021 for decommissioning oil&gas assets and for environmental clean-up and remediation are based on management’s estimates and do not represent financial obligations at the closing date.

(€million)	Maturity year						
	2021	2022	2023	2024	2025	2026 and thereafter	Total
Decommissioning liabilities ^(a)	400	237	202	425	276	10,433	11,973
Environmental liabilities	383	323	267	255	196	839	2,263
Purchase obligations ^(b)	8,041	7,644	7,342	8,150	8,613	63,864	103,654
- Gas							
. take-or-pay contracts	6,196	6,852	6,809	7,691	8,392	63,477	99,417
. ship-or-pay contracts	893	519	480	439	212	359	2,902
- Other purchase obligations	952	273	53	20	9	28	1,335
Other obligations	2					106	108
- Memorandum of intent - Val d’Agri	2					106	108
Total	8,826	8,204	7,811	8,830	9,085	75,242	117,998

²⁸ Contractual obligations related to employee benefits are indicated in note 21 - Provisions for employee benefits.

- (a) Represents the estimated future costs for the decommissioning of oil and natural gas production facilities at the end of the producing lives of fields, well-plugging, abandonment and site restoration.
- (b) Represents any agreement to purchase goods or services that is enforceable and legally binding and that specifies all significant terms.

Capital investment and capital expenditure commitments

In the next four years, Eni expects capital investments and capital expenditures of €26.9 billion. The table below summarizes Eni’s capital expenditure commitments for property, plant and equipment and capital projects. Capital expenditure is considered to be committed when the project has received the appropriate level of internal management approval. At this stage, procurement contracts to execute those projects have already been awarded or are being awarded to third parties.

The amounts shown in the table below include committed expenditures to execute certain environmental projects.

(€million)	Maturity year					
	2021	2022	2023	2024	2025 and thereafter	Total
Committed projects	4,264	3,983	2,890	2,204	1,334	14,675

Other information about financial instruments

2020	2019
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(€million)	Finance income (expense) recognized in			Finance income (expense) recognized in		
	Carrying amount	Profit and loss account	OCI	Carrying amount	Profit and loss account	OCI
Financial instruments at fair value with effects recognized in profit and loss account						
Financial assets held for trading ^(a)	5,502	31		6,760	127	
Non-hedging and trading derivatives ^(b)	(19)	(415)		(125)	273	
Other investments valued at fair value ^(c)	957	150	24	929	247	(3)
Receivables and payables and other assets/liabilities valued at amortized cost						
Trade receivables and other ^(d)	10,955	(213)		12,926	(409)	
Financing receivables ^(e)	1,207	99		1,503	110	
Securities ^(a)	55			55		
Trade payables and other ^(a)	13,141	(31)		15,699	33	
Financing payables ^(f)	26,686	(632)		24,518	(802)	
Net assets (liabilities) for hedging derivatives ^(g)	(52)	(941)	661	(2)	(739)	(679)

- (a) Income or expense were recognized in the profit and loss account within "Finance income (expense)".
- (b) In the profit and loss account, economic effects were recognized as expense within "Other operating income (loss)" for €766 million (income for €287 million in 2019) and as income within "Finance income (expense)" for €351 million (loss for €14 million in 2019).
- (c) Income or expense were recognized in the profit and loss account within "Income (expense) from investments - Dividends".
- (d) Income or expense were recognized in the profit and loss account as net impairment losses within "Net (impairment losses) reversal of trade and other receivables" for €26 million (net impairment losses for €432 million in 2019) and as income within "Finance income (expense)" for €13 million (income for €23 million in 2019), including interest income calculated on the basis of the effective interest rate of €22 million (interest income for €26 million in 2019).
- (e) In the profit and loss account, income or expense were recognized as income within "Finance income (expense)", including interest income calculated on the basis of the effective interest rate of €2 million (income for €9 million in 2019) and net impairment losses for €1 million (net revaluations for €4 million in 2019).
- (f) In the profit and loss account, income or expense were recognized as expense within "Finance income (expense)", including interest expense calculated on the basis of the effective interest rate of €31 million (interest expense for €647 million in 2019).
- (g) In the profit and loss account, income or expense were recognized within "Sales from operations" and "Purchase, services and other".

Disclosures about the offsetting of financial instruments

(€million)	Gross amount of financial assets and liabilities	Gross amount of financial assets and liabilities subject to offsetting	Net amount of financial assets and liabilities
December 31, 2020			
Financial assets			
Trade and other receivables	11,681	755	10,926
Other current assets	3,719	1,033	2,686
Financial liabilities			
Trade and other liabilities	13,691	755	12,936
Other current liabilities	5,905	1,033	4,872
December 31, 2019			
Financial assets			
Trade and other receivables	13,773	900	12,873
Other current assets	4,584	612	3,972
Financial liabilities			
Trade and other liabilities	16,445	900	15,545
Other current liabilities	7,758	612	7,146

The offsetting of financial assets and liabilities related to the offsetting of: (i) receivables and payables pertaining to the Exploration & Production segment towards state entities for €753 million (€13 million at December 31, 2019) and trade receivables and trade payables pertaining to Eni Trading & Shipping Inc for €2 million (€187 million at December 31, 2019); and (ii) other assets and liabilities for current financial derivatives of €1,033 million (€612 million at December 31, 2019).

Legal Proceedings

Eni is a party in a number of civil actions and administrative arbitral and other judicial proceedings arising in the ordinary course of business. Based on information available to date, and taking into account the existing risk provisions disclosed in note 20 — Provisions and that in some instances it is not possible to make a reliable estimate of contingency losses, Eni believes that the foregoing will likely not have a material adverse effect on the Group Consolidated Financial Statements.

In addition to proceedings arising in the ordinary course of business referred to above, Eni is party to other proceedings, and a description of the most significant proceedings currently pending is provided in the following paragraphs. Generally and unless otherwise indicated, these legal proceedings have not been provisioned because Eni believes a negative outcome to be unlikely or because the amount of the provision cannot be estimated reliably.

1. Environment, health and safety

1.1 Criminal proceedings in the matters of environment, health and safety

(i) **Eni Rewind SpA (company incorporating EniChem Agricoltura SpA — Agricoltura SpA in liquidation — EniChem Augusta Industriale Srl — Fosfotec Srl) — Proceeding about the industrial site of Crotone.** In 2010 a criminal proceeding started before the Public Prosecutor of Crotone relating to allegations of environmental disaster, poisoning of substances used in the food chain and omitted clean-up due to the activity at a landfill site which was taken over by Eni in 1991. Subsequently to Eni's takeover, any activity for waste conferral was stopped. The defendants are certain managers of Eni Group companies, that have managed the landfill since 1991. The Municipality of Crotone is acting as plaintiff. In March 2019, the public prosecutor requested the acquittal of all defendants. The proceeding is ongoing. In April 2017, the Public Prosecutor of Crotone started another criminal proceeding concerning the clean-up of the area called “Farina Trappeto”. Despite the prosecuting PM asked the acquittal of all the defendants, on January 17, 2020, the GUP asked the PM to modify the charges in order to better specify modalities and timing of each disputed conduct. At the preliminary hearing on July 1, 2020, the GUP acquitted all the defendants, some for not having committed the alleged crime and others for prescription. The Company therefore decided to appeal against the sentence, in order to obtain an acquittal on the merits also in relation to the positions of the former managers of the Eni Group acquitted due to prescription.

(ii) **Eni Rewind SpA – Crotone omitted clean-up.** In April 2017, a further criminal case was opened by the Crotone prosecutor's office on the reclamation activities of the Crotone site as a whole. Meanwhile, in the first half of 2018, the new clean-up project presented by the Company was deemed feasible by the Ministry of the Environment. Pending the decisions of the Public Prosecutor, a defense brief was filed to summarize the activity carried out by the subsidiary Eni Rewind (former Syndial SpA) in terms of reclamation, pointing to willingness of executing a decisive plan of action, and to obtain the dismissal of the criminal proceedings. On March 3, 2020, the Ministerial Decree approving the POB Phase 2 was issued.

(iii) **Eni Rewind SpA and Versalis SpA – Porto Torres – Prosecuting body: Public Prosecutor of Sassari.** In 2011, the Public Prosecutor of Sassari (Sardinia) determined that a manager responsible for plant operations at the site of Porto Torres should stand trial for alleged environmental disaster and poisoning of water and substances destined for food. The Province of Sassari, the Municipality of Porto Torres and other entities have been involved in the proceedings as civil parties seeking damages. In 2013, the Prosecutor of Sassari requested a new indictment for negligent behavior, replacing the previous allegation of willful conduct. The Third Instance Court has denied a motion to terminate the proceedings. The Public Prosecutor has re-submitted a request that the defendants would stand trial. Eni’s subsidiary Eni Rewind Spa has been summoned for third-party liability. The preliminary hearing is still ongoing.

(iv) **Eni Rewind SpA and Versalis SpA — Porto Torres dock.** In 2012, following a request of the Public Prosecutor of Sassari, an Italian court ordered presentation of evidence relating to the functioning of the hydraulic barrier of Porto Torres site (ran by Eni Rewind SpA) and its capacity to avoid the dispersion of contamination released by the site into the nearby sea. Eni Rewind SpA and Versalis SpA were notified that its chief executive officers and certain other managers were being investigated. The Public Prosecutor of the Municipality of Sassari requested that these individuals stand trial. The plaintiffs, the Ministry for Environment and the Sardinia Region claimed environmental damage in an amount of €1.5 billion. Other parties referred to the judge's equitable assessment. At a hearing in July 2016, the court acquitted all defendants of Eni Rewind and Versalis with respect to the crimes of environmental disaster. Three Eni Rewind managers were found guilty of environmental disaster relating to the period limited to August 2010 — January 2011 and sentenced to one-year prison, with a suspended sentence. Eni Rewind filed an appeal against this decision. The proceeding is ongoing.

(v) **Eni Rewind SpA - The illegal landfill in Minciaredda area, Porto Torres site.** The Court of Sassari, on request of the Public Prosecutor, seized the Minciaredda landfill area, near the western border of the Porto Torres site (Minciaredda area). All the indicted have been served a notice of investigation for alleged crimes of carrying out illegal waste disposal and environmental disaster. The seizure order involved also Eni Rewind pursuant to Legislative Decree No. 231/01, whereby companies are liable for the crimes committed by their employees when performing their duties. The court determined that Eni Rewind can be sued for civil liability and resolved that all defendants and the Eni subsidiary be put on trial before the Court of Sassari. The assessment for the admissibility of a civil claim is ongoing.

(vi) **Eni Rewind SpA — The Phosphate deposit at Porto Torres site.** In 2015, the Court of Sassari, accepting a request of the Public Prosecutor of Sassari, seized — as a preventive measure — the area of “Palte Fosfatiche” (phosphates deposit) located on the territory of Porto Torres site, in relation to alleged crimes of environmental disaster, carrying out of unauthorized disposal of hazardous wastes and other environmental crimes. Eni Rewind SpA is being investigated pursuant to Legislative Decree No. 231/01. In November 2019, a request for referral to trial was served on the Eni subsidiary. The preliminary hearing will be held on September 9, 2020. At the outcome of the preliminary hearing, the Judge pronounced against all the defendants a sentence of no place to proceed due to the statute of limitation in relation to the crimes of unauthorized management of landfills and disposal of hazardous wastes as well as against Eni Rewind SpA in relation to the liability pursuant to

Legislative Decree 231/01. The Judge also ordered the indictment of the defendants before the Court of Sassari, at the hearing on May 28, 2021, limited to the alleged crime of environmental disaster.

(vii) Eni Rewind SpA — Proceeding relating to the asbestos at the Ravenna site. A criminal proceeding is pending before the Tribunal of Ravenna relating to the crimes of culpable manslaughter, injuries and environmental disaster, which have been allegedly committed by former Eni Rewind employees at the site of Ravenna. The site was acquired by Eni Rewind following a number of corporate mergers and acquisitions. The alleged crimes date back to 1991. In the proceeding there are 75 alleged victims. The plaintiffs include relatives of the alleged victims, various local administrations, and other institutional bodies, including local trade unions. Eni Rewind asserted the statute of limitation as a defense to the instance of environmental disaster for certain instances of diseases and deaths. The court at Ravenna decided that all defendants would stand trial and held that the statute of limitation only applied with reference to certain instances of crime of culpable injury. Eni Rewind reached some settlements. In November 2016, the Judge acquitted the defendants in all the contested cases except for one, an asbestos case, for which a conviction was handed down. The defendants, the Prosecutor and the plaintiffs appealed the decision; a second instance judge ordered a complex appraisal, believing that they could not decide on the state of the proceedings, appointing three well-known experts. Eni's defenders rejected one of them, believing that he had an interest in the matter; the Court rejected the request for recusal but the Third Instance Court, accepting the appeal of the defendants of the accused, canceled the order by postponement. On the referral, at the request of Eni's lawyers, the Court of Appeal of Bologna, given the different composition of the judging panel, ordered the renewal of the appeal judgment and, consequently, the subsequent revocation of the order with which it had initially prepared the appraisal. On May 25, 2020, at the outcome of the discussion of the parties, the Court acquitted the defendants, and the person sued for damages in relation to 74 cases of mesothelioma, lung cancer, pleural plaques and asbestosis, took note of the res judicata of the acquittal for the disaster complaint and confirmed the conviction for a case of asbestosis. He also declared inadmissible the appeals of several claimants. The Company appealed to a Third Instance Court against the conviction for asbestosis; some claimants challenged the acquittal for other pathologies.

(viii) Raffineria di Gela SpA and Eni Mediterranea Idrocarburi SpA — Alleged environmental disaster. A criminal proceeding is pending in relation to crimes allegedly committed by the managers of the Raffineria di Gela SpA and EniMed SpA relating to environmental disaster, unauthorized waste disposal and unauthorized spill of industrial wastewater. The Gela Refinery has been prosecuted for administrative offence pursuant to Legislative Decree No. 231/01. This criminal proceeding initially regarded soil pollution allegedly caused by spills from 14 tanks of the refinery storage, which had not been provided with double bottoms, and pollution of the sea water near the coastal area adjacent to the site due to the failure of the barrier system implemented as part of the clean-up activities conducted at the site. At the closing of the preliminary investigation, the Public Prosecutor of Gela merged into this proceeding the other investigations related to the pollution that occurred at the other sites of the Gela refinery as well as hydrocarbon spills at facilities of EniMed. The proceeding is ongoing.

(ix) Val d'Agri. In March 2016, the Public Prosecutors of Potenza started a criminal investigation into alleged illegal handling of waste material produced at the Viggiano oil center (COVA), part of the Eni-operated Val d'Agri oil complex. After a two-year investigation, the Prosecutors ordered the house arrest of 5 Eni employees and the seizure of certain plants functional to the production activity of the Val d'Agri complex which, consequently, was shut down (loss of 60 KBOE/d net to Eni). From the commencement of the investigation, Eni has carried out several technical and environmental surveys, with the support of independent experts of international standing, who found a full compliance of the plant and the industrial process with the requirements of the applicable laws, as well as with best available technologies and international best practices. The Company implemented certain corrective measures to upgrade plants which were intended to address the claims made by the Public Prosecutor about an alleged operation of blending which would have occurred during normal plant functioning. Those corrective measures were favorably reviewed by the Public Prosecutor. The Company restarted the plant in August 2016. In relation to the criminal proceeding, the Public Prosecutor's Office requested the indictment of all the defendants for alleged illegal trafficking of waste, violation of the prohibition of mixing waste, unauthorized management of waste and other violations, and the Company, pursuant to Legislative Decree No. 231/01, which presumes that companies are liable for crimes committed by their employees when performing job tasks. The trial started in November 2017. At the outcome of the preliminary hearings, the Court of Potenza, on March 10, 2021, acquitted all the defendants in relation to the allegation of false statements in an administrative deed, while in relation to the request of administrative fines, the Court declared that there was no need to proceed due to the statute of limitations. Finally, in relation to the alleged crime of illegal trafficking of waste, the Court acquitted two former employees of the Southern District for not having committed the crime, while convicted six former officials of the same District with suspension of the sentence and at the same time sentenced Eni pursuant to Legislative Decree no. 231/01 to pay a fine of €700,000, with the contextual confiscation of a sum of €44,248,071 deemed to constitute the unfair profit obtained from the crime, from which Eni will deduct the amount incurred for the plant upgrade carried out in 2016. The Court reserved the term of ninety days for the filing of the reasons of the sentence and an appeal will be promptly filed against all the condemnations.

(x) Eni SpA - Health investigation related to the COVA center. Beside the criminal proceeding for illegal trafficking of waste, the Public Prosecutor started another investigation in relation to alleged health violations. The Public Prosecutor requested the formal opening of an investigation with respect to nine people in relation to alleged violations of the rules providing for the preparation of a Risk Assessment Document of the working conditions at the Val d'Agri Oil Center (COVA). In March 2017, following the request of the consultant of the Prosecutor, the Labor Inspectorate of Potenza issued a fine against the employers of the COVA for omitted and incomplete assessment of the chemical risks for the COVA center. In October 2017, the Prosecutor's Office changed the criminal allegations to disaster, murder and negligent personal injury, also alleging breaches of health and safety regulations. The proceeding is ongoing.

(xi) Proceeding Val d'Agri — Tank spill. In February 2017, the Italian police department of Potenza found a stream of water contaminated by hydrocarbon traces of unknown origin, flowing inside a small shaft located outside the COVA. Eni carried out activities at the COVA aimed at determining the origin of the contamination and identified the cause in a failure of a tank (the "D" tank) outside of the COVA, that presented a risk of extension of the contamination in the downstream area of the plant. In executing these activities, Eni performed all the communications provided for by Legislative Decree 152/06 and started certain emergency safe-keeping operations at the areas subject to potential contamination outside the COVA. Furthermore, the characterization plan of the areas inside and outside the COVA was approved by the relevant authorities, to which the Risk Analysis document was subsequently submitted. Following this event, a criminal investigation was initiated in order to ascertain whether there had been illegal environmental disaster by the former COVA officers, the Operation Managers in charge since 2011 and the HSE Manager in charge at the time of the accident, and also against Eni in relation to the same offense pursuant to Legislative Decree No. 231/01 and of some public officials belonging to local administrations for official misconduct, false and fraudulent public statements committed in 2014 and of the crime for environmental disaster and of culpable conduct committed in February 2017. The Company has paid damages of an immaterial amount almost to all the landlords of areas close to the COVA, which were affected by a spillover. Discussions are ongoing with other claimants. The likely disbursements relating to these transactions have been provisioned. In February 2018, Eni contested the reports presented in October and in December 2017 by the Italian Fire Department stating that it does not consider itself obliged to carry out the integration required, considering that the data acquired in the area affected by the event indicate, according to Eni's assessments, that the loss was promptly and efficiently controlled and there were no situations of serious danger to human health and the environment. In April 2019, precautionary measures were ordered against three Eni employees at the COVA which, following an appeal, were canceled by the Third Instance Court. In September 2019, the Public Prosecutor requested one of those employees to be put on trial with expedited proceeding, accepted by the Judge for preliminary investigations. The judgment was suspended in order to allow the continuation of the environmental clean-up and reclamation of the site. As part of the concomitant procedure against the

remaining employees and Eni as the legal entity being held liable pursuant to Legislative Decree No. 231/01, the Public Prosecutor, after issuing a notice of conclusion of the preliminary investigations, made a request for indictment. The hearings are ongoing.

(xii) Raffineria di Gela SpA and Eni Mediterranea Idrocarburi SpA — Waste management of the landfill Camastra. In June 2018, the Public Prosecutor of Palermo (Sicily) notified Eni’s subsidiaries Raffineria di Gela SpA and Eni Mediterranea Idrocarburi SpA of a criminal proceeding relating to allegations of unlawful disposal of industrial waste resulting from the reclaiming activities of soil, which were discharged at a landfill owned by a third party. The Prosecutor charged the then chief executive officers of the two subsidiaries, and the legal entities have been charged with the liability pursuant to Legislative Decree No. 231/01. The alleged wrongdoing related to the willful falsification of the waste certification for purpose of discharging at the landfill. The charges against the CEO of the Refinery of Gela SpA and the company itself were dismissed, while a request to put on trial the CEO of EniMed SpA and the company was approved. The proceeding is in progress before the Court of Agrigento, to which the proceeding has been transferred due to territorial jurisdiction.

(xiii) Versalis SpA — Preventive seizure at the Priolo Gargallo plant. In February 2019, the Court of Syracuse at the request of the Public Prosecutor ordered the seizure of the Priolo/Gargallo plant as part of an ongoing investigation concerning the offenses of dangerous disposal of materials and environmental pollution, by the former plant manager of Versalis, pursuant to Legislative Decree No. 231/01. The Public Prosecutor’s thesis, according to the consultants, is that the plants covered by the provision have points of emissions that do not comply with the Best Available Techniques (BAT), therefore resulting in violation of the applicable legislation. Versalis has already implemented certain plant upgrades designed to comply with measures requested by the Public Prosecutor and his consultants. Based on this, an appeal was filed against the measure of precautionary seizure of the plant before a review court, which revoked the seizure of the plants on March 26, 2019. In March 2021, a notice of conclusion of the preliminary investigations was notified, with the formulation by the Public Prosecutor of the allegations already previously stated.

(xiv) Eni SpA - Fatal accident Ancona offshore platform. On March 5, 2019, a fatal accident occurred at the Barbara F platform in the offshore of Ancona. During the unloading phase of a tank from the platform to a supply vessel, there was a sudden failure of a part of the structure on which a crane was installed, causing the death of an Eni employee who was inside the control cabin of the crane and injuries to two other workers. The Public Prosecutor of Ancona initially opened an investigation against unknown persons and ordered further technical appraisals relating to the crane. As part of the technical assessment of the incident, the Public Prosecutor resolved to put under investigation the Eni employees who were in charge of safety standards at the involved facility. Also the Company has been put under investigation pursuant to Legislative Decree No. 231/01, which holds companies liable for the crimes committed by employees in a number of matters, including the violations of laws about safety of the workplace. The proceeding is pending in the preliminary investigation phase.

(xv) Raffineria di Gela SpA and Eni Rewind SpA - Groundwater pollution survey and reclamation process of the Gela site. Following complaints made by former contractors, the Public Prosecutor’s Office of Gela issued an inspection and seizure of the area called Isola 32 within the refinery of Gela, where old and new monitored landfills are located. The proceeding concerns criminal allegations of environmental pollution, omitted clean-up, negligent personal injury and illegal waste management, as part of the execution of clean-up of soil and groundwater as well as decommissioning activities in the area currently managed by Eni Rewind SpA, also on behalf of the companies Raffineria di Gela SpA, ISAF SpA (in liquidation) and Versalis SpA (efficiency and efficacy of the barrier system). The Public Prosecutor acquired documents and evidence at the Syndial office in Gela and at the refinery of Gela, which, during the period January 1, 2017 – March 20, 2019, managed the facilities involved in cleaning up the groundwater area (TAF Syndial, site TAF-TAS and pumping wells and hydraulic barrier). Subsequently a decree was issued for the seizure of eleven (11) piezometers of the hydraulic barrier system with contextual guarantee notice, issued by the Public Prosecutor of Gela against nine employees of Gela Refinery and four employees of Syndial SpA. The proceedings are ongoing.

(xvi) Eni Rewind SpA and Versalis - Mantua. Environmental crime investigation. In August and September 2020, the Public Prosecutor of Mantua notified the conclusion of the preliminary investigations relating to several criminal proceedings. Several employees of the Eni’s subsidiaries Versalis SpA and Eni Rewind SpA as well as of a third-party company Edison SpA were notified of being under investigations. Furthermore the above-mentioned entities were being held liable for the alleged crimes committed on their own interest by their own employees pursuant to Legislative Decree No. 231/01. The Public Prosecutor is alleging, depending on some specific areas related to the Mantua industrial hub, the crimes of unauthorized waste management, environmental damage/pollution, omitted communication of environmental contamination and omitted clean-up. Following the filing of defense briefs, the case has been dismissed against some individuals. The Public Prosecutor’s Office requested the indictment of the remaining defendants, not yet notified, confirming the allegations referred to in the closing of the investigation.

(xvii) Versalis SpA– Brindisi plant factory flares and odor emissions - Criminal procedure n. 6580/18 R.G. Mod. 44 against unknown persons. On May 18, 2018 the manager of the Versalis plant in Brindisi and two other employees were summoned in order to provide brief information regarding two episodes that occurred in April 2018 which led to the activation of the plant torches. The company collaborated with the judicial authorities to provide useful information to exclude that such events may have had a negative and significant impact on air quality. Moreover, the Company is reviewing available data as well as carrying out some important upgrading to minimize any detrimental effect, even if only visual, of the flaring phenomenon with the construction of a new ground torch facility.

At the end of May 2020, in conjunction with a scheduled shutdown of the plant, anomalous concentrations of benzene and toluene were detected; on those bases, the mayor of Brindisi ordered the plant shutdown. The order was issued without any technical check on the real correlation between the peaks detected in the air and the activities in progress at the plant. After a close discussion with the authorities in charge, the order was revoked. However, the Public Prosecutor acquired information and documents, also produced by the Company itself, on the aforementioned order to verify, also from a criminal point of view, any connection or responsibilities.

The proceeding has been filed for the time being against unknown persons and it is not possible to exclude that this event may be the subject of a proceeding from the Public Prosecutor’s Office. The company is providing all the involved local authorities with all the useful information for the correct reconstruction of the facts.

(xviii) Eni SpA R&M Depot of Civitavecchia - Criminal proceedings for groundwater pollution. In the period in which Eni was in charge of the Civitavecchia storage hub (2008-2018), pending the approval of a characterization plan of the environmental status of the site, the Company, in coordination with public authorities, adopted measures to preserve the safety of the groundwaters and to pursue the clean-up process of the site until its disposal.

The Public Prosecutor of Civitavecchia issued a notice of conclusion of the preliminary investigations, contesting, among others, the former manager of the Eni fuel storage hub of Civitavecchia, the alleged crime of environmental pollution in relation to the mismanagement of the hydraulic barrier placed over the site aimed at putting under emergency safety the contaminated groundwater, as part of the clean-up process in progress. This circumstance would have been reported by officials of a local authority (ARPA), to whom technical feedback has been provided several times over the years. Eni is under investigation pursuant to Legislative Decree 231/2001. The prosecutor made a request for indictment.

1.2 Civil and administrative proceedings in the matters of environment, health and safety

(i) Eni Rewind SpA — Summon for alleged environmental damage caused by DDT pollution in Lake Maggiore. In May 2003, the Ministry for the Environment claimed compensation from Eni Rewind for alleged environmental damage caused by the activity at the Pieve Vergonte plant in the years 1990 through 1996. In July 2008, the District Court of Turin ordered Eni Rewind to pay environmental damages amounting to €1,833.5 million, plus interests accrued from the filing of the decision. Eni and its subsidiary deemed the amount of the environmental damage to be absolutely groundless as the sentence lacked sufficient elements to support such a material amount of the liability from the volume of pollutants ascertained by the Italian Environmental Minister. In July 2009, Eni Rewind filed an appeal and consequently the proceeding continued before a second Instance Court of Turin that requested a technical appraisal on the matter. The consultants that undertook this appraisal concluded that: (i) no further measure for environmental restoration is required; (ii) there was no significant and measurable impact on the environment of the ecosystem, therefore no restoration or damage compensation should be claimed; the only impact seen concerned fishing activity, with an estimated damage of €7 million which could be already restored through the measures proposed by Eni Rewind, and; (iii) the necessity and convenience of dredging should be excluded, both from the legal and scientific point of view, while confirming technical and scientific correctness of the Eni Rewind's approach based on the monitoring of the process of natural recovery, which is estimated to require 20 years. In March 2017, the second Instance Court: (i) excluded the application of compensation for monetary equivalent; (ii) annulled the monetary compensation of €1.8 billion requesting Eni Rewind to perform the already approved clean-up project of the polluted areas, which comprise groundwater, as well as compensatory remediation works. The value of these compensatory works required by the Court, in case of Eni Rewind failure or misperformance, is estimated at €9.5 million. The clean-up project filed by Eni Rewind was ratified by the authorities and is currently being executed. Expenditures expected to be incurred have been provisioned in the environmental provision. Any other claims filed by the Italian Minister for the Environment were rejected by the court (including compensation for non-material damage). In April 2018, the Ministry for the Environment filed an appeal to the Third Instance Court. Following this appeal, the Company appeared in Court. After the hearings in July 2020 and in January 2021, the sentence is still ongoing.

(ii) Eni Rewind SpA - Versalis SpA - Eni SpA (R&M) - Augusta harbor. The Italian Ministry for the Environment with various administrative acts required companies that were operating plants in the petrochemical site of Priolo to perform safety and environmental remediation works in the Augusta harbor. Companies involved include Eni subsidiaries Versalis, Eni Rewind and Eni Refining & Marketing Division. Pollution has been detected in this area primarily due to a high mercury concentration that is allegedly attributed to the industrial activity of the Priolo petrochemical site. The above-mentioned companies contested these administrative actions, objecting in particular to the nature of the remediation works decided and the methods whereby information on the pollutants concentration has been gathered. A number of administrative proceedings started on this matter were subsequently merged before the Regional Administrative Court. In October 2012, the Court ruled in favor of Eni's subsidiaries against the Ministry's requirements for the removal of the pollutants and the construction of a physical barrier. In September 2017, the Ministry notified all the companies involved of a formal notice for the start of remediation and environmental restoration of the Augusta harbor within 90 days, basing its request on an alleged ascertainment of liability on the basis of the 2012 provision of Regional Administrative Court. The act, contested by the co-owner companies in December 2017, constitutes a formal notice for environmental damage. In June 2019, the Italian Ministry for the Environment set up a permanent technical committee to review the matter of the clean-up and reclamation of the Augusta harbor. The report, recalling the warning of 2017, confirmed the thesis of the Bodies on the responsibility of the companies co-located for the contamination of the Rada and affirmed a breach of the aforementioned warning by the companies, also communicated to the Public Prosecutor's Office. In agreement with all the other companies involved, this report and other parallel internal technical investigations were challenged for defensive purposes. Eni's subsidiary proposed to the Italian Environmental Ministry to start a collaboration with other interested parties to find remediation measures based on new available environmental data collected by independent agencies, without prejudice to the need for the parties to correctly identify the legal entity responsible for the contamination detected. In the meantime, the company requested, in full compliance with applicable environmental laws, to establish a roadmap for identifying the companies accountable for the environmental pollution and their respective shares of responsibility in order to implement a clean-up and remediation project.

In September 2020, the Company took part in the Investigation Services Conference convened by the Ministry of the Environment on the results of the technical investigations and exhibited, together with its consultants, the in-depth analyzes on the environmental state of the Rada and its observations to the report which would lead to the exclusion of any involvement of the Group companies in the contamination detected.

(iii) Eni SpA – Eni Rewind SpA (former Syndial SpA) – Raffineria di Gela SpA – Claim for preventive technical inquiry. In February 2012, Eni's subsidiaries Raffineria di Gela SpA and Eni Rewind SpA and the parent company Eni SpA (involved in this matter through the operations of the Refining & Marketing Division) were notified of a claim issued by the parents of children with birth defects in the Municipality of Gela between 1992 and 2007. The claim called for an inquiry aimed at determining any causality between the birth defects suffered by these children and any environmental pollution caused by the Gela site, quantifying the alleged damages suffered and eventually identifying the terms and conditions to settle the claim. The same issue was the subject of previous criminal proceedings, of which one closed without determining any illegal behavior on the part of Eni or its subsidiaries, while a further criminal proceeding is still pending. In December 2015, the three companies involved were sued in relation to a total of 30 cases of compensation for damages in civil proceedings. In May 2018, the Court issued a first instance judgment concerning one case. The Judge rejected the claim for damages, acknowledging the arguments of the defendant companies in relation to the absence of evidence concerning the existence of a causal link between the birth defects and the alleged industrial pollution. The judgement has been appealed.

(iv) Environmental claim relating to the Municipality of Cengio. Since 2008 a proceeding is pending by the Court of Genoa, brought by The Ministry for the Environment and the Delegated Commissioner for Environmental Emergency in the territory of the Municipality of Cengio. Those parties summoned Eni Rewind before a Civil Court and demanded Eni's subsidiary compensate for the environmental damage relating to the site of Cengio. The request for environmental damage amounted to €250 million to which was to be added health damage to be quantified during the proceeding. The plaintiffs accused Eni Rewind of negligence in performing the clean-up and remediation of the site. In March 2019, the Ministry for the Environment presented a proposal to Eni Rewind to settle the case. The Company responded with a counterproposal in July 2019. In September 2020, the debate reopened and the drafting of an agreement shared between the parties and considered to be final also by the representatives of the Ministry was reached. The Ministry, through the Attorney's Office, at the hearing in February 2021, declared the "advanced state" of the negotiations, thus allowing the hearing to be postponed to June 2021.

In March 2021, the Inspection Commission also issued a test certificate for the works carried out on the soils, thereby further strengthening the restorative suitability of the measures carried out by the Company

(v) **Val D'Agri - Eni / Vibac.** In September 2019 a claim was brought in the Court of Potenza against Eni. The plaintiffs are eighty people, living in different municipalities of the Val d'Agri area, who are complaining of economic, non-economic, biological and moral damages, all deriving from the presence of Eni's oil facilities in the territory. In particular, the claim refers to certain events which allegedly caused damage to the local community and the territory (such as a 2017 spill, flaring events since 2014, smelly and noisy emissions). The Judge has been asked to ascertain Eni's responsibility for causing emissions of polluting substances into the atmosphere. The plaintiffs have also requested Eni be ordered to interrupt any polluting activity and to be allowed to resume industrial activities on condition that all the necessary remediation measures be implemented to eliminate all of the alleged dangerous situations. Finally, they are asking that Eni compensate all direct and indirect property damages, current and future, to an extent that will be quantified in the course of the case. At the end of the trial phase, the Judge sent the parties the proposal for an extra-judicial settlement, putting a deadline to present further proposals on the matter.

(vi) **Eni SpA - Climate change.** In 2017 and 2018, local government authorities and a fishing association brought in the courts of the State of California seven proceedings against a controlled entity (Eni Oil & Gas Inc.) and other oil companies. These proceedings claim compensation for the damages attributable to the increase in sea level and temperature, as well as to the hydrogeological instability. The cases have been transferred, by request of the defendants, from the State Courts to the Federal Courts. A specific request has been filed, highlighting the lack of jurisdiction of the State Courts. Following a suspension period waiting for the decision on jurisdiction, on May 26, 2020 the proceedings returned to the State Courts. On July 9, 2020, Eni Oil & Gas Inc, together with other defendants, signed a petition for rehearing "en blanc" to request a review of the postponement decision to the competent "9th Circuit Court". The disputes will remain suspended until a decision made on the petition for rehearing. The Court rejected the petition for rehearing en banc but, at the request of the defendants, granted a suspension of the proceedings of 120 days (until January 2021) to allow the defendants themselves to present a so-called petition for *certiorari* to the Supreme Court of the United States in order to obtain the revision of rejection. The petition was presented in January 2021 by the defendant; the Supreme Court of the United States will rule on the matter by June 2021.

(vii) **Eni Rewind / Province of Vicenza – Clean-up process for Trissino site.** On May 7, 2019 the Province of Vicenza imposed (with a warning) on some persons and companies as MITENI SpA in bankruptcy, Mitsubishi and ICI, to clean-up the Trissino site where MITENI carried out its industrial activity. In this site, in 2018, based on the analysis carried out by administrative parties, significant concentrations of substances considered highly toxic-harmful and carcinogenic were allegedly discovered in groundwater and in surface water. The analysis carried out by the Province of Vicenza with the direct involvement of the Istituto Superiore di Sanità reported the presence of these substances in the blood of about 53,000 people in the area. The action of health analysis and monitoring by the institutions is destined to increase. The Province warned some individuals, including a former employee who served between 1988 and 1996 as CEO of a company that was taken over by Eni Rewind.

In an initial phase of the administrative procedure, there were no references to the former company Enichem Synthesis, which Eni Rewind took over, therefore the legal assistance and the defense strategy were concentrated supporting only the persons involved. Instead, several appeals to the Regional Administrative Court have arisen in which Eni Rewind was called into question as the "successor" of Enichem for the period of management of the site as the majority shareholder of MITENI. On the basis of this, in February 2020, the Province extended the proceeding also to Eni Rewind which set a procedural brief for the prompt filing of the proceeding against it.

However, on October 5, 2020 the Province notified a warning with which it would have identified Eni Rewind as further responsible for the potential contamination of the Trissino site. On December 4, 2020 Eni Rewind appealed to the Administrative Court, pending the setting of the hearing.

Eni Rewind was also invited to take part in several meetings that will be held by the Public Entities in relation to the site remediation interventions, and has already participated in the first one held on December 23, 2020, without thereby granting any acquiescence to the provisions issued by the Province. Access to the documents is ongoing with the Public Authorities aimed at acquiring a complete knowledge of the facts and being able to integrate the defenses in these proceedings. In order to carry out a transversal study on the issue of PFAS, the company has established a Working Group (WG) that will analyze the technical-environmental, toxicological and regulatory aspects also addressing the issue with an international approach. In addition to Eni Group personnel, three external competent consultants for the respective subjects are part of the WG.

2. Proceedings concerning criminal/administrative corporate responsibility

(i) **Block OPL 245 — Nigeria.** A criminal case is ongoing before the Court of Milan alleging international corruption in connection with the acquisition in 2011 of the OPL 245 exploration block in Nigeria. In July 2014, the Public Prosecutor of Milan served Eni with a notice of investigation pursuant to Italian Legislative Decree No. 231/01. The proceeding was commenced following a claim filed by NGO ReCommon relating to alleged corruptive practices which, according to the Public Prosecutor, allegedly involved the Resolution Agreement made on April 29, 2011 relating to the so-called Oil Prospecting License of the offshore oilfield that was discovered in OPL 245. Eni fully cooperated with the Public Prosecutor and promptly filed the requested documentation. Furthermore, Eni voluntarily reported the matter to the US Department of Justice and the US SEC. In July 2014, Eni's Board of Statutory Auditors jointly with the Eni Watch Structure resolved to engage an independent, US-based law firm, expert in anticorruption, to conduct a forensic, independent review of the matter, upon informing the Judicial Authorities. After reviewing the matter, the US lawyers concluded that they detected no evidence of wrongdoing by Eni in relation to the 2011 transaction with the Nigerian government for the acquisition of the OPL 245 license. In September 2014, the Public Prosecutor notified Eni of a restraining order issued by a British judge who ordered the seizure of a bank account not pertaining to Eni domiciled at a British bank following a request from the Public Prosecutor. Since the act had also been notified to some persons, including the CEO of Eni and the former Chief Development, Operation & Technology Officer of Eni and the former CEO of Eni, it was assumed that the same had been registered in the register of suspects at the Milan Prosecutor's office. During a hearing before a court in London in September 2014, Eni and its current executive officers stated their non-involvement in the matter regarding the seized bank account. Following the hearing, the Court reaffirmed the seizure. In December 2016, the Public Prosecutor of Milan notified Eni of the conclusion of the preliminary investigation and requested Eni's CEO, the Chief Development, Operations and Technological Officer and the Executive Vice President for international negotiations to stand trial, as well as Eni's former CEO and Eni SpA, pursuant to Italian Legislative Decree No. 231/01. Upon the notification to Eni of the conclusion of the preliminary investigation by the Public Prosecutor, the independent US-based law firm was requested to assess whether the new documentation made available from Italian prosecutors could modify the conclusions of the prior review. The US law firm was also provided with the documentation filed in the Nigerian proceeding mentioned below. The independent US law firm concluded that the reappraisal of the matter in light of

the new documentation available did not alter the outcome of the prior review. In September 2019, the DoJ notified Eni that based on the information it currently possessed, the DoJ was closing its investigation of Eni in connection with OPL 245 without the filing of any charges. In December 2017, the Judge for preliminary investigation ordered the indictment of all the parties mentioned above, and other parties under investigation by the Public Prosecutor, before the Court of Milan. The request of the Federal Government of Nigeria (FGN) for admission as a civil claimant in the proceedings was granted in July 2018. The first instance trial of the Milan Prosecutor's OPL 245 charges began before the Court of Milan on June 20, 2018. Following the discussion of the parties, in response to the request for conviction for all the individuals and companies involved, at the hearing of March 17, 2021 the judge fully acquitted all the defendants, since there was no case.

In January 2017, Eni's subsidiary Nigerian Agip Exploration Ltd ("NAE") became aware of an Interim Order of Attachment ("Order") issued by the Nigerian Federal High Court upon request from the Nigerian Economic and Financial Crimes Commission (EFCC), attaching OPL 245 temporarily pending a proceeding in Nigeria relating to alleged corruption and money laundering. After making this application, Eni became aware of a formal filing of charges by the EFCC against NAE and other parties. In March 2017, the Nigerian Court revoked the Order. To NAE's knowledge EFCC charges have not been dropped but none of the defendants were served nor arraigned. In November 2018, Eni SpA and its subsidiaries NAE, NAOC and AENR (as well as some companies of the Shell Group) were notified of the intention of the FGN to bring a civil claim before an English court to obtain compensation for damages allegedly deriving from the transaction that resulted in assignment of the OPL 245 to NAE and Shell subsidiary SNEPCO (Shell subsidiary). On April 15, 2019 the Nigerian subsidiaries NAE, NAOC and AENR received formal notification of the commencement of the proceeding, while similar notification was received by Eni SpA on May 16, 2019. In the introductory deeds of the proceeding, the claim is set at \$1,092 million or at any other amount that will be established during the proceedings. The FGN has based its assessment on an estimated fair value of the asset of \$3.5 billion. Eni's interest in the asset is 50%. As the FGN is also acting as claimant in the Italian proceeding before the Court of Milan, this claim appears to duplicate the claims made before the Milan's Court against Eni employees.

On May 22, 2020, the Judge accepted the exception presented by Eni and declined its jurisdiction over the case, having found the judicial pending with the Milan procedure according to the criteria set out in Regulation (EU) No 1215/2012. The Appeal Court obtained permission to appeal against the decision. Similarly, the Appeal Court rejected the Nigerian Government's request to appeal the decision, thus making it definitive.

On January 20, 2020, NAE subsidiary was notified of the beginning of a new criminal case before the Federal High Court in Abuja. The proceeding, mainly focused on the accusations against Nigerian persons (including the Minister of Justice in office in 2011, at the time of the disputed facts), involves NAE and SNEPCO as co-holders of the OPL 245 license. These persons were attributed in 2011 illicit acts of corruptive nature, which NAE and SNEPCO would have unlawfully facilitated. The beginning of the trial, scheduled for the end of March 2020, has been postponed for the closure of the judicial offices in Nigeria due to COVID-19 emergency. A new hearing has not been scheduled to date.

(ii) Congo. In March 2017, the Italian Finance Police served Eni with an information request in accordance with the Italian Code of Criminal Procedure in connection with an investigative file opened by the Public Prosecutor of Milan against unknown persons. The request related in particular to the agreements signed by Eni Congo SA with the Ministry of Hydrocarbons of the Republic of Congo in 2013, 2014 and 2015 in relation to exploration, development and production activities concerning certain permits held by Eni Congo SA for Congolese projects and Eni's relationships with Congolese companies that hold stakes in those projects. In July 2017, the Italian Financial Police, on behalf of the Public Prosecutor of Milan, served Eni with another information request and a notice of investigation pursuant to Legislative Decree No. 231/01 for alleged international corruption. The request expressly stated that it was based in part on the March 2017 information request and concerned the relationship of Eni and its subsidiaries with certain third-party companies from 2012 to the present. Eni produced all of the documentation requested in March and July 2017 and voluntarily disclosed this matter to the relevant US authorities (SEC and DoJ). In January 2018, the Public Prosecutor's Office requested a six-months extension of the deadline for conducting its preliminary investigation into this matter, from January 31, 2018 until July 30, 2018. Subsequently in July 2018, the Public Prosecutor requested a second extension until February 28, 2019. In April 2018, the Public Prosecutor of Milan served Eni SpA with a further request for documentation and notified a former Eni employee, who was the then Chief Development, Operation & Technology Officer, of a search order stating that he and another Eni employee had been placed under investigation.

In October 2018, the Public Prosecutor ordered the seizure of an e-mail account of another Eni manager, who was formerly the general director of Eni in Congo during the period 2010 - 2013. In December 2018 and subsequently in May, September and December 2019, Eni was notified by the Public Prosecutor of Milan of a request for documents in accordance with the Italian Code of Criminal Procedure, concerning some economic transactions between Eni Group companies and certain third-party companies. All the required documentation has been produced to the Judge.

In September 2019, the Company was informed that the Company's CEO was served with a search decree and an investigation decree in connection with an alleged violation of article 2629 bis of the Italian Civil Code which penalizes directors of listed companies, who fail to communicate conflicts of interest. The alleged omission relates to the supply of logistics and transportation services to certain Eni's subsidiaries operating in Africa, among which Eni Congo SA, by third-party companies owned by Petroserve Holding BV, in the period 2007-2018. The claims are based on the allegations that the wife of the Company's CEO retained a shareholding of the above-mentioned holding company during part of the period of time under investigation. The Board of Directors of Eni SpA has never been involved in any resolution concerning the suppliers under investigation. Subsequently, on June 15, 2020, the company was informed that an extension of the investigations relating to these allegations was requested until December 21, 2020. On September 9, 2020, Eni was notified of a decree, setting a hearing due to the filing by the Public Prosecutor of Milan requesting a restrictive measure pursuant to Legislative Decree No. 231/01, relating to some oilfields in Congo. In particular, the Judge requested Eni to be banned from exploiting Djambala II, Foukanda II, Mwafi II, Kitina II, Marine VI Bis, Loango, Zatchi oilfields for 2 years and subordinately the appointment of a judicial commissioner to manage those oilfields.

The Judge for Preliminary Investigations in the decree setting the hearing for September 21, 2020, recognized the above-mentioned restrictive measure would have been statute barred on July 14, 2020, since the date of commission of the alleged crimes was mentioned by the public prosecutors till July 14, 2015. However, this five-year limitation term would have been suspended due to the recent anti-covid legislation until September 16, 2020. The Judge also stated that a claim was pending before the Constitutional Court about the constitutional legitimacy of the aforementioned anti-covid legislation, with particular reference to the principle of non-retroactivity of an unfavorable rule. Therefore, the hearing initially set for September 21, 2020, was postponed initially to December 10, 2020 pending the resolution of the Constitutional Court and then, once the Court resolved to declare the legitimacy of the anti-covid rule to February 17, 2021 also to await the filing of the reasons for the sentence.

The hearing of February 17, 2021 was postponed to March 25, 2021, due to the fact that the Public Prosecutor changed the charge from international corruption to undue inducement to give or promise benefits, a possible course of action was explored whereby the public prosecutor and the defendant may request the judge to apply a penalty. On March 15, 2021, the Board of Directors of Eni

SpA approved the granting of a special power of attorney in favor of the defense lawyer of Eni SpA, the entity legally liable, to propose a motion to apply a penalty on request of the parties. The sanction agreed with the Public Prosecutor amounts to €1.8 million.

At the hearing on March 25, 2021 the Judge for Preliminary Investigations accepted the agreed sanction and the Prosecutor also revoked the request for restrictive measure for Eni SpA.

In April 2018, the Board of Statutory Auditors, the Watch Structure and the Control and Risk Committee of Eni jointly appointed an independent law firm and a professional consulting company, knowledgeable in the matter of anti-corruption, to carry out a forensic review of facts relating to Eni's work in Congo. Such review did not find any factual evidence as to the involvement of Eni, nor of any Eni employees and key managers, in the alleged crimes.

In November 2019, following the notification of further investigative documents, the Board of Statutory Auditors, the Watch Structure of Eni and the Control and Risk Committee asked the professional consultants, which had been engaged in 2018, also to review the conclusions reached, in the light of the documentation made available following the decree notified to the CEO in September 2019. The second report of the consultants, which was delivered in July 2020, integrates the findings achieved in the first report, particularly indicating that: (i) it is probable that the CEO's wife retained a shareholding in the Petroserve Group for a few years, at least, starting from 2009 until 2012; (ii) there is an absence of evidence to contradict the statements made by the CEO as to his lack of knowledge of his wife's interests in the ownership of Petroserve Group; (iii) absence of evidence that the activity of the above mentioned involved employees was carried out in the interest of Eni.

3. Other proceedings concerning criminal matters

(i) Eni SpA (R&M) — Criminal proceedings on fuel excise tax. A criminal proceeding is currently pending, relating to alleged evasion of excise taxes in the context of retail sales in the fuel market. In particular, the claim states that the quantity of oil products marketed by Eni was larger than the quantity subjected to the excise tax. This proceeding (No. 7320/2014 RGNR) concerns the combination of distinct investigations: (i) A first proceeding, opened by the Public Prosecutor's Office of Frosinone involved a company (Turrizziani Petroli) purchaser of Eni's fuel. This investigation was subsequently extended to Eni. The Company fully cooperated and provided all data and information concerning the excise tax obligations for the quantities of fuel coming from the storage sites of Gaeta, Naples and Livorno. Such proceeding referred to quantities of oil products sold by Eni, allegedly larger than the quantity subjected to the excise tax. (ii) A second proceeding concerning an investigation by the Public Prosecutor's Office of Prato, commenced in regard to the deposit of Calenzano and relates to abduction of fuel through manipulation of the fuel dispensers, subsequently extended also to the Refinery of Stagno (Livorno); (iii) A third proceeding, opened by the Public Prosecutor's Office of Rome, concerns alleged missing payment of excise tax on the surplus of the unloading products, as the quantity of such products was larger than the quantity reported in the supporting fiscal documents. This proceeding represents a development of the first proceeding mentioned above and substantially concerns similar facts presenting, however, some differences with regard to the nature of the alleged crimes and the responsibility.

The Public Prosecutor's Office of Rome has alleged the existence of a criminal conspiracy aimed at habitual abduction of oil products at all of the 22 storage sites which are operated by Eni in Italy. Eni is cooperating with the Prosecutor in order to defend the correctness of its operation. In September 2014, a search was conducted at the office of the former chief of the R&M Division in Rome. The motivations of the search are the same as the above-mentioned proceeding as the ongoing investigations also relate to a period of time when the officer was in charge at Eni's R&M Division. In March 2015, the Prosecutor of Rome ordered a search at all the storage sites of Eni's network in Italy as part of the same proceeding. The search was intended to verify the existence of fraudulent practices aimed at tampering with measuring systems functional to the tax compliance of excise duties in relation to fuel handling at the storage sites. In September 2015, the Public Prosecutor of Rome requested a one-off technical appraisal aimed to verify the compliance of the software installed at certain metric heads previously seized with those lodged by the manufacturer at the Ministry of Economic Development. The technical appraisal verified the compliance of the software tested. The proceeding was then extended to a large number of employees and former employees of the Company. Eni has continued to provide full cooperation to the authorities.

During 2018, as part of the general proceeding no. 7320/2014, the Public Prosecutor of Rome notified the conclusion of the preliminary investigations in relation to the criminal proceeding concerning the Calenzano, Pomezia, Naples, Gaeta and Ortona storage sites and the Livorno and Sannazzaro refineries. Based on the outcome of the investigations, as far as Eni is concerned, the proceeding involves former managers and directors of the logistic sites and refineries indicated above concerning alleged aggravated and continuous non-payment of excise duties, alteration and removal of seals, use and possession of false measures and weights instruments. In addition, for the Calenzano site, three employees and their manager of the storage site were accused of alleged procedural fraud.

In September 2018, Eni received, as injured party, the notification of the schedule of hearing issued by the Court of Rome, in relation to criminal association and other minor claims, against numerous persons under investigation — including over forty Eni employees — subject of a separated proceeding (No. 22066/17 RGNR), for which, in May 2017, the Public Prosecutor's Office had requested the dismissal. At the end of the hearing in December 2018, the Judge accepted the request for dismissal for several persons under investigation, including thirteen Eni employees. The Judge also initially rejected the request of indictment for criminal association relating to twenty-eight Eni employees (including the former managers of the R&M Division).

As part of the separate proceeding no. 22066/2017 RGNR, following the re-filing by the Public Prosecutor of the indictment for criminal association, following a preliminary hearing, the judge resolved to dismiss the case against all of the defendants because allegations were found to be groundless.

(ii) Eni SpA — Public Prosecutor of Milan — Criminal proceeding no. 12333/2017. In February 2018, Eni was notified of a search and seizure decree in relation to allegations of associative crime aimed at slander and at reporting false information to a Public Prosecutor. In the decree, the Prosecutor of Milan included, among the other persons under investigation, a former external lawyer and a former Eni manager, at the time of the facts holding strategic positions in the Company. According to the decree, the association is allegedly aimed at interfering with the judicial activity in certain criminal proceedings that are involving, among others, Eni and some of its directors and managers. Afterwards, the Control and Risks Committee, having consulted the Board of Statutory Auditors, and together with the Watch Structure, agreed to engage an auditing firm to perform an internal audit of all relevant facts and circumstances and all records and documentation relating to the matter with respect to the events of the aforementioned proceeding, including a forensic review. The final report, submitted to the Control and Risk Committee, the Watch Structure and the Board of Statutory

Auditors on September 12, 2018, concluded that following the review carried out with respect to the allegations made by the Public Prosecutor of Milan, there was not sufficient factual evidence to prove the involvement of the aforementioned former manager of Eni in the alleged crimes. On April 19, 2018, the Board of Directors appointed two external consultants, a criminal lawyer and a civil lawyer to provide independent legal advice in relation to the facts under investigation. Their report, dated November 22, 2018, did not find facts which could suggest any involvement of any Eni employees in the crimes alleged by the Public Prosecutor. On June 4, 2018, Consob, the Italian market regulator, requested to be informed about the above-mentioned proceeding. The request was addressed to the Company and to its Board of Statutory Auditors.

Specifically, Consob asked for the outcome of the forensic review and to be updated about any other audit action taken in relation to the matter by the Company and by its Board of Statutory Auditors. The Board of Statutory Auditors was also requested to report about the findings of the additional audit program agreed with an external auditor regarding the matter and to keep Consob updated about any further initiatives adopted. The Company answered the request on June 11, 2018. Subsequently, the Company finalized its response by sending further documentation including the final report of the independent third party and the reports of the consultants of the Board of Directors. The Board of Statutory Auditors has periodically updated Consob of the initiatives taken as part of the Board's monitoring responsibilities with several communications, the last of which on July 25, 2020. On June 13, 2018, Eni was notified of a request from the Prosecutor Office to transmit certain documentation in accordance with the Italian Code of Criminal Procedure. The request targeted evidence and documents relating to the internal audit performed by the Company and any possible external review concerning certain tasks that had been assigned to the former external lawyer with respect to Eni. This lawyer appears to be investigated as part of this proceeding. The reports of the independent third party and of the consultant of the Board of directors were also sent to the Public Prosecutor.

In May and June 2019, in the context of the same proceeding, the Court of Milan notified Eni and three of its subsidiaries (ETS SpA, Versalis SpA, Ecofuel SpA) of various requests for documentation in accordance with the Italian Code of Criminal Procedure. At the same time, on May 23, 2019, Eni was served a notice that the Company is being investigated pursuant to Legislative Decree No. 231/01, with reference to the crime sanctioned by the Italian Penal Code concerning "inducement not to make statements or to make false statements to the judicial authority".

The object of the aforementioned requests particularly concerned the relations with two business partners, access to Eni offices of certain third parties, also on behalf of one of the above-mentioned business partners, the mailbox of some employees and former employees, the documentation concerning the relations (and the interruption of those relations) with the former external lawyer investigated in the proceeding, the internal audit reports and the reports of the Company's bodies that dealt with assessing these relationships. Following internal audits, on June 21, 2019, the Company sued for fraud a former employee at its subsidiary ETS, who was fired on May 28, 2019, and also filed a complaint before the Judicial Authority to ascertain possible complicity in fraud of other third parties.

On August 14, 2019, the Italian tax police sent a new request for information to Eni, concerning the economic relations between Eni Group companies and an external professional.

In November 2019, Eni received a notice to extend the preliminary investigations. The notice also covered the investigations of the alleged breach of certain provisions of Italian Law Decree 231/01 until May 2020 on part of Eni. Furthermore, it was ascertained that certain former Eni employees have been charged with various criminal allegations. Those employees were a former manager of Eni's legal department, the former Chief Upstream Officer of Eni and an employee that was fired in 2013. A number of third parties have also been indicted, among them, two former legal consultants of Eni. On January 23, 2020, a search decree and an indictment were notified to the Company's Chief Services & Stakeholder Relations Officer, the Senior Vice President for Security and to a manager of the legal department. Following the requests for review of the aforementioned decree, the material deposited by the Public Prosecutor's Office was made available to the Company, which requested its examination by the same consultants appointed in 2018 to examine the documentation. Subsequently, in June, July and September 2020, Eni was notified by the Public Prosecutor of Milan of several requests for documentation concerning, in particular: the results of the inquiries carried out by the internal audit following an anonymous report relating to a hospitality event in 2017; some clarifications regarding an invoice issued by an external law firm; the internal audit report on relations with a commercial third part; work commitments of the Chief Services & Stakeholder Relations Officer relating to certain dates of 2014 and 2016; the documentation concerning the dismissal of a former Eni employee. All the required documentation has been produced over time to the Judicial Authority.

On November 9, 2020, the Company was informed of the notification to Eni's CEO of a technical assessments notice, with contextual guarantee information aimed at allowing participation, through its consultant, in the scheduled review of the content of a telephone device seized from a former Eni employee.

(iii) Eni SpA — Public Prosecutor of Milan — Insider trading. In March 2019, a request for extending certain investigations was notified to Eni's former Chief Upstream Officer by the public prosecutor office of Milan. The commencement of the investigations was otherwise not notified. The investigations related to an alleged breach of Italian provisions that regulate insider trading and access to market-sensitive information. The breach was allegedly made from November 1 to December 1, 2016. There were no more informative details about the alleged breach in the notified document. This investigation has been combined into the abovementioned one.

4. Tax proceedings

(i) Dispute for omitted payment of a property tax for some oil offshore platforms located in territorial waters. Tax disputes are pending with some Italian local authorities regarding whether oil&gas offshore platforms located within territorial boundaries should be subject to a property tax in the period 2016-2019.

In 2016 the tax regulatory framework changed due to enactment of law no. 208/2015, which excluded from the scope of the property tax the value of plants instrumental to specific production processes. In addition, the Finance Department recognized that offshore platforms met the requirements for classification as instrumental plants and consequently are excluded from the scope of the property tax (resolution no. 3 of June 1, 2016). Based on this interpretation, Eni did not pay any property tax for the years 2016-2019. However, the ruling of the Department of Finance is not binding for local authorities with taxing powers as recognized by the Third Instance Court and some of these have issued assessment notices for 2016-2019. The Company filed an appeal against these notices. Although Eni believes that oil platforms located in the territorial sea should be excluded from the tax base of the property tax on the base of the interpretation of the law in the light of the resolution of the Department of Finance, having assessed the risks of losing in pending disputes, the Company accrued a risk provision, the amount of which excludes fines since Eni's conduct was based on the administrative resolution, as well as taking into account the reduction of the tax base excluding the "plant component" as provided by the law. The proceeding is still ongoing.

Law Decree 124/2019 (enacted with Law 157/2019) has established, starting from 2020, that marine platforms are subject to a new property tax that will replace and supersede any other ordinary local property tax eventually levied on these plants up to 2019. This rule has therefore sanctioned, starting from 2020, the existence of the tax requirement for these plants.

5. Settled proceedings

(i) **EniPower SpA.** In 2004, the Public Prosecutor of Milan commenced inquiries into contracts awarded by Eni’s subsidiary EniPower SpA and as to supplies provided by other companies to EniPower SpA. It emerged that illicit payments were made by EniPower SpA suppliers to a manager of EniPower SpA who was immediately fired. The Court served EniPower SpA (the commissioning entity) and Snamprogetti SpA, now Saipem SpA (contractor of engineering and procurement services), with notices of investigation pursuant to Legislative Decree No. 231/01. In August 2007, Eni was notified that the Public Prosecutor requested the dismissal of EniPower SpA and Snamprogetti SpA, while the proceeding continues against former employees of these companies and employees and managers of the suppliers pursuant to Legislative Decree No. 231/01. Eni SpA, EniPower SpA and Snamprogetti SpA presented themselves as plaintiffs. In September 2011, the Court of Milan found that nine persons were guilty for the above-mentioned crimes. In addition, they were sentenced jointly and severally to the payment of all damages to be assessed through a specific proceeding and to the reimbursement of the proceeding expenses incurred by the plaintiffs. The Court also resolved to dismiss all the criminal indictments for 7 employees, representing some companies involved as a result of the statute of limitations, while the trial ended with an acquittal of 15 defendants. In reference to the parts involved in the proceeding pursuant to Legislative Decree No. 231/01, the Court found that 7 companies are responsible for the administrative offenses ascribed to them, imposing a fine and the disgorgement of profit. The Court rejected the position as plaintiffs of the Eni Group companies, reversing the prior decision made by the Court. This decision may have been made based on a pronouncement made by a Third Instance Court that stated the illegitimacy of the constitution as plaintiffs against any legal entity, as indicted pursuant to Legislative Decree No. 231/01. The sentenced parties filed appeal against the above-mentioned decision. The Appeal Court issued a ruling that substantially confirmed the first-degree judgment except for the fact that it ascertained the statute of limitation with regard to certain defendants. The Third Instance Court successively annulled the judgment of the Second Instance Court ascribing the judgment to another section that, once more, confirmed the sentence of first instance, excepting the rulings of the previous appeal sentence not subject to annulment, including the statute of limitation. The grounds of the sentence have been filed confirming the motivations provided by the previous instance Courts. An appeal was filed at the Third Instance Court solely for the purposes of the civil proceeding. Following this ruling by the Court, the criminal proceedings can be considered concluded.

(ii) **Eni Rewind SpA – Environmental disaster at Ferrandina.** In January 2018, the Public Prosecutor of Matera commenced a criminal proceeding against a manager of the Eni subsidiary Eni Rewind based on allegations of unlawful handling of waste and environmental disaster as part of the reclaiming activities performed at an industrial site (Ferrandina/Pisticci in the south of Italy). The charge related to an alleged spillover of effluent in the subsoil and then in a nearby river due to a damaged pipe dedicated to the transportation of effluent to a disposal plant owned by a third party. At the preliminary hearing in October 2019, the Judge dismissed the case on the basis that the defendant did not commit any crime. The sentence has become final.

(iii) **Algeria.** On January 15, 2020, the second penal section of the Court of Appeal of Milan confirmed the first-degree acquittal sentence against the former Eni managers in relation to the disputes for the acquisition of the FCP by Eni, declaring the appeal proposed by the Public prosecutor inadmissible against the Company. On June 12, 2020, the General Prosecutor filed an appeal in Third Instance Court for the part of the proceeding relating to Saipem, not expressly challenging the heads and points of the judgment relating to the so-called "Eni affair - FCP". The Third Instance Court rejected the appeal pronounced against Saipem, its former managers and third party accused. In 2012, Eni contacted the US Department of Justice (DoJ) and the US SEC in order to voluntarily inform them about this matter and has kept them informed about the developments in the Italian Prosecutors’ investigations and proceedings. Following Eni’s notification, both the US SEC and the DoJ started their own investigations regarding this matter. Eni has furnished various information and documents, including the findings of its internal reviews, in response to formal and informal requests. The DoJ notified Eni that based on the information it currently possessed, closing its investigation of Eni in connection with Eni’s and Saipem’s businesses in Algeria without the filing of any charges, ordering the closure of the proceeding as communicated to the market on October 1, 2019. In April 2020 Eni, having informed SEC of the acquittal pronounced on appeal on January 15, 2020, however concluded the investigation by the US SEC on Algerian activities of Saipem SpA, with a transaction that does not involve the admission of responsibility. The agreement provided for the payment of USD 19,750,000, which represents Eni’s part of the tax benefits obtained by Saipem in relation to the costs incurred by Saipem, which are non-deductible, in addition to a sum of compensation for interest equal to USD 4,750,000.

(iv) **Eni Rewind SpA and Versalis SpA — Summon for alleged environmental damage caused by illegal waste disposal in the municipality of Melilli (Sicily).** In May 2014, the Municipality of Melilli summoned Eni’s subsidiaries Eni Rewind and Versalis for the environmental damage allegedly caused by carrying out illegal waste disposal activities and unauthorized landfill. In particular, the plaintiff alleged Eni Rewind and Versalis were responsible because they produced the waste and commissioned the waste disposal. The plaintiff stated that this illegal handling of waste was part of certain criminal proceedings dating back to 2001-2003 which would have allegedly traced the hazardous waste materials back to the Priolo and Gela industrial sites that are managed by the above-mentioned Eni’s subsidiaries (in particular, the waste with high mercury concentration and railway sleepers no longer in use). Such waste was allegedly handled and disposed illegally at an unauthorized landfill owned by a third party. Two subsidiaries of Eni and a third-party waste company were claimed to be jointly and severally liable for damage amounting to €500 million. The third-party company executed waste disposal at the site. In June 2017, the Judge accepted all the defensive instances of Eni Rewind and Versalis, judging the requests of the Municipality to be inadmissible for lacking right to sue, also considering the requests to be unfounded or unproved, and ordered the Municipality to refund the expenses of the proceeding. In April 2018, the First Instance Judge rejected the counterclaim filed by the Municipality. An appeal for revocation is pending at the Third Instance Court. In July 2020 the appeal was held without defenders. The judge ordered the company to pay the expenses that were promptly provided.

Assets under concession arrangements

Eni operates under concession arrangements mainly in the Exploration & Production segment and the Refining & Marketing business line. In the Exploration & Production segment, contractual clauses governing mineral concessions, licenses and exploration permits regulate the access of Eni to hydrocarbon reserves. Such clauses can differ in each country. In particular, mineral concessions, licenses and permits are granted by the legal owners and, generally, entered into with government entities, State oil companies and, in some legal contexts, private owners. Pursuant to the assignment of mineral concessions, Eni sustains all the operational risks and costs related to the exploration and development activities and it is entitled to the productions realized. In respect of the mining concessions received, Eni pays royalties in accordance with the tax legislation in force in the country and is required to pay the income taxes deriving from the exploitation of the concession. In

production sharing agreement and service contracts, realized productions are defined based on contractual agreements with State oil companies, which hold the concessions. Such contractual agreements regulate the recovery of costs incurred for the exploration, development and operating activities (Cost Oil) and give entitlement to the own portion of the realized productions (Profit Oil). In the Refining & Marketing business line, several service stations and other auxiliary assets of the distribution service are located in the motorway areas and they are granted by the motorway concession operators following a public tender for the sub-concession of the supplying of oil products distribution service and other auxiliary services. In exchange for the granting of the services described above, Eni provides to the motorway companies fixed and variable royalties based on quantities sold. At the end of the concession period, all non-removable assets are transferred to the grantor of the concession for no consideration.

Environmental regulations

In the future, Eni will sustain significant expenses in relation to compliance with environmental, health and safety laws and regulations and for reclaiming, safety and remediation works of areas previously used for industrial production and dismantled sites. In particular, regarding the environmental risk, management does not currently expect any material adverse effect upon Eni’s Consolidated Financial Statements, taking account of ongoing remediation actions, existing insurance policies and the environmental risk provision accrued in the Consolidated Financial Statements. However, management believes that it is possible that Eni may incur material losses and liabilities in future years in connection with environmental matters due to: (i) the possibility of as yet unknown contamination; (ii) the results of ongoing surveys and other possible effects of statements required by Legislative Decree 152/2006; (iii) new developments in environmental regulation (i.e. Law No. 68/2015 on crimes against the environment and European Directive 2015/2193 on medium combustion plants); (iv) the effect of possible technological changes relating to future remediation; and (v) the possibility of litigation and the difficulty of determining Eni’s liability, if any, as against other potentially responsible parties with respect to such litigation and the possible insurance recoveries.

Emission trading

From 2013, the third phase of the European Union Emissions Trading Scheme (EU-ETS) came in force. The new phase marked a significant change in the method of awarding emission allowance from a no-consideration scheme based on historical emissions to allocation through auctioning. For the period 2013 – 2020, the award of free emission allowances is performed based on European benchmarks specific to each industrial segment, except for the thermoelectric sector that is not eligible for allocations for no consideration. This regulatory scheme implies for Eni’s plants subject to emission trading a lower assignment of emission permits compared to the emissions recorded in the relevant year and, consequently, the necessity of covering the amounts in excess by purchasing the relevant emission allowances on the open market. In 2020, the emissions of carbon dioxide from Eni’s plants were higher than the free allowances assigned to Eni. Against emissions of carbon dioxide amounting to approximately 17.32 million tonnes, Eni was awarded free emission allowances of 6.84 million tonnes, determining a deficit of 10.48 million tonnes. This deficit was entirely covered through the purchase of emission allowances in the open market.

Revenues and other income	12 Months Ended					
	Dec. 31, 2020					
Revenues and other income						
Revenues and other income	28 Revenues and other income					
	Sales from operations					
(€million)	Exploration & Production	Global Gas & LNG Portfolio	Refining & Marketing and Chemical	Eni gas luce, Power & Renewables	Corporate and Other activities	Total
2020						
Sales from operations	6,359	5,362	24,937	7,135	194	43,987
Products sales and service revenues						
Sales of crude oil	1,969		9,024			10,993
Sales of oil products	517		11,852			12,369
Sales of natural gas and LNG	3,505	5,000	20	2,741		11,266
Sales of petrochemical products			3,277		19	3,296
Sales of other products	113	(2)	36	2,366	2	2,515
Services	255	364	728	2,028	173	3,548
Total	6,359	5,362	24,937	7,135	194	43,987
Transfer of goods/services						
Goods/Services transferred in a specific moment	5,896	5,239	24,639	7,135	78	42,987
Goods/Services transferred over a period of time	463	123	298		116	1,000
2019						
Sales from operations	10,499	9,230	41,976	7,972	204	69,881
Products sales and service revenues						
Sales of crude oil	3,505		17,361			20,866
Sales of oil products	1,189		19,615			20,804
Sales of natural gas and LNG	5,454	8,881	214	3,373		17,922
Sales of petrochemical products			4,088		22	4,110
Sales of other products	68		16	2,503	6	2,593
Services	283	349	682	2,096	176	3,586
Total	10,499	9,230	41,976	7,972	204	69,881
Transfer of goods/services						
Goods/Services transferred in a specific moment	9,946	9,117	41,727	7,972	86	68,848
Goods/Services transferred over a period of time	553	113	249		118	1,033
2018						
Sales from operations	9,943	11,931	46,088	7,684	176	75,822
Products sales and service revenues						
Sales of crude oil	3,982		18,471			22,453
Sales of oil products	1,133		21,266			22,399
Sales of natural gas and LNG	4,554	11,575	166	3,347		19,642
Sales of petrochemical products			5,539		35	5,574
Sales of other products	27	1	20	2,362	11	2,421
Services	247	355	626	1,975	130	3,333
Total	9,943	11,931	46,088	7,684	176	75,822
Transfer of goods/services						
Goods/Services transferred in a specific moment	9,676	11,801	46,029	7,684	106	75,296
Goods/Services transferred over a period of time	267	130	59		70	526
(€million)				2020	2019	2018
Revenues associated with contract liabilities at the beginning of the period				818	747	342
Revenues associated with performance obligations totally or partially satisfied in previous years					10	11

Sales from operations by industry segment and geographical area of destination are disclosed in note 35 – Segment information and information by geographical area, where revenues for 2019 and 2018 are shown restated following the design of the new macrostructure of Eni, divided in two General Departments.

Sales from operations with related parties are disclosed in note 36 – Transactions with related parties.

Other income and revenues

(€million)	2020	2019	2018
Gains from sale of assets and businesses	10	152	454
Other proceeds	950	1,008	662
	960	1,160	1,116

Other proceeds include €357 million (€368 million in 2019) related to the recovery of the cost share of right-of-use assets pertaining to partners of unincorporated joint operations operated by Eni.

Other income and revenues with related parties are disclosed in note 36 – Transactions with related parties.

Costs	12 Months Ended		
	Dec. 31, 2020		
Costs			
Costs	29 Costs		
	Purchase, services and other charges		
	(€million)		
	2020	2019	2018
Production costs - raw, ancillary and consumable materials and goods	21,432	36,272	41,125
Production costs - services	9,710	11,589	10,625
Lease expense and other	876	1,478	1,820
Net provisions for contingencies	349	858	1,120
Other expenses	1,317	879	1,130
	33,684	51,076	55,820
less:			
- capitalized direct costs associated with self-constructed assets - tangible assets	(128)	(197)	(192)
- capitalized direct costs associated with self-constructed assets - intangible assets	(5)	(5)	(6)
	33,551	50,874	55,622
Purchase, services and other charges included geological and geophysical costs of exploration activities for €196 million (€275 million and €287 million in 2019 and 2018, respectively). In 2018, the item included operating leases for €872 million.			
Costs incurred in connection with research and development activities expensed through profit and loss, as they did not meet the requirements to be recognized as long-lived assets, amounted to €157 million (€194 million and €197 million in 2019 and 2018, respectively).			
Royalties on the extraction rights of hydrocarbons amounted to €673 million (€1,183 million and €1,043 million in 2019 and 2018, respectively).			
Additions to provisions net of reversal of unused provisions mainly related to net additions for litigations amounting to €76 million (net additions of €60 million and €101 million in 2019 and 2018, respectively) and net reversals for environmental liabilities amounting to €15 million (net additions of €329 million and €266 million in 2019 and 2018, respectively). More information is provided in note 20 – Provisions. Net additions to provisions by segment are disclosed in note 35 – Segment information and information by geographical area.			
Information about leases is disclosed in note 12 – Right-of-use assets and lease liabilities.			
	Payroll and related costs		
	(€million)		
	2020	2019	2018
Wages and salaries	2,193	2,417	2,409
Social security contributions	458	449	448
Cost related to employee benefit plans	102	85	220
Other costs	239	213	170
	2,992	3,164	3,247
less:			
- capitalized direct costs associated with self-constructed assets - tangible assets	(118)	(152)	(142)
- capitalized direct costs associated with self-constructed assets - intangible assets	(11)	(16)	(12)
	2,863	2,996	3,093
Other costs comprised provisions for redundancy incentives of €105 million (€45 million and €37 million in 2019 and 2018, respectively) and costs for defined contribution plans of €96 million (€99 million and €95 million in 2019 and 2018, respectively).			
Cost related to employee benefit plans are described in note 21 – Provisions for employee benefits.			
Costs with related parties are disclosed in note 36 – Transactions with related parties.			
	Average number of employees		

The Group average number and breakdown of employees by category is reported below:

(number)	2020		2019		2018	
	Subsidiaries	Joint operations	Subsidiaries	Joint operations	Subsidiaries	Joint operations
Senior managers	993	17	1,014	16	999	17
Junior managers	9,280	73	9,267	77	9,095	84
Employees	15,995	349	15,945	361	16,220	361
Workers	4,780	287	4,910	287	5,259	283
	31,048	726	31,136	741	31,573	745

The average number of employees was calculated as the average between the number of employees at the beginning and the end of the period. The average number of senior managers included managers employed in foreign countries, whose position is comparable to a senior manager’s status.

Long-term monetary incentive plan for the managers of Eni

On April 13, 2017 and on May 13, 2020, the Shareholders Meeting approved the Long-Term Monetary Incentive Plan 2017-2019 and 2020-2022 and empowered the Board of Directors to execute the Plan by authorizing it to dispose up to a maximum of 11 million of treasury shares in service of the plan 2017-2019 and 20 million in service of the plan 2020-2022.

The Long-Term Monetary Incentive plans provide for three annual awards (2017, 2018 and 2019 and 2020, 2021 and 2022, respectively) and are intended for the Chief Executive Officer of Eni and for the managers of Eni and its subsidiaries who qualify as “senior managers deemed critical for the business”, selected among those who are in charge of tasks directly linked to the Group results or of strategic clout to the business. The Plans provide the granting of Eni shares for no consideration to eligible managers after a three-year vesting period under the condition that they would remain in office until vesting. Considering that these incentives fall within the category of employee compensation, in accordance with IFRS, the cost of the plans is determined based on the fair value of the financial instruments awarded to the beneficiaries and the number of shares that are granted at the end of the vesting period; the cost is accruing along the vesting period.

With reference to the 2017-2019 Plan, the number of shares that will be granted at the end of the vesting period will depend: (i) for a 50%, on the market condition in terms of Total Shareholder Return (TSR) of the Eni share compared to the TSR of the FTSE Mib index of the Italian Stock Exchange Market, and to a group of Eni’s competitors (“Peer Group”)²⁹ and the TSR of their corresponding stock exchange market³⁰; (ii) for a 50%, on the growth in the Net Present Value (NPV) of proved reserves benchmarked against the Peer Group.

With reference to the 2020-2022 Plan, the number of shares that will be granted at the end of the vesting period will depend: (i) for 25% on a market objective measured as the difference between the Total Shareholder Return (TSR) of Eni Shares and the TSR of the FTSE Mib Index of Italian Stock Exchange on a three-year period, adjusted with Eni's correlation index, compared with similar differences for each company of the Eni's group of competitors (Peer Group); (ii) for 20% on a relative parameter represented by an industrial objective measured in terms of annual unit value (\$/boe) of the Net Present Value of Proven Reserves (NPV) compared with the analogous value of each company in the Peer Group, with a final outcome equal to the average annual results over the three-year period; (iii) for 20% on an absolute parameter represented by an economic-financial objective measured as the Organic Free Cash Flow accumulated in the three-year reference period, compared to the equivalent accumulated value provided for in the first three years of the Strategic Plan approved by the Board of Directors in the year of award and kept unchanged during the performance period. The verification of CFC targets is conducted net of exogenous variables, using a gap-analysis approach approved by the Remuneration Committee, in order to assess the effective corporate performance deriving from the management action; (iv) for the remaining 35% on an environmental sustainability and energy transition objective in a three-year period consisting of three absolute objectives as follows: (a) for 15% to a decarbonisation objective measured in terms of CO2eq emissions related to Eni operated Upstream production (tCO2eq/kboe) at the end of the three-year period compared with the same value expected in the third year of the Strategic Plan approved by the Board of Directors in the year of award and kept unchanged during the performance period; (b) for 10% on an energy transition objective measured in megawatts (MW) of installed capacity of power generation from renewable sources, at the end of the three-year performance period, compared with the same value expected in the third year of the Strategic Plan approved by the Board of Directors in the year of award and kept unchanged in the performance period; (c) for 10% on a circular economy objective measured in terms of progress of three important biofuel projects at the end of the three-year performance period, compared with the progress expected in the third year of the Strategic Plan approved by the Board of Directors in the year of award and kept unchanged during the performance period.

Depending on the performance of the parameters mentioned above, the number of shares that will vest after three years may range between 0% and 180% of the initial award. Furthermore, 50% of the shares that will eventually vest is subject to a lock-up clause of one year after the vesting date.

The number of shares awarded at the grant date was: (i) 2,922,749 shares in 2020, with a weighted average fair value of €4.67 per share; (ii) 1,759,273 shares in 2019, with a weighted average fair value of €0.88 per share ; (iii) 1,517,975 shares in 2018, with a weighted average fair value of €1.73 per share.

The estimation of the fair value was calculated by adopting specific valuation techniques regarding the different performance parameters provided by the plan (the stochastic method for the market condition of the plan and the Black-Scholes model for the component related to the NPV of the reserves, for the 2017-2019 Plan; the stochastic method for the 2020-2022 Plan), taking into account the fair value of the Eni share at the grant date (between €5.885 and €8.303 depending on the grant date in relation to the 2020 award; €13.714 per share in 2019; €14.246 per share in 2018), reduced by dividends expected along the vesting period (between 7.0% and 10.0% of the share price at vesting date in 2020; 6.1% of the share price at vesting date in 2019; 5.8% of the share price at vesting date in 2018), considering the volatility of the stock (between 41% and 44% in relation to the 2020 award; 19% for attribution 2019; 20% for attribution 2018), the forecasts for the performance parameters, as well as the lower value attributable to the shares considering the lock-up period at the end of the vesting period.

In 2020, the costs related to the long-term monetary incentive plan, recognized as a component of the payroll cost, amounted to €7 million (€9 million in 2019; €5 million in 2018) with a contra-entry

to equity reserves.

Compensation of key management personnel

Compensation, including contributions and collateral expenses, of personnel holding key positions in planning, directing and controlling the Eni Group subsidiaries, including executive and non-executive officers, general managers and managers with strategic responsibilities in office during the year consisted of the following:

(€million)	2020	2019	2018
Wages and salaries	30	28	27
Post-employment benefits	2	2	2
Other long-term benefits	12	12	10
Indemnities upon termination of employment	21	12	
	65	54	39

Compensation of Directors and Statutory Auditors

Compensation of Directors amounted to €7.54 million, €9.2 million and €9.6 million in 2020, 2019 and 2018, respectively. Compensation of Statutory Auditors amounted to €0.571 million, €0.613 million and €0.604 million in 2020, 2019 and 2018, respectively.

Compensation included emoluments and social security benefits due for the office as Director or Statutory Auditor held at the parent company Eni SpA or other Group subsidiaries, which was recognized as a cost to the Group, even if not subject to personal income tax.

²⁹ The group consists of the following oil companies:Apache, BP, Chevron, ConocoPhillips, Equinor, ExxonMobil, Marathon Oil, Occidental, Royal Dutch Shell and Total.

³⁰ The performance condition connected with the TSR in accordance with the international accounting standards represents a so-called market condition.

Finance income (expense)	12 Months Ended		
	Dec. 31, 2020		
Finance income (expense)			
Finance income (expense)	30 Finance income (expense)		
(€million)	2020	2019	2018
Finance income (expense)			
Finance income	3,531	3,087	3,967
Finance expense	(4,958)	(4,079)	(4,663)
Net finance income (expense) from financial assets held for trading	31	127	32
Income (expense) from derivative financial instruments	351	(14)	(307)
	(1,045)	(879)	(971)
The analysis of finance income (expense) was as follows:			
(€million)	2020	2019	2018
Finance income (expense) related to net borrowings			
Interest and other finance expense on ordinary bonds	(517)	(618)	(565)
Net finance income (expense) on financial assets held for trading	31	127	32
Interest and other expense due to banks and other financial institutions	(102)	(122)	(120)
Interest on lease liabilities	(347)	(378)	
Interest from banks	10	21	18
Interest and other income on financial receivables and securities held for non-operating purpose	12	8	8
	(913)	(962)	(627)
Exchange differences	(460)	250	341
Income (expense) from derivative financial instruments	351	(14)	(307)
Other finance income (expense)			
Interest and other income on financing receivables and securities held for operating purposes	97	112	132
Capitalized finance expense	73	93	52
Finance expense due to the passage of time (accretion discount) ^(a)	(190)	(255)	(249)
Other finance income (expense)	(3)	(103)	(313)
	(23)	(153)	(378)
	(1,045)	(879)	(971)

^(a) The item related to the increase in provisions for contingencies that are shown at present value in non-current liabilities. Information about leases is disclosed in note 12 — Right-of-use assets and lease liabilities.

The analysis of derivative financial income (expense) is disclosed in note 23 – Derivative financial instruments and hedge accounting.

Finance income (expense) with related parties are disclosed in note 36 — Transactions with related parties.

Income (expense) from investments	12 Months Ended			
	Dec. 31, 2020			
Income (expense) from investments				
Income (expense) from investments	31 Income (expense) from investments			
	Share of profit (loss) of equity-accounted investments			
	More information is provided in note 15 — Investments.			
	Share of profit or loss of equity accounted investments by industry segment is disclosed in note 35 — Segment information and information by geographical area.			
	Other gain (loss) from investments			
	(€million)	2020	2019	2018
Dividends		150	247	231
Net gain (loss) on disposals			19	22
Other net income (expense)		(75)	15	910
		75	281	1,163
	Dividend income primarily related to Nigeria LNG Ltd for €13 million and to Saudi European Petrochemical Co for €28 million (€86 million, €46 million in 2019 and €187 million and €35 million in 2018).			
	In 2018, other net income included a gain of €889 million deriving from the business combination between Eni Norge AS and Point Resources AS, with the establishment of joint venture the Vår Energi AS, determined by the difference between the book value of the investment corresponding to the fair value of the combined net assets and the book value of the net assets sold.			

Income taxes	12 Months Ended			
	Dec. 31, 2020			
Income taxes				
Income taxes	32 Income taxes			
	(€million)	2020	2019	2018
Current taxes:				
- Italian subsidiaries		199	347	301
- subsidiaries of the Exploration & Production segment - outside Italy		1,517	4,729	4,906
- other subsidiaries - outside Italy		84	152	163
		1,800	5,228	5,370
Net deferred taxes:				
- Italian subsidiaries		672	599	130
- subsidiaries of the Exploration & Production segment - outside Italy		73	(172)	497
- other subsidiaries - outside Italy		105	(64)	(27)
		850	363	600
		2,650	5,591	5,970
Current income taxes payable by Italian subsidiaries referred to foreign taxes for €69 million.				
The reconciliation between the statutory tax charge calculated by applying the Italian statutory tax rate of 24% (same amount in 2019 and 2018) and the effective tax charge is the following:				
	(€million)	2020	2019	2018
Profit (loss) before taxation		(5,978)	5,746	10,107
Tax rate (IRES) (%)		24.0	24.0	24.0
Statutory corporation tax charge (credit) on profit or loss		(1,435)	1,379	2,426
Increase (decrease) resulting from:				
- higher tax charges related to subsidiaries outside Italy		1,980	2,934	3,096
- impact pursuant to the write-down of deferred tax assets		1,785	938	261
- impact pursuant to foreign tax effects of italian entities		108	105	46
- Italian regional income tax (IRAP)		107	25	50
- effect due to the tax regime provided for intercompany dividends		96	65	47
- tax effects related to previous years		(30)	147	(24)
- other adjustments		39	(2)	68
		4,085	4,212	3,544
Effective tax charge		2,650	5,591	5,970
The higher tax charges at non-Italian subsidiaries related to the Exploration & Production segment for €1,777 million (€2,934 million and €3,014 million in 2019 and in 2018, respectively).				
In 2020, the Group incurred income taxes, despite a pre-tax loss of €5,978 million, due to the economic crisis caused by the COVID-19 having an enduring impact on the hydrocarbons demand and by the revision of the long-term prices and of future cash flows in Eni's activities. The lower projections of future taxable income had two impacts: the recognition of tax charges due to a write-down of deferred tax assets and a reduced capacity to recognize deferred taxes on the losses of the period.				

Earnings (loss) per share	12 Months Ended		
	Dec. 31, 2020		
Earnings (loss) per share			
Earnings (loss) per share	33 Earnings (loss) per share		
Basic earnings (loss) per ordinary share are calculated by dividing net profit (loss) for the period attributable to Eni’s shareholders by the weighted average number of ordinary shares issued and outstanding during the period, excluding treasury shares.			
Diluted earnings (loss) per share are calculated by dividing the net profit (loss) of the period attributable to Eni’s shareholders by the weighted average number of shares fully-diluted, excluding treasury shares, and including the number of potential shares to be issued in connection with stock-based compensation plans.			
As of December 31, 2020, the shares that could be potentially issued related the estimation of new shares that will vest in connection with the 2017-2019 and 2020–2022 long-term monetary incentive plans.			
Reconciliation of the weighted average number of shares used for the calculation for both basic and diluted earnings (loss) per share was as follows:			
	2020	2019	2018
Weighted average number of shares used for basic earnings (loss) per share	3,572,549,651	3,592,249,603	3,601,140,133
Potential shares to be issued for ILT incentive plan	6,465,718	2,251,406	2,782,584
Weighted average number of shares used for diluted earnings (loss) per share	3,579,015,369	3,594,501,009	3,603,922,717
Eni’s net profit (loss)	(€million) (8,635)	148	4,126
Basic earnings (loss) per share	(€per share) (2.42)	0.04	1.15
Diluted earnings (loss) per share	(€per share) (2.42)	0.04	1.15

Exploration for evaluation of oil&gas resources	12 Months Ended			
	Dec. 31, 2020			
Exploration for evaluation of oil&gas resources				
Exploration for evaluation of oil&gas resources	34 Exploration for evaluation of oil&gas resources			
	(€million)	2020	2019	2018
	Revenues related to exploration activity and evaluation		34	17
	Exploration activity and evaluation costs:			
	- write-off of exploration and evaluation costs	314	214	93
	- costs of geological and geophysical studies	196	275	287
	Exploration expense for the year	510	489	380
	Intangible assets: proved and unproved exploration licence and leasehold property acquisition costs	888	1,031	1,081
	Tangible assets: capitalized exploration and evaluation costs	1,341	1,563	1,267
	Total tangible and intangible assets	2,229	2,594	2,348
	Provision for decommissioning related to exploration activity and evaluation	93	109	77
	Exploration expenditure (net cash used in investing activivties)	283	586	463
	Geological and geophysical costs (cash flow from operating activities)	196	275	287
	Total exploration effort	479	861	750

Segment information and information by geographical area	12 Months Ended
	Dec. 31, 2020
Segment information and information by geographical area	
Segment information and information by geographical area	35 Segment information and information by geographic area
Segment information	
Effective July 1, 2020, Eni’s management has redesigned the macro-organizational structure of the Group, in line with its new long-term strategy, disclosed in February 2020 to the market and aimed at transforming the Company into a leader in the production and marketing of decarbonized energy products.	
The new organization is based on two new General Departments:	
Natural Resources, to build up the value of Eni's oil&gas upstream portfolio, with the objective of reducing its carbon footprint by scaling up energy efficiency and expanding production in the natural gas business, and its position in the wholesale market. Furthermore, it will focus its actions on the development of carbon capture and compensation projects. The General Department will incorporate the Company's oil&gas exploration, development and production activities, natural gas wholesale via pipeline and LNG. In addition, it will include forests conservation (REDD+) and carbon storage projects. The company Eni Rewind (environmental activities), will also be consolidated in this General Department.	
Energy Evolution will focus on the evolution of the businesses of power generation, transformation and marketing of products from fossil to bio, blue and green. In particular, it will focus on growing power generation from renewable energy and biomethane, it will coordinate the bio and circular evolution of the Company's refining system and chemical business, and it will further develop Eni’s retail portfolio, providing increasingly more decarbonized products for mobility, household consumption and small enterprises. The General Department will incorporate the activities of power generation from natural gas and renewables, the refining and chemicals businesses, Retail Gas&Power and mobility Marketing. The companies Versalis (chemical products) and Eni gas e luce will also be consolidated in this General Department.	
In re-designing the Group’s segment information for financial reporting purposes, the management evaluated that the components of the Company whose operating results are regularly reviewed by the Chief Operating Decision Maker (CEO) to make decisions about the allocation of resources and to assess performances would continue being the single business units which are comprised in the two newly-established General Departments, rather than the two groups themselves. Therefore, in order to comply with the provisions of the international reporting standard that regulates the segment reporting (IFRS 8), the new reportable segments of Eni, substantially confirming the pre-existing setup, are identified as follows:	
Exploration & Production: research, development and production of oil, condensates and natural gas, forestry conservation (REDD+) and CO2 capture and storage projects.	
Global Gas & LNG Portfolio (GGP): supply and sale of wholesale natural gas by pipeline, international transport and purchase and marketing of LNG. It includes gas trading activities finalized to hedging and stabilizing the trade margins, as well as optimising the gas asset portfolio.	
Refining & Marketing and Chemicals: supply, processing, distribution and marketing of fuels and chemicals. The results of the Chemicals segment were aggregated with the Refining & Marketing performance in a single reportable segment, because these two operating segments have similar economic returns. It comprises the activities of trading oil and products with the aim to execute the transactions on the market in order to balance the supply and stabilize and cover the commercial margins.	
Eni gas e luce, Power & Renewables: retail sales of gas, electricity and related services, production and wholesale sales of electricity from thermoelectric and renewable plants. It includes trading activities of CO2 emission certificates and forward sale of electricity with a view to hedging/optimising the margins of the electricity.	
Corporate and Other activities: includes the main business support functions, in particular holding, central treasury, IT, human resources, real estate services, captive insurance activities, research and development, new technologies, business digitalization and the environmental activity developed by the subsidiary Eni Rewind.	
Segment information presented to the CEO (i.e. the Chief Operating Decision Maker, ex IFRS 8) includes: revenues, operating profit and directly attributable assets and liabilities.	
According to the requirements of the international accounting standards regarding segment information in the event of a reorganization of business segments, the segment information for the 2019 and 2018 comparative periods have been restated for homogeneous comparison as follows.	
As reported in 2019:	
(€million)	
2019	
Sales from operations including intersegment sales	23,572 50,015 23,334 1,681
Less: intersegment sales	(13,073) (11,855) (2,317) (1,476)
Sales from operations	10,499 38,160 21,017 205
Operating profit	7,417 699 (854) (710) (120) 6,432
Identifiable assets ^(a)	68,915 9,176 12,336 1,860 (492) 91,795
Identifiable liabilities ^(a)	20,164 7,852 4,599 3,927 (141) 36,401

2018						
Sales from operations including intersegment sales	25,744	55,690	25,216	1,589		
Less: intersegment sales	(15,801)	(12,581)	(2,622)	(1,413)		
Sales from operations	9,943	43,109	22,594	176		75,822
Operating profit ^(a)	10,214	629	(380)	(691)	211	9,983
Identifiable assets ^(a)	63,051	9,989	11,692	1,171	(420)	85,483
Identifiable liabilities ^(a)	18,110	8,314	4,319	4,072	(275)	34,540

(a) Include assets/liabilities directly associated with the generation of operating profit.

As restated:

(€million)	Exploration & Production	Global Gas & LNG Portfolio	Refining & Marketing and Chemicals	Eni gas e lucce, Power & Renewables	Corporate and Other activities	Adjustments of intragroup profits	Total
2019							
Sales from operations including intersegment sales	23,572	11,779	42,360	8,448	1,676		
Less: intersegment sales	(13,073)	(2,549)	(384)	(476)	(1,472)		
Sales from operations	10,499	9,230	41,976	7,972	204		69,881
Operating profit ^(a)	7,417	431	(682)	74	(688)	(120)	6,432
Identifiable assets ^(a)	68,915	4,092	13,569	4,068	1,643	(492)	91,795
Identifiable liabilities ^(a)	20,164	3,836	6,272	2,380	3,890	(141)	36,401
2018							
Sales from operations including intersegment sales	25,744	14,807	46,483	8,218	1,588		
Less: intersegment sales	(15,801)	(2,876)	(395)	(534)	(1,412)		
Sales from operations	9,943	11,931	46,088	7,684	176		75,822
Operating profit ^(a)	10,214	387	(501)	340	(668)	211	9,983
Identifiable assets ^(a)	63,051	4,642	13,099	4,008	1,103	(420)	85,483
Identifiable liabilities ^(a)	18,110	4,089	6,201	2,364	4,051	(275)	34,540

(a) Include assets/liabilities directly associated with the generation of operating profit.

Segment Information

(€million)	Exploration & Production	Global Gas & LNG Portfolio	Refining & Marketing and Chemicals	Eni gas e lucce Power & Renewables	Corporate and Other activities	Adjustments of intragroup profits	Total
2020							
Sales from operations including intersegment sales	13,590	7,051	25,340	7,536	1,559		
Less: intersegment sales	(7,231)	(1,689)	(403)	(401)	(1,365)		
Sales from operations	6,359	5,362	24,937	7,135	194		43,987
Operating profit	(610)	(332)	(2,463)	660	(563)	33	(3,275)
Net provisions for contingencies	98	64	118	(2)	26	45	349
Depreciation and amortization	(6,273)	(125)	(575)	(217)	(146)	32	(7,304)
Impairments of tangible and intangible assets and right-of-use assets	(2,170)	(2)	(1,605)	(56)	(22)		(3,855)
Reversals of tangible and intangible assets	282		334	55	1		672
Write-off of tangible and intangible assets	(322)			(7)			(329)
Share of profit (loss) of equity-accounted investments	(980)	(15)	(363)	6	(381)		(1,733)
Identifiable assets ^(a)	59,439	4,020	10,716	4,387	1,444	(402)	79,604
Unallocated assets ^(b)							30,044
Equity-accounted investments	2,680	259	2,605	217	988		6,749
Identifiable liabilities ^(a)	17,501	3,785	5,460	2,426	3,316	(83)	32,405
Unallocated liabilities ^(a)							39,750
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	3,472	11	771	293	107	(10)	4,644
2019							
Sales from operations including intersegment sales	23,572	11,779	42,360	8,448	1,676		
Less: intersegment sales	(13,073)	(2,549)	(384)	(476)	(1,472)		
Sales from operations	10,499	9,230	41,976	7,972	204		69,881
Operating profit	7,417	431	(682)	74	(688)	(120)	6,432
Net provisions for contingencies	97	234	276	(5)	307	(51)	858
Depreciation and amortization	(7,060)	(124)	(620)	(190)	(144)	32	(8,106)
Impairments of tangible and intangible assets and right-of-use assets	(1,347)		(1,127)	(83)	(13)		(2,570)
Reversals of tangible and intangible assets	130	5	205	41	1		382
Write-off of tangible and intangible assets	(292)		(6)	(1)	(1)		(300)

Share of profit (loss) of equity-accounted investments	7	(21)	(63)	10	(21)	(88)
Identifiable assets ^(a)	68,915	4,092	13,569	4,068	1,643	91,795
Unallocated assets ^(b)						31,645
Equity-accounted investments	4,108	346	3,107	141	1,333	9,035
Identifiable liabilities ^(a)	20,164	3,836	6,272	2,380	3,890	36,401
Unallocated liabilities ^(b)						39,139
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	6,996	15	933	357	89	8,376
2018						
Sales from operations including intersegment sales	25,744	14,807	46,483	8,218	1,588	
Less: intersegment sales	(15,801)	(2,876)	(395)	(534)	(1,412)	
Sales from operations	9,943	11,931	46,088	7,684	176	75,822
Operating profit	10,214	387	(501)	340	(668)	9,983
Net provisions for contingencies	235	53	274		579	1,120
Depreciation and amortization	(6,152)	(226)	(399)	(182)	(59)	(6,988)
Impairments of tangible and intangible assets	(1,025)	(6)	(193)	(50)	(18)	(1,292)
Reversals of tangible and intangible assets	299	79		48		426
Write-off of tangible and intangible assets	(97)	(1)	(2)			(100)
Share of profit (loss) of equity-accounted investments	158	(2)	(67)	11	(168)	(68)
Identifiable assets ^(a)	63,051	4,642	13,099	4,008	1,103	85,483
Unallocated assets ^(b)						32,890
Equity-accounted investments	4,972	355	275	139	1,303	7,044
Identifiable liabilities ^(a)	18,110	4,089	6,201	2,364	4,051	34,540
Unallocated liabilities ^(b)						32,760
Capital expenditure in tangible and intangible assets	7,901	26	877	238	94	9,119

- (a) Include assets/liabilities directly associated with the generation of operating profit.
- (b) Include assets/liabilities not directly associated with the generation of operating profit.

Financial information by geographical area

Identifiable assets and investments by geographical area of origin

(€million)	Italy	Other European Union	Rest of Europe	Americas	Asia	Africa	Other areas	Total
2020								
Identifiable assets ^(a)	17,228	4,159	3,174	4,485	16,360	33,341	857	79,604
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	1,198	152	119	441	1,267	1,443	24	4,644
2019								
Identifiable assets ^(a)	19,346	7,237	1,151	5,230	17,898	40,021	912	91,795
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	1,402	306	9	1,017	1,685	3,902	55	8,376
2018								
Identifiable assets ^(a)	18,646	7,086	1,031	4,546	16,910	36,155	1,109	85,483
Capital expenditure in tangible and intangible assets	1,424	267	538	534	1,782	4,533	41	9,119

- (a) Include assets directly associated with the generation of operating profit.

Sales from operations by geographical area of destination

(€million)	2020	2019	2018
Italy	14,717	23,312	25,279
Other European Union	9,508	18,567	20,408
Rest of Europe	8,191	6,931	7,052
Americas	2,426	3,842	5,051
Asia	4,182	8,102	9,585
Africa	4,842	8,998	8,246

Other areas	121	129	201
	<u>43,987</u>	<u>69,881</u>	<u>75,822</u>

Following the exit from the European Union in 2020, revenues relating to the United Kingdom of €4,410 million for 2020 are included in the geographical area “Rest of Europe” while €6,856 million for 2019 and €6,286 million for 2018 are included in the geographical area “European Union”.

Snam Group	189	211	45	1,012	
Terna Group	46	62	152	225	8
GSE - Gestore Servizi Energetici	52	37	586	309	40
Other ^(*)	8	49	20	63	
	400	701	857	2,874	134
Other related parties	1	4	2	53	
Groupement Sonatrach - Agip «GSA» and Organe Conjoint des Opérations «OC SH/FCP»	87	52	19	262	
	1,021	2,575	2,443	1,199	6,637
					13

(*) Each individual amount included herein was lower than €50 million.

(€million) Name	December 31, 2019			2019		
	Receivables and other assets	Payables and other liabilities	Guarantees	Revenues	Costs	Other operating (expense) income
Joint ventures and associates						
Agiba Petroleum Co	3	71			229	
Angola LNG Supply Services Llc			181			
Coral FLNG SA	15		1,168	71		
Gas Distribution Company of Thessaloniki - Thessaly SA		13			53	
Saipem Group	75	227	510	27	503	
Karachaganak Petroleum Operating BV	33	198		1	1,134	
Mellitah Oil & Gas BV	57	171		3	365	
Petrobrel Belayim Petroleum Co	50	1,130		7	1,590	
Unión Fenosa Gas SA	8	1	57	1	6	63
Vår Energi AS	32	143	482	63	1,481	(64)
Other ^(*)	106	29	1	112	87	
	379	1,983	2,399	285	5,448	(1)
Unconsolidated entities controlled by Eni						
Eni BTC Ltd			180			
Industria Siciliana Acido Fosforico - ISAF SpA (in liquidation)	101	1	3	14		
Other	5	25	14	6	18	
	106	26	197	20	18	
	485	2,009	2,596	305	5,466	(1)
Entities controlled by the Government						
Enel Group	185	284		105	602	(8)
Italgas Group	3	154		1	677	
Snam Group	278	229		71	1,208	
Terna Group	40	45		171	223	17
GSE - Gestore Servizi Energetici	26	24		549	468	11
Other	10	19		12	35	
	542	755		909	3,213	20
Other related parties	2	3		5	37	
Groupement Sonatrach - Agip «GSA» and Organe Conjoint des Opérations «OC SH/FCP»	75	74		33	457	
	1,104	2,841	2,596	1,252	9,173	19

(*) Each individual amount included herein was lower than €50 million.

(€million) Name	December 31, 2018			2018		
	Receivables and other assets	Payables and other liabilities	Guarantees	Revenues	Costs	Other operating (expense) income
Joint ventures and associates						
Agiba Petroleum Co	1	96			156	

Angola LNG Supply Services Llc			177			
Coral FLNG SA	14		1,147	62		
Gas Distribution Company of Thessaloniki - Thessaly SA	1	18			51	
Saipem Group	75	171	793	30	420	
Karachaganak Petroleum Operating BV	27	134		1	998	
Mellitah Oil & Gas BV	1	268		1	502	
Petrobel Belayim Petroleum Co	56	2,029		7	2,282	
Unión Fenosa Gas SA	4	7	57	123		37
Vår Energi AS	13	100	218			
Other ^(*)	44	25		111	104	(26)
	236	2,848	2,392	335	4,513	11
Unconsolidated entities controlled by Eni						
Eni BTC Ltd			177			
Industria Siciliana Acido Fosforico - ISAF SpA (in liquidation)	87	1	5	11		
Other	6	23	14	7	13	
	93	24	196	18	13	
	329	2,872	2,588	353	4,526	11
Entities controlled by the Government						
Enel Group	134	151		118	514	227
Italgas Group	5	146		23	667	
Snam Group	237	289		109	1,184	(1)
Terna Group	26	47		150	231	8
GSE - Gestore Servizi Energetici	67	85		555	588	74
Other	25	18		45	34	
	494	736		1,000	3,218	308
Other related parties						
Groupement Sonatrach - Agip «GSA» and Organe Conjoint des Opérations «OC SH/FCP»	1	2		4	32	
	40	140		34	229	
	864	3,750	2,588	1,391	8,005	319

(*) Each individual amount included herein was lower than €50 million.

The most significant transactions with joint ventures, associates and unconsolidated subsidiaries concerned:

- Eni’s share of expenses incurred to develop oil fields from Agiba Petroleum Co, Karachaganak Petroleum Operating BV, Mellitah Oil & Gas BV, Petrobel Belayim Petroleum Co, Groupement Sonatrach - Agip «GSA», Organe Conjoint des Opérations «OC SH/FCP» and, only for Karachaganak Petroleum Operating BV, purchase of crude oil by Eni Trading & Shipping SpA; services charged to Eni’s associates are invoiced on the basis of incurred costs;
- a guarantee issued on behalf of Angola LNG Supply Services Llc to cover the commitments relating to the payment of the regasification fee;
- supply of upstream specialist services and a guarantee issued on a pro-quota basis granted to Coral FLNG SA on behalf of the Consortium TJS for the contractual obligations assumed following the award of the EPCIC contract for the construction of a floating gas liquefaction plant (for more information see note 27 - Guarantees, commitments and risks);
- the acquisition of transport and distribution services from the Gas Distribution Company of Thessaloniki - Thessaly SA;
- engineering, construction and drilling services by Saipem Group mainly for the Exploration & Production segment and residual guarantees issued by Eni SpA relating to bid bonds and performance bonds;
- advances received from Società Oleodotti Meridionali SpA for the infrastructure upgrade of the crude oil transport system at the Taranto refinery;
- the sale of gas to Société Centrale Electrique du Congo SA;
- a performance guarantee given on behalf of Unión Fenosa Gas SA in relation to contractual commitments related to the results of operations, sale of gas and fair value of derivative financial instruments;
- guarantees issued in compliance with contractual agreements in the interest of Vår Energi AS, the supply of upstream specialist services, the purchase of crude oil, condensates and the

realized part of the forward contracts for the purchase of gas;

- a guarantee issued in relation to the construction of an oil pipeline on behalf of Eni BTC Ltd; and
- services for environmental restoration to Industria Siciliana Acido Fosforico - ISAF SpA (in liquidation).

The most significant transactions with entities controlled by the Italian Government concerned:

- sale of fuel, sale and purchase of gas, acquisition of power distribution services and fair value of derivative financial instruments with Enel Group;
- acquisition of natural gas transportation, distribution and storage services with Snam Group and Italgas Group on the basis of the tariffs set by the Italian Regulatory Authority for Energy, Networks and Environment and purchase and sale with Snam Group of natural gas for granting the system balancing on the basis of prices referred to the quotations of the main energy commodities;
- acquisition of domestic electricity transmission service and sale and purchase of electricity for granting the system balancing based on prices referred to the quotations of the main energy commodities, and derivatives on commodities entered to hedge the price risk related to the utilization of transport capacity rights with Terna Group;
- sale and purchase of electricity, gas, environmental certificates, fair value of derivative financial instruments, sale of oil products and storage capacity with GSE - Gestore Servizi Energetici for the setting-up of a specific stock held by the Organismo Centrale di Stoccaggio Italiano (OCSIT) according to the Legislative Decree No. 249/2012; the contribution to cover the charges deriving from the performance of OCSIT functions and activities and the contribution paid to GSE for the use of biomethane and other advanced biofuels in the transport sector.

Transactions with other related parties concerned:

- provisions to pension funds managed by Eni of €40 million; and
- contributions and service provisions to Eni Enrico Mattei Foundation for €5 million and to Eni Foundation for €1 million.

Financing transactions and balances with related parties

(€million)	December 31, 2020			2020	
Name	Receivables	Payables	Guarantees	Gains	Charges
Joint ventures and associates					
Angola LNG Ltd			228		
Cardón IV SA	383			57	
Coral FLNG SA	288			22	1
Coral South FLNG DMCC			1,304		
Saipem Group	2	167			6
Société Centrale Electrique du Congo SA	83			7	
Other	15	12	1	27	18
	771	179	1,533	113	25
Unconsolidated entities controlled by Eni					
Other	36	28		1	
	36	28		1	
Entities controlled by the Government					
Other		11			1
		11			1
	807	218	1,533	114	26
(€million)	December 31, 2019			2019	
Name	Receivables	Payables	Guarantees	Gains	Charges
Joint ventures and associates					
Angola LNG Ltd			249		
Cardón IV SA	563	5		77	

Coral FLNG SA	253				2
Coral South FLNG DMCC			1,425		
Société Centrale Electrique du Congo SA	85				20
Other	18	14	2	18	14
	919	19	1,676	95	36
Unconsolidated entities controlled by Eni					
Other	48	28		1	
	48	28		1	
Entities controlled by the Government					
Other	4	12			
	4	12			
	971	59	1,676	96	36

	December 31, 2018			2018	
(€million)					
Name	Receivables	Payables	Guarantees	Gains	Charges
Joint ventures and associates					
Angola LNG Ltd			245		
Cardón IV SA	705	36		95	
Coral FLNG SA	108				
Coral South FLNG DMCC			1,397		
Shatskmorneftegaz Sàrl				7	267
Société Centrale Electrique du Congo SA	64	30			5
Vår Energi AS		494			
Other	38	4	22	13	9
	915	564	1,664	115	281
Unconsolidated entities controlled by Eni					
Other	49	25			
	49	25			
Entities controlled by the Government					
Enel Group		64			
Other		8			2
		72			2
	964	661	1,664	115	283

The most significant transactions with joint ventures, associates and unconsolidated subsidiaries concerned:

- bank debt guarantees issued on behalf of Angola LNG Ltd;
- the financing loan granted to Cardón IV SA for the exploration and development activities of a gas field in Venezuela;
- the financing loan granted to Coral FLNG SA for the construction of a floating gas liquefaction plant in Area 4 offshore Mozambique (for more information see note 27 - Guarantees, commitments and risks);
- a bank debt guarantee issued on behalf of Coral South FLNG DMCC as part of the project financing of the Coral FLNG development project (for more information see note 27 - Guarantees, commitments and risks);
- lease liabilities towards the Saipem group relating to multi-year contracts for the use of drilling equipment;
- the loan granted to Société Centrale Electrique du Congo SA for the construction of a power plant in Congo.

Impact of transactions and positions with related parties on the balance sheet, profit and loss account and statement of cash flows

The impact of transactions and positions with related parties on the balance sheet accounts consisted of the following:

(€million)	December 31, 2020			December 31, 2019		
	Total	Related parties	Impact %	Total	Related parties	Impact %
Other current financial assets	254	41	16.14	384	60	15.63
Trade and other receivables	10,926	802	7.34	12,873	704	5.47
Other current assets	2,686	145	5.40	3,972	219	5.51
Other non-current financial assets	1,008	766	75.99	1,174	911	77.60
Other non-current assets	1,253	74	5.91	871	181	20.78
Short-term debt	2,882	52	1.80	2,452	46	1.88
Current portion of long-term lease liabilities	849	54	6.36	889	5	0.56
Trade and other payables	12,936	2,100	16.23	15,545	2,663	17.13
Other current liabilities	4,872	452	9.28	7,146	155	2.17
Non-current lease liabilities	4,169	112	2.69	4,759	8	0.17
Other non-current liabilities	1,877	23	1.23	1,611	23	1.43

The impact of transactions with related parties on the profit and loss accounts consisted of the following:

(€million)	2020			2019			2018		
	Total	Related parties	Impact %	Total	Related parties	Impact %	Total	Related parties	Impact %
Sales from operations	43,987	1,164	2.65	69,881	1,248	1.79	75,822	1,383	1.82
Other income and revenues	960	35	3.65	1,160	4	0.34	1,116	8	0.72
Purchases, services and other	(33,551)	(6,595)	19.66	(50,874)	(9,173)	18.03	(55,622)	(8,009)	14.40
Net (impairment losses) reversals of trade and other receivables	(226)	(6)	2.65	(432)	28	—	(415)	26	—
Payroll and related costs	(2,863)	(36)	1.26	(2,996)	(28)	0.93	(3,093)	(22)	0.71
Other operating income (expense)	(766)	13	—	287	19	6.62	129	319	—
Finance income	3,531	114	3.23	3,087	96	3.11	3,967	115	2.90
Finance expense	(4,958)	(26)	0.52	(4,079)	(36)	0.88	(4,663)	(283)	6.07

Main cash flows with related parties are provided below:

(€million)	2020	2019	2018
Revenues and other income	1,199	1,252	1,391
Costs and other expenses	(5,789)	(6,869)	(5,210)
Other operating (expense) income	13	19	319
Net change in trade and other receivables and payables	(136)	(839)	683
Net interests	73	81	110
Net cash provided from operating activities	(4,640)	(6,356)	(2,707)
Capital expenditure in tangible and intangible assets	(842)	(2,332)	(2,768)
Net change in accounts payable and receivable in relation to investments	(370)	(339)	20
Change in financial receivables	(160)	(241)	(566)
Net cash used in investing activities	(1,372)	(2,912)	(3,314)
Change in financial and lease liabilities	164	(817)	16
Net cash used in financing activities	164	(817)	16
Total financial flows to related parties	(5,848)	(10,085)	(6,005)

The impact of cash flows with related parties consisted of the following:

(€million)	2020			2019			2018		
	Total	Related parties	Impact %	Total	Related parties	Impact %	Total	Related parties	Impact %
Net cash provided from operating activities	4,822	(4,640)	—	12,392	(6,356)	—	13,647	(2,707)	—
Net cash used in investing activities	(4,587)	(1,372)	29.91	(11,413)	(2,912)	25.51	(7,536)	(3,314)	43.98
Net cash used in financing activities	3,253	164	5.04	(5,841)	(817)	13.99	(2,637)	16	—

Other information about investments	12 Months Ended							
	Dec. 31, 2020							
Other information about investments								
Other information about investments	37 Other information about investments							
Information on Eni’s investments as of December 31, 2020								
The following section provides information about Eni’s subsidiaries, joint arrangements, associates and other significant investments as of December 31, 2020. Unless otherwise indicated, share capital is represented by ordinary shares directly held by the Group, while ownership interest corresponds to voting rights.								
Parent company								
Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership		
Eni SpA ^(*)	Rome	Italy	EUR	4,005,358,876	Cassa Depositi e Prestiti SpA	25.96		
					Ministero dell'Economia e delle Finanze	4.37		
					Eni SpA	0.92		
					Other shareholders	68.75		
Subsidiaries								
Exploration & Production								
Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
In Italy								
Eni Angola SpA	San Donato Milanese (MI)	Angola	EUR	20,200,000	Eni SpA	100.00	100.00	F.C.
Eni Mediterranea Idrocarburi SpA	Gela (CL)	Italy	EUR	5,200,000	Eni SpA	100.00	100.00	F.C.
Eni Mozambico SpA	San Donato Milanese (MI)	Mozambique	EUR	200,000	Eni SpA	100.00	100.00	F.C.
Eni Timor Leste SpA	San Donato Milanese (MI)	East Timor	EUR	4,386,849	Eni SpA	100.00	100.00	F.C.
Eni West Africa SpA	San Donato Milanese (MI)	Angola	EUR	10,000,000	Eni SpA	100.00	100.00	F.C.
Floaters SpA	San Donato Milanese (MI)	Italy	EUR	200,120,000	Eni SpA	100.00	100.00	F.C.
Ieoc SpA	San Donato Milanese (MI)	Egypt	EUR	7,518,000	Eni SpA	100.00	100.00	F.C.
Società Petrolifera Italiana SpA	San Donato Milanese (MI)	Italy	EUR	8,034,400	Eni SpA	99.96	99.96	F.C.
					Third parties	0.04		
(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value								
(#) Company with shares quoted in the regulated market of Italy or of other EU countries								
Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Outside Italy								
Agip Caspian Sea BV	Amsterdam (Netherlands)	Kazakhstan	EUR	20,005	Eni International BV	100.00	100.00	F.C.
Agip Energy and Natural Resources (Nigeria) Ltd	Abuja (Nigeria)	Nigeria	NGN	5,000,000	Eni International BV	95.00	100.00	F.C.
					Eni Oil Holdings BV	5.00		
Agip Karachaganak BV	Amsterdam (Netherlands)	Kazakhstan	EUR	20,005	Eni International BV	100.00	100.00	F.C.
Burren Energy (Bermuda) Ltd ^(#)	Hamilton (Bermuda)	United Kingdom	USD	12,002	Burren Energy Plc	100.00	100.00	F.C.
Burren Energy (Egypt) Ltd	London (United Kingdom)	Egypt	GBP	2	Burren Energy Plc	100.00		Eq.
Burren Energy Congo Ltd	Tortola (British Virgin Islands)	Republic of the Congo	USD	50,000	Burren En.(Berm)Ltd	100.00	100.00	F.C.
Burren Energy India Ltd	London (United Kingdom)	United Kingdom	GBP	2	Burren Energy Plc	100.00	100.00	F.C.
Burren Energy Plc	London (United Kingdom)	United Kingdom	GBP	28,819,023	Eni UK Holding Plc	99.99	100.00	F.C.
					Eni UK Ltd	(..)		
Burren Shakti Ltd ^(#)	Hamilton (Bermuda)	United Kingdom	USD	213,138	Burren En. India Ltd	100.00	100.00	F.C.
Eni Abu Dhabi BV	Amsterdam (Netherlands)	United Arab Emirates	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni AEP Ltd	London (United Kingdom)	Pakistan	GBP	471,000	Eni UK Ltd	100.00	100.00	F.C.
Eni Albania BV	Amsterdam (Netherlands)	Netherlands	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Algeria Exploration BV	Amsterdam (Netherlands)	Algeria	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Algeria Ltd Sàrl	Luxembourg (Luxembourg)	Algeria	USD	20,000	Eni Oil Holdings BV	100.00	100.00	F.C.
Eni Algeria Production BV	Amsterdam (Netherlands)	Algeria	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Ambalat Ltd	London (United Kingdom)	Indonesia	GBP	1	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni America Ltd	Dover (USA)	USA	USD	72,000	Eni UHL Ltd	100.00	100.00	F.C.
Eni Angola Exploration BV	Amsterdam (Netherlands)	Angola	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Angola Production BV	Amsterdam (Netherlands)	Angola	EUR	20,000	Eni International BV	100.00	100.00	F.C.

Eni Argentina Exploración y Explotación SA	Buenos Aires (Argentina)	Argentina	ARS	205,000,000	Eni International BV	95.00	100.00	F.C.
Eni Oil Holdings BV						5.00		

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Eni Arguni I Ltd	London (United Kingdom)	Indonesia	GBP	1	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni Australia BV	Amsterdam (Netherlands)	Australia	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Australia Ltd	London (United Kingdom)	Australia	GBP	20,000,000	Eni International BV	100.00	100.00	F.C.
Eni Bahrain BV	Amsterdam (Netherlands)	Bahrain	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni BB Petroleum Inc	Dover (USA)	USA	USD	1,000	Eni Petroleum Co Inc	100.00	100.00	F.C.
Eni BTC Ltd	London (United Kingdom)	United Kingdom	GBP	1	Eni International BV	100.00		Eq.
Eni Bukat Ltd	London (United Kingdom)	Indonesia	GBP	1	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni Canada Holding Ltd	Calgary (Canada)	Canada	USD	1,453,200,001	Eni International BV	100.00	100.00	F.C.
Eni CBM Ltd	London (United Kingdom)	Indonesia	USD	2,210,728	Eni Lasmo Plc	100.00		Eq.
Eni China BV	Amsterdam (Netherlands)	China	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Congo SA	Pointe - Noire (Republic of the Congo)	Republic of the Congo	USD	17,000,000	Eni E&P Holding BV	99.99	100.00	F.C.
					Eni Int. NA NV Sarl	(..)		
					Eni International BV	(..)		
Eni Côte d'Ivoire Ltd	London (United Kingdom)	Ivory Coast	GBP	1	Eni Lasmo Plc	100.00	100.00	F.C.
Eni Cyprus Ltd	Nicosia (Cyprus)	Cyprus	EUR	2,007	Eni International BV	100.00	100.00	F.C.
Eni Denmark BV	Amsterdam (Netherlands)	Greenland	EUR	20,000	Eni International BV	100.00		Eq.
Eni do Brasil Investimentos em Exploração e Produção de Petróleo Ltda	Rio de Janeiro (Brazil)	Brazil	BRL	1,593,415,000	Eni International BV	99.99		Eq.
					Eni Oil Holdings BV	(..)		
Eni East Ganai Ltd	London (United Kingdom)	Indonesia	GBP	1	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni East Sepinggan Ltd	London (United Kingdom)	Indonesia	GBP	1	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni Elgin/ Franklin Ltd	London (United Kingdom)	United Kingdom	GBP	100	Eni UK Ltd	100.00	100.00	F.C.
Eni Energy Russia BV	Amsterdam (Netherlands)	Netherlands	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Exploration & Production Holding BV	Amsterdam (Netherlands)	Netherlands	EUR	29,832,777.12	Eni International BV	100.00	100.00	F.C.
Eni Gabon SA	Libreville (Gabon)	Gabon	XAF	4,000,000,000	Eni International BV	100.00	100.00	F.C.
Eni Ganai Ltd	London (United Kingdom)	Indonesia	GBP	2	Eni Indonesia Ltd	100.00	100.00	F.C.

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Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Eni Gas & Power LNG Australia BV	Amsterdam (Netherlands)	Australia	EUR	1,013,439	Eni International BV	100.00	100.00	F.C.
Eni Ghana Exploration and Production Ltd	Accra (Ghana)	Ghana	GHS	21,412,500	Eni International BV	100.00		F.C.
Eni Hewett Ltd	Aberdeen (United Kingdom)	United Kingdom	GBP	3,036,000	Eni UK Ltd	100.00	100.00	F.C.
Eni Hydrocarbons Venezuela Ltd	London (United Kingdom)	Venezuela	GBP	8,050,500	Eni Lasmo Plc	100.00	100.00	F.C.
Eni India Ltd	London (United Kingdom)	India	GBP	44,000,000	Eni Lasmo Plc	100.00		Eq.
Eni Indonesia Ltd	London (United Kingdom)	Indonesia	GBP	100	Eni ULX Ltd	100.00	100.00	F.C.
Eni Indonesia Ots 1 Ltd	Grand Cayman (Cayman Islands)	Indonesia	USD	1.01	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni International NA NV Sarl	Luxembourg (Luxembourg)	United Kingdom	USD	25,000	Eni International BV	100.00	100.00	F.C.
Eni Investments Plc	London (United Kingdom)	United Kingdom	GBP	750,050,000	Eni SpA	99.99	100.00	F.C.
					Eni UK Ltd	(..)		
Eni Iran BV	Amsterdam (Netherlands)	Iran	EUR	20,000	Eni International BV	100.00		Eq.
Eni Iraq BV	Amsterdam (Netherlands)	Iraq	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Ireland BV	Amsterdam (Netherlands)	Ireland	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Isatay BV	Amsterdam (Netherlands)	Kazakhstan	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni JPDA 03-13 Ltd	London (United Kingdom)	Australia	GBP	250,000	Eni International BV	100.00	100.00	F.C.
Eni JPDA 06-105 Pty Ltd	Perth (Australia)	Australia	AUD	80,830,576	Eni International BV	100.00	100.00	F.C.
Eni JPDA 11-106 BV	Amsterdam (Netherlands)	Australia	EUR	50,000	Eni International BV	100.00	100.00	F.C.
Eni Kenya BV	Amsterdam (Netherlands)	Kenya	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Krueng Mane Ltd	London (United Kingdom)	Indonesia	GBP	2	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni Lasmo Plc	London (United Kingdom)	United Kingdom	GBP	337,638,724.25	Eni Investments Plc	99.99	100.00	F.C.
					Eni UK Ltd	(..)		
Eni Lebanon BV	Amsterdam (Netherlands)	Lebanon	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Liverpool Bay Operating Co Ltd	London (United Kingdom)	United Kingdom	GBP	1	Eni UK Ltd	100.00		Eq.
Eni LNS Ltd	London (United Kingdom)	United Kingdom	GBP	1	Eni UK Ltd	100.00	100.00	F.C.
Eni Marketing Inc	Dover (USA)	USA	USD	1,000	Eni Petroleum Co Inc	100.00	100.00	F.C.
Eni Maroc BV	Amsterdam (Netherlands)	Morocco	EUR	20,000	Eni International BV	100.00	100.00	F.C.

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Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Eni Mexico S. de RL de CV	Lomas De Chapultepec, Mexico City (México)	Mexico	MXN	3,000	Eni International BV	99.90	100.00	F.C.
					Eni Oil Holdings BV	0.10		
Eni Middle East Ltd	London (United Kingdom)	United Kingdom	GBP	1	Eni ULT Ltd	100.00	100.00	F.C.
Eni MOG Ltd (in liquidation)	London (United Kingdom)	United Kingdom	GBP	0	Eni Lasmo Plc	99.99	100.00	F.C.
					Eni LNS Ltd	(..)		
Eni Montenegro BV	Amsterdam (Netherlands)	Republic of Montenegro	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Mozambique Engineering Ltd	London (United Kingdom)	United Kingdom	GBP	1	Eni Lasmo Plc	100.00	100.00	F.C.
Eni Mozambique LNG Holding BV	Amsterdam (Netherlands)	Netherlands	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Muara Bakau BV	Amsterdam (Netherlands)	Indonesia	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Myanmar BV	Amsterdam (Netherlands)	Myanmar	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni North Africa BV	Amsterdam (Netherlands)	Libya	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni North Ganai Ltd	London (United Kingdom)	Indonesia	GBP	1	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni Oil & Gas Inc	Dover (USA)	USA	USD	100,800	Eni America Ltd	100.00	100.00	F.C.
Eni Oil Algeria Ltd	London (United Kingdom)	Algeria	GBP	1,000	Eni Lasmo Plc	100.00	100.00	F.C.
Eni Oil Holdings BV	Amsterdam (Netherlands)	Netherlands	EUR	450,000	Eni ULX Ltd	100.00	100.00	F.C.
Eni Oman BV	Amsterdam (Netherlands)	Oman	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Pakistan Ltd	London (United Kingdom)	Pakistan	GBP	90,087	Eni ULX Ltd	100.00	100.00	F.C.
Eni Pakistan (M) Ltd Sàrl	Luxembourg (Luxembourg)	Pakistan	USD	20,000	Eni Oil Holdings BV	100.00	100.00	F.C.
Eni Petroleum Co Inc	Dover (USA)	USA	USD	156,600,000	Eni SpA	63.86	100.00	F.C.
					Eni International BV	36.14		
Eni Petroleum US Llc	Dover (USA)	USA	USD	1,000	Eni BB Petroleum Inc	100.00	100.00	F.C.
Eni Portugal BV	Amsterdam (Netherlands)	Portugal	EUR	20,000	Eni International BV	100.00		Eq.
Eni RAK BV	Amsterdam (Netherlands)	United Arab Emirates	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Rapak Ltd	London (United Kingdom)	Indonesia	GBP	2	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni RD Congo SA	Kinshasa (Democratic Republic of the Congo)	Democratic Republic of the Congo	CDF	750,000,000	Eni International BV	99.99		Eq.
					Eni Oil Holdings BV	(..)		
Eni Rovuma Basin BV	Amsterdam (Netherlands)	Mozambique	EUR	20,000	Eni Mozambique LNG H. BV	100.00	100.00	F.C.
Eni Sharjah BV	Amsterdam (Netherlands)	United Arab Emirates	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni South Africa BV	Amsterdam (Netherlands)	Republic of South Africa	EUR	20,000	Eni International BV	100.00	100.00	F.C.

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Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Eni South China Sea Ltd Sàrl	Luxembourg (Luxembourg)	China	USD	20,000	Eni International BV	100.00		Eq.
Eni TNS Ltd	Aberdeen (United Kingdom)	United Kingdom	GBP	1,000	Eni UK Ltd	100.00	100.00	F.C.
Eni Tunisia BV	Amsterdam (Netherlands)	Tunisia	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Turkmenistan Ltd	Hamilton (Bermuda)	Turkmenistan	USD	20,000	Burren En.(Berm)Ltd	100.00	100.00	F.C.
Eni UHL Ltd	London (United Kingdom)	United Kingdom	GBP	1	Eni ULT Ltd	100.00	100.00	F.C.
Eni UK Holding Plc	London (United Kingdom)	United Kingdom	GBP	424,050,000	Eni Lasmo Plc	99.99	100.00	F.C.
					Eni UK Ltd	(..)		
Eni UK Ltd	London (United Kingdom)	United Kingdom	GBP	50,000,000	Eni International BV	100.00	100.00	F.C.
Eni UKCS Ltd	London (United Kingdom)	United Kingdom	GBP	100	Eni UK Ltd	100.00	100.00	F.C.
Eni Ukraine Holdings BV	Amsterdam (Netherlands)	Netherlands	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Ukraine Llc	Kiev (Ukraine)	Ukraine	UAH	90,765,492.19	Eni Ukraine Hold.BV	99.99		Eq.
					Eni International BV	0.01		
Eni Ukraine Shallow Waters BV	Amsterdam (Netherlands)	Ukraine	EUR	20,000	Eni Ukraine Hold.BV	100.00		Eq.
Eni ULT Ltd	London (United Kingdom)	United Kingdom	GBP	93,215,492.25	Eni Lasmo Plc	100.00	100.00	F.C.
Eni ULX Ltd	London (United Kingdom)	United Kingdom	GBP	200,010,000	Eni ULT Ltd	100.00	100.00	F.C.
Eni US Operating Co Inc	Dover (USA)	USA	USD	1,000	Eni Petroleum Co Inc	100.00	100.00	F.C.
Eni USA Gas Marketing Llc	Dover (USA)	USA	USD	10,000	Eni Marketing Inc	100.00	100.00	F.C.
Eni USA Inc	Dover (USA)	USA	USD	1,000	Eni Oil & Gas Inc	100.00	100.00	F.C.
Eni Venezuela BV	Amsterdam (Netherlands)	Venezuela	EUR	20,000	Eni Venezuela E&P Holding	100.00	100.00	F.C.
Eni Venezuela E&P Holding SA	Bruxelles (Belgium)	Belgium	USD	254,443,200	Eni International BV	99.99	100.00	F.C.
					Eni Oil Holdings BV	(..)		
Eni Ventures Plc (in liquidation)	London (United Kingdom)	United Kingdom	GBP	0	Eni International BV	99.99		Co.
					Eni Oil Holdings BV	(..)		
Eni Vietnam BV	Amsterdam (Netherlands)	Vietnam	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni West Ganai Ltd	London (United Kingdom)	Indonesia	GBP	1	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni West Timor Ltd	London (United Kingdom)	Indonesia	GBP	1	Eni Indonesia Ltd	100.00	100.00	F.C.

Eni Yemen Ltd	London (United Kingdom)	United Kingdom	GBP	1,000	Burren Energy Plc	100.00	Eq.	
Eurl Eni Algérie	Algiers (Algeria)	Algeria	DZD	1,000,000	Eni Algeria Ltd Sarl	100.00	Eq.	
(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value								
Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
First Calgary Petroleum LP	Wilmington (USA)	Algeria	USD	1	Eni Canada Hold. Ltd FCP Partner Co ULC	99.99 0.01	100.00	F.C.
First Calgary Petroleum Partner Co ULC	Calgary (Canada)	Canada	CAD	10	Eni Canada Hold. Ltd	100.00	100.00	F.C.
Ieoc Exploration BV	Amsterdam (Netherlands)	Egypt	EUR	20,000	Eni International BV	100.00		Eq.
Ieoc Production BV	Amsterdam (Netherlands)	Egypt	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Lasmo Sanga Sanga Ltd	Hamilton (Bermuda)	Indonesia	USD	12,000	Eni Lasmo Plc	100.00	100.00	F.C.
Mizamtec Operating Company S. de RL de CV	Mexico City (Mexico)	Mexico	MXN	3,000	Eni US Op. Co Inc	99.90	100.00	F.C.
					Eni Petroleum Co Inc	0.10		
Liverpool Bay Ltd	London (United Kingdom)	United Kingdom	USD	1	Eni ULX Ltd	100.00		Eq.
Nigerian Agip CPFA Ltd	Lagos (Nigeria)	Nigeria	NGN	1,262,500	NAOC Ltd Agip	98.02		Co.
					En Nat Res.Ltd	0.99		
					Nigerian Agip E. Ltd	0.99		
Nigerian Agip Exploration Ltd	Abuja (Nigeria)	Nigeria	NGN	5,000,000	Eni International BV	99.99	100.00	F.C.
					Eni Oil Holdings BV	0.01		
Nigerian Agip Oil Co Ltd	Abuja (Nigeria)	Nigeria	NGN	1,800,000	Eni International BV	99.89	100.00	F.C.
					Eni Oil Holdings BV	0.11		
OOO ‘Eni Energhia’	Moscow (Russia)	Russia	RUB	2,000,000	Eni Energy Russia BV	99.90	100.00	F.C.
					Eni Oil Holdings BV	0.10		
Zetah Congo Ltd	Nassau (Bahamas)	Republic of the Congo	USD	300	Eni Congo SA Burren	66.67		Co.
					En.Congo Ltd	33.33		
Zetah Kouilou Ltd	Nassau (Bahamas)	Republic of the Congo	USD	2,000	Eni Congo SA	54.50		Co.
					Burren En.Congo Ltd	37.00		
					Third parties	8.50		

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

Global Gas & LNG Portfolio

In Italy	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Eni Gas Transport Services Srl	San Donato Milanese (MI)	Italy	EUR	120,000	Eni SpA	100.00		Co.
Eni Global Energy Markets SpA (former Eni Energy Activities Srl)	Rome	Italy	EUR	1,050,000	Eni SpA	100.00	100.00	F.C.
Eni Trading & Shipping SpA	Rome	Italy	EUR	60,036,650	Eni SpA	100.00	100.00	F.C.
LNG Shipping SpA	San Donato Milanese (MI)	Italy	EUR	240,900,000	Eni SpA	100.00	100.00	F.C.
Trans Tunisian Pipeline Co SpA	San Donato Milanese (MI)	Tunisia	EUR	1,098,000	Eni SpA	100.00	100.00	F.C.
Outside Italy								
Eni G&P Trading BV	Amsterdam (Netherlands)	Turkey	EUR	70,000	Eni International BV	100.00	100.00	F.C.
Eni Gas Liqrefaction BV	Amsterdam (Netherlands)	Netherlands	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Société de Service du Gazoduc Transtunisien SA - Sergaz SA	Tunisi (Tunisia)	Tunisia	TND	99,000	Eni International BV	66.67	66.67	F.C.
					Third parties	33.33		
Société pour la Construction du Gazoduc Transtunisien SA - Scogat SA	Tunisi (Tunisia)	Tunisia	TND	200,000	Eni International BV	99.85	100.00	F.C.
					Eni SpA	0.05		
					LNG Shipping SpA	0.05		
					Trans Tunis.P.Co SpA	0.05		

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

Refining & Marketing and Chemical

Refining & Marketing

In Italy	Country		Currency	Share	% Ownership	% Equity ratio	Consolidation or valuation method(*)
	Registered office	of operation					
Company name				Capital	Shareholders		
Ecofuel SpA	San Donato Milanese (MI)	Italy	EUR	52,000,000	Eni SpA	100.00	F.C.
Eni4Cities SpA	San Donato Milanese (MI)	Italy	EUR	50,000	Ecofuel SpA	100.00	Eq.
Eni Fuel SpA	Rome	Italy	EUR	58,944,310	Eni SpA	100.00	F.C.
Eni Trade & Biofuels SpA (former Eni Energia Srl)	Rome	Italy	EUR	3,050,000	Eni SpA	100.00	F.C.
Petroven Srl	Genova	Italy	EUR	918,520	Ecofuel SpA	100.00	F.C.
Raffineria di Gela SpA	Gela (CL)	Italy	EUR	15,000,000	Eni SpA	100.00	F.C.
SeaPad SpA	Genova	Italy	EUR	12,400,000	Ecofuel SpA	80.00	Eq.
					Third parties	20.00	
Servizi Fondo Bombole Metano SpA	Rome	Italy	EUR	13,580,000.20	Eni SpA	100.00	Co.

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

Outside Italy							
Eni Abu Dhabi Refining & Trading BV	Amsterdam (Netherlands)	Netherlands	EUR	20,000	Eni International BV	100.00	F.C.
Eni Abu Dhabi Refining & Trading Services BV	Amsterdam (Netherlands)	Netherlands	EUR	20,000	Eni Abu Dhabi R&T BV	100.00	Eq.
Eni Austria GmbH	Wien (Austria)	Austria	EUR	78,500,000	Eni International BV	75.00	F.C.
					Eni Deutsch.GmbH	25.00	
Eni Benelux BV	Rotterdam (Netherlands)	Netherlands	EUR	1,934,040	Eni International BV	100.00	F.C.
Eni Deutschland GmbH	Munich (Germany)	Germany	EUR	90,000,000	Eni International BV	89.00	F.C.
					Eni Oil Holdings BV	11.00	
Eni Ecuador SA	Quito (Ecuador)	Ecuador	USD	103,142.08	Eni International BV	99.93	F.C.
					Esain SA	0.07	
Eni France Sàrl	Lyon (France)	France	EUR	56,800,000	Eni International BV	100.00	F.C.
Eni Iberia SLU	Alcobendas (Spain)	Spain	EUR	17,299,100	Eni International BV	100.00	F.C.
Eni Lubricants Trading (Shanghai) Co Ltd	Shanghai (China)	China	EUR	5,000,000	Eni International BV	100.00	F.C.
Eni Marketing Austria GmbH	Wien (Austria)	Austria	EUR	19,621,665.23	Eni Mineralöhl.GmbH	99.99	F.C.
					Eni International BV	(..)	
Eni Mineralölhandel GmbH	Wien (Austria)	Austria	EUR	34,156,232.06	Eni Austria GmbH	100.00	F.C.
Eni Schmiertechnik GmbH	Wurzburg (Germany)	Germany	EUR	2,000,000	Eni Deutsch.GmbH	100.00	F.C.
Eni Suisse SA	Lausanne (Switzerland)	Switzerland	CHF	102,500,000	Eni International BV	100.00	F.C.
Eni Trading & Shipping Inc	Dover (USA)	USA	USD	36,000,000	ETS SpA	100.00	F.C.
Eni Transporte y Suministro México, S. de RL de CV	Mexico City (Mexico)	Mexico	MXN	3,000	Eni International BV	99.90	Eq.
					Eni Oil Holdings BV	0.10	
Eni USA R&M Co Inc	Wilmington (USA)	USA	USD	11,000,000	Eni International BV	100.00	Eq.
Esacontrol SA	Quito (Ecuador)	Ecuador	USD	60,000	Eni Ecuador SA	87.00	Eq.
					Third parties	13.00	
Esain SA	Quito (Ecuador)	Ecuador	USD	30,000	Eni Ecuador SA	99.99	F.C.
					Tecnoesa SA	(..)	
Oléoduc du Rhône SA	Valais (Switzerland)	Switzerland	CHF	7,000,000	Eni International BV	100.00	Eq.
OOO “Eni-Nefto”	Moscow (Russia)	Russia	RUB	1,010,000	Eni International BV	99.01	Eq.
					Eni Oil Holdings BV	0.99	
Tecnoesa SA	Quito (Ecuador)	Ecuador	USD	36,000	Eni Ecuador SA	99.99	Eq.
					Esain SA	(..)	

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

Chemical

In Italy	Country		Currency	Share	% Ownership	% Equity ratio	Consolidation or valuation method(*)
	Registered office	of operation					
Company name				Capital	Shareholders		
Versalis SpA	San Donato Milanese (MI)	Italy	EUR	1,364,790,000	Eni SpA	100.00	F.C.
Outside Italy							
Dunastyr Polisztirolgyártó Zártkörűen Működő Részvénytársaság	Budapest (Hungary)	Hungary	HUF	4,332,947,072	Versalis SpA	96.34	F.C.
					Versalis Deutsc.GmbH	1.83	
					Versalis Int.SA	1.83	
Versalis Americas Inc	Dover (USA)	USA	USD	100,000	Versalis International SA	100.00	F.C.

Versalis Congo Sarlu	Pointe-Noire (Republic of the Congo)	Republic of the Congo	XAF	1,000,000	Versalis International SA	100.00	100.00	F.C.
Versalis Deutschland GmbH	Eschborn (Germany)	Germany	EUR	100,000	Versalis SpA	100.00	100.00	F.C.
Versalis France SAS	Mardyck (France)	France	EUR	126,115,582.90	Versalis SpA	100.00	100.00	F.C.
Versalis International SA	Bruxelles (Belgium)	Belgium	EUR	15,449,173.88	Versalis SpA	59.00	100.00	F.C.
					Versalis Deutsc.GmbH	23.71		
					Dunastyr Zrt	14.43		
					Versalis France	2.86		
Versalis Kimya Ticaret Limited Sirketi	Istanbul (Turkey)	Turkey	TRY	20,000	Versalis Int. SA	100.00	100.00	F.C.
Versalis México S. de R.L. de CV	Mexico City (Mexico)	Mexico	MXN	1,000	Versalis Intern. SA	99.00	100.00	F.C.
					Versalis SpA	1.00		
Versalis Pacific (India) Private Ltd	Mumbai (India)	India	INR	238,700	Versalis Sing. P. Ltd	99.99		Eq.
					Third parties	(.)		
Versalis Pacific Trading (Shanghai) Co Ltd	Shanghai (China)	China	CNY	1,000,000	Versalis SpA	100.00	100.00	F.C.
Versalis Singapore Pte Ltd	Singapore (Singapore)	Singapore	SGD	80,000	Versalis SpA	100.00	100.00	F.C.
Versalis UK Ltd	London (United Kingdom)	United Kingdom	GBP	4,004,042	Versalis SpA	100.00	100.00	F.C.
Versalis Zeal Ltd	Tokoradi (Ghana)	Ghana	GHS	5,650,000	Versalis Intern. SA	80.00	80.00	F.C.
					Third parties	20.00		

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

Eni gas e luce, Power & Renewables

Eni gas e luce

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valutation method ^(*)
In Italy								
Eni gas e luce SpA	San Donato Milanese (MI)	Italy	EUR	750,000,000	Eni SpA	100.00	100.00	F.C.
Evolvere Smart Srl	Milan	Italy	EUR	100,000	Evolvere Venture SpA	100.00	70.52	F.C.
Evolvere SpA Società Benefit	Milan	Italy	EUR	1,130,000	Eni gas e luce SpA	70.52	70.52	F.C.
					Third parties	29.48		
Evolvere Venture SpA	Milan	Italy	EUR	50,000	Evolvere SpA Soc. Ben.	100.00	70.52	F.C.
SEA SpA	L'Aquila	Italy	EUR	100,000	Eni gas e luce SpA	60.00	60.00	F.C.
					Third parties	40.00		
Outside Italy								
Adriaplin Podjetje za distribucijo zemeljskega plina doo Ljubljana	Ljubljana (Slovenia)	Slovenia	EUR	12,956,935	Eni gas e luce SpA	51.00	51.00	F.C.
					Third parties	49.00		
Eni Gas & Power France SA	Levallois Perret (France)	France	EUR	29,937,600	Eni gas e luce SpA	99.87	99.87	F.C.
					Third parties	0.13		
Gas Supply Company Thessaloniki - Thessalia SA	Thessaloniki (Greece)	Greece	EUR	13,761,788	Eni gas e luce SpA	100.00	100.00	F.C.

Power

In Italy								
EniPower Mantova SpA	San Donato Milanese (MI)	Italy	EUR	144,000,000	EniPower SpA		86.50	86.50 F.C.
					Third parties		13.50	
EniPower SpA	San Donato Milanese (MI)	Italy	EUR	944,947,849	Eni SpA		100.00	100.00 F.C.

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

Renewables

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valutation method ^(*)
In Italy								
CGDB Enrico Srl	San Donato Milanese (MI)	Italy	EUR	10,000	Eni New Energy SpA	100.00	100.00	F.C.
CGDB Laerte Srl	San Donato Milanese (MI)	Italy	EUR	10,000	Eni New Energy SpA	100.00	100.00	F.C.
Eni New Energy SpA	San Donato Milanese (MI)	Italy	EUR	9,296,000	Eni SpA	100.00	100.00	F.C.

Anic Partecipazioni SpA (in liquidation)	Gela (CL)	Italy	EUR	23,519,847.16	Eni Rewind SpA	99.97		Eq.
					Third parties	0.03		
Eni Rewind SpA	San Donato Milanese (MI)	Italy	EUR	355,145,040.30	Eni SpA	99.99	100.00	F.C.
					Third parties	(..)		
Industria Siciliana Acido Fosforico - ISAF - SpA (in liquidation)	Gela (CL)	Italy	EUR	1,300,000	Eni Rewind SpA	52.00		Eq.
					Third parties	48.00		
Ing. Luigi Conti Vecchi SpA	Assemini (CA)	Italy	EUR	5,518,620.64	Eni Rewind SpA	100.00	100.00	F.C.
Outside Italy								
Eni Rewind International BV	Amsterdam (Netherlands)	Netherlands	EUR	20,000	Eni International BV		100.00	Eq.
Oleodotto del Reno SA	Coira (Switzerland)	Switzerland	CHF	1,550,000	Eni Rewind SpA		100.00	Eq.

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Joint arrangements and associates

Exploration & Production

In Italy	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Company name								
Mozambique Rovuma Venture SpA (†)	San Donato Milanese (MI)	Mozambique	EUR	20,000,000	Eni SpA	35.71	35.71	J.O.
					Third parties	64.29		
Outside Italy								
Agiba Petroleum Co (†)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV		50.00	Co.
					Third parties		50.00	
Angola LNG Ltd	Hamilton (Bermuda)	Angola	USD	9,952,000,000	Eni Angola Prod.BV		13.60	Eq.
					Third parties		86.40	
Ashrafi Island Petroleum Co	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV		25.00	Co.
					Third parties		75.00	
Barentsmorneftegaz SärI(†)	Luxembourg (Luxembourg)	Russia	USD	20,000	Eni Energy Russia BV		33.33	Eq.
					Third parties		66.67	
Cabo Delgado Gas Development Limitada(†)	Maputo (Mozambique)	Mozambique	MZN	2,500,000	Eni Mozam.LNG H. BV		50.00	Co.
					Third parties		50.00	
Cardón IV SA(†)	Caracas (Venezuela)	Venezuela	VES	172.1	Eni Venezuela BV		50.00	Eq.
					Third parties		50.00	
Compañía Agua Plana SA	Caracas (Venezuela)	Venezuela	VES	0.001	Eni Venezuela BV		26.00	Co.
					Third parties		74.00	
Coral FLNG SA	Maputo (Mozambique)	Mozambique	MZN	100,000,000	Eni Mozam.LNG H. BV		25.00	Eq.
					Third parties		75.00	
Coral South FLNG DMCC	Dubai (United Arab Emirates)	United Arab Emirates	AED	500,000	Eni Mozam.LNG H. BV		25.00	Eq.
					Third parties		75.00	
East Delta Gas Co (in liquidation)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV		37.50	Co.
					Third parties		62.50	
East Kanayis Petroleum Co(†)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV		50.00	Co.
					Third parties		50.00	
East Obaiyed Petroleum Co(†)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc SpA		50.00	Co.
					Third parties		50.00	
El Tensah Petroleum Co	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV		25.00	Co.
					Third parties		75.00	
El-Fayrouz Petroleum Co(†) (in liquidation)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Exploration BV		50.00	
					Third parties		50.00	
Fedynskmorneftegaz SärI(†)	Luxembourg (Luxembourg)	Russia	USD	20,000	Eni Energy Russia BV		33.33	Eq.
					Third parties		66.67	
Isatay Operating Company Llp(†)	Nur-Sultan (Kazakhstan)	Kazakhstan	KZT	400,000	Eni Isatay BV		50.00	Co.
					Third parties		50.00	
Karachaganak Petroleum Operating BV	Amsterdam (Netherlands)	Kazakhstan	EUR	20,000	Agip Karachag.BV		29.25	Co.

					Third parties	70.75	
Karachaganak Project Development Ltd (KPD) (in liquidation)	Reading, Berkshire (United Kingdom)	United Kingdom	GBP	100	Agip Karachag.BV	38.00	Co.
					Third parties	62.00	
Khaleej Petroleum Co Wll	Safat (Kuwait)	Kuwait	KWD	250,000	Eni Middle E. Ltd	49.00	Eq.
					Third parties	51.00	
Liberty National Development Co Llc	Wilmington (USA)	USA	USD	0 ^(a)	Eni Oil & Gas Inc	32.50	Eq.
					Third parties	67.50	
Mediterranean Gas Co	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	25.00	Co.
					Third parties	75.00	
Meleiha Petroleum Company(†)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	50.00	Co.
					Third parties	50.00	

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(†) Jointly controlled entity.
(a) Shares without nominal value.

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Mellitah Oil & Gas BV(†)	Amsterdam (Netherlands)	Libya	EUR	20,000	Eni North Africa BV	50.00		Co.
					Third parties	50.00		
Nile Delta Oil Co Nidoco	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	37.50		Co.
					Third parties	62.50		
Norpipe Terminal Holdec Ltd	London (United Kingdom)	Norway	GBP	55.69	Eni SpA	14.20		Eq.
					Third parties	85.80		
North Bardawil Petroleum Co	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Exploration BV	30.00		
					Third parties	70.00		
North El Burg Petroleum Co	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc SpA	25.00		Co.
					Third parties	75.00		
Petrobel Belayim Petroleum Co(†)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	50.00		Co.
					Third parties	50.00		
PetroBicentenario SA(†)	Caracas (Venezuela)	Venezuela	VES	3,790	Eni Lasmo Plc	40.00		Eq.
					Third parties	60.00		
PetroJunín SA(†)	Caracas (Venezuela)	Venezuela	VES	24,021	Eni Lasmo Plc	40.00		Eq.
					Third parties	60.00		
PetroSucre SA	Caracas (Venezuela)	Venezuela	VES	2,203	Eni Venezuela BV	26.00		Eq.
					Third parties	74.00		
Pharaonic Petroleum Co	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	25.00		Co.
					Third parties	75.00		
Point Resources FPSO AS	Sandnes (Norway)	Norway	NOK	150,100,000	PR FPSO Holding AS	100.00		
Point Resources FPSO Holding AS	Sandnes (Norway)	Norway	NOK	60,000	Vår Energi AS	100.00		
Port Said Petroleum Co (†)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	50.00		Co.
					Third parties	50.00		
PR Jotun DA	Sandnes (Norway)	Norway	NOK	0 ^(a)	PR FPSO AS	95.00		
					PR FPSO Holding AS	5.00		
Raml Petroleum Co	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	22.50		Co.
					Third parties	77.50		
Ras Qattara Petroleum Co	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	37.50		Co.
					Third parties	62.50		
Rovuma Basin LNG Land Limitada(†)	Maputo (Mozambique)	Mozambique	MZN	140,000	Mozamb. Rov. V. SpA	33.33		Co.
					Third parties	66.67		
Rovuma LNG Investments (DIFC) Ltd	Dubai (United Arab Emirates)	Mozambique	USD	50,000	Eni Moz. LNG H. BV	25.00		Eq.
					Third parties	75.00		
Rovuma LNG SA	Maputo (Mozambique)	Mozambique	MZN	100,000,000	Eni Moz. LNG H. BV	25.00		Eq.
					Third parties	75.00		
Shorouk Petroleum Company	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	25.00		Co.

					Third parties	75.00	
Société Centrale Electrique du Congo SA	Pointe-Noire (Republic of the Congo)	Republic of the Congo	XAF	44,732,000,000	Eni Congo SA	20.00	Eq.
					Third parties	80.00	
Société Italo Tunisienne d'Exploitation Pétrolière SA(†)	Tunisi (Tunisia)	Tunisia	TND	5,000,000	Eni Tunisia BV	50.00	Eq.
					Third parties	50.00	
Sodeps - Société de Développement et d'Exploitation du Permis du Sud SA(†)	Tunisi (Tunisia)	Tunisia	TND	100,000	Eni Tunisia BV	50.00	Co.
					Third parties	50.00	
Thekah Petroleum Co (in liquidation)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Exploration BV	25.00	
					Third parties	75.00	
United Gas Derivatives Co	New Cairo (Egypt)	Egypt	USD	153,000,000	Eni International BV	33.33	Eq.
					Third parties	66.67	
Vår Energi AS(†)	Forus (Norway)	Norway	NOK	399,425,000	Eni International BV	69.85	Eq.
					Third parties	30.15	
Vår Energi Marine AS	Sandnes (Norway)	Norway	NOK	61,000,000	Vår Energi AS	100.00	
VIC CBM Ltd(†)	London (United Kingdom)	Indonesia	USD	52,315,912	Eni Lasmo Plc	50.00	Eq.
					Third parties	50.00	
Virginia Indonesia Co CBM Ltd(†)	London (United Kingdom)	Indonesia	USD	25,631,640	Eni Lasmo Plc	50.00	Eq.
					Third parties	50.00	
West Ashrafi Petroleum Co(†) (in liquidation)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Exploration BV	50.00	
					Third parties	50.00	

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(†) Jointly controlled entity.

(a) Shares without nominal value.

Global Gas & LNG Portfolio

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
<i>In Italy</i>								
Mariconsult SpA(†)	Milan	Italy	EUR	120,000	Eni SpA	50.00		Eq.
					Third parties	50.00		
Transmed SpA(†)	Milan	Italy	EUR	240,000	Eni SpA	50.00		Eq.
					Third parties	50.00		
<i>Outside Italy</i>								
Angola LNG Supply Services Llc	Wilmington (USA)	USA	USD	19,278,782	Eni USA Gas M. Llc	13.60		Eq.
					Third parties	86.40		
Blue Stream Pipeline Co BV(†)	Amsterdam (Netherlands)	Russia	USD	22,000	Eni International BV	50.00	74.62	J.O.
					Third parties	50.00		
GreenStream BV(†)	Amsterdam (Netherlands)	Libya	EUR	200,000,000	Eni North Africa BV	50.00	50.00	J.O.
					Third parties	50.00		
Premium Multiservices SA	Tunisi (Tunisia)	Tunisia	TND	200,000	Sergaz SA	49.99		Eq.
					Third parties	50.01		
SAMCO Sagl	Lugano (Switzerland)	Switzerland	CHF	20,000	Transmed.Pip.Co Ltd	90.00		Eq.
					Eni International BV	5.00		
					Third parties	5.00		
Transmediterranean Pipeline Co Ltd(†)	St. Helier (Jersey)	Jersey	USD	10,310,000	Eni SpA	50.00	50.00	J.O.
					Third parties	50.00		
Unión Fenosa Gas SA(†)	Madrid (Spain)	Spain	EUR	32,772,000	Eni SpA	50.00		Eq.
					Third parties	50.00		

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

(†) Jointly controlled entity.

(a) Equity ratio equal to the Eni's working interest.

Refining & Marketing and Chemical

Refining & Marketing

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
In Italy								
Arezzo Gas SpA (†)	Arezzo	Italy	EUR	394,000	Eni Fuel SpA Third parties	50.00 50.00		Eq.
CePIM Centro Padano Interscambio Merci SpA	Fontevivo (PR)	Italy	EUR	6,642,928.32	Ecofuel SpA Third parties	44.78 55.22		Eq.
Consorzio Operatori GPL di Napoli	Napoli	Italy	EUR	102,000	Eni Fuel SpA Third parties	25.00 75.00		Co.
Costiero Gas Livorno SpA(†)	Livorno	Italy	EUR	26,000,000	Eni Fuel SpA Third parties	65.00 35.00	65.00	J.O.
Disma SpA	Segrate (MI)	Italy	EUR	2,600,000	Eni Fuel SpA Third parties	25.00 75.00		Eq.
Livorno LNG Terminal SpA	Livorno	Italy	EUR	200,000	Costiero Gas Liv. SpA Third parties	50.00 50.00		Eq.
Porto Petroli di Genova SpA	Genova	Italy	EUR	2,068,000	Ecofuel SpA Third parties	40.50 59.50		Eq.
Raffineria di Milazzo ScpA(†)	Milazzo (ME)	Italy	EUR	171,143,000	Eni SpA Third parties	50.00 50.00	50.00	J.O.
Seram SpA	Fiumicino (RM)	Italy	EUR	852,000	Eni SpA Third parties	25.00 75.00		Eq.
Sigea Sistema Integrato Genova Arquata SpA	Genova	Italy	EUR	3,326,900	Ecofuel SpA Third parties	35.00 65.00		Eq.
Società Oleodotti Meridionali - SOM SpA(†)	San Donato Milanese (MI)	Italy	EUR	3,085,000	Eni SpA Third parties	70.00 30.00		Eq.

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(†) Jointly controlled entity.

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Outside Italy								
Abu Dhabi Oil Refining Company (TAKREEK)	Abu Dhabi (United Arab Emirates)	United Arab Emirates	AED	500,000,000	Eni Abu Dhabi R&T BV Third parties	20.00 80.00		Eq.
ADNOC Global Trading Ltd	Abu Dhabi (United Arab Emirates)	United Arab Emirates	USD	1,000	Eni Abu Dhabi R&T BV Third parties	20.00 80.00		Eq.
AET - Raffineriebeteiligungs gesellschaft mbH(†)	Schwedt (Germany)	Germany	EUR	27,000	Eni Deutsch GmbH Third parties	33.33 66.67		Eq.
Bayernoil Raffineriegesellschaft mbH(†)	Vohburg (Germany)	Germany	EUR	10,226,000	Eni Deutsch GmbH Third parties	20.00 80.00	20.00	J.O.
City Carbuoil SA(†)	Rivera (Switzerland)	Switzerland	CHF	6,000,000	Eni Suisse SA Third parties	49.91 50.09		Eq.
Egyptian International Gas Technology Co	Cairo (Egypt)	Egypt	EGP	100,000,000	Eni International BV Third parties	40.00 60.00		Co.
ENEOS Italsing Pte Ltd	Singapore (Singapore)	Singapore	SGD	12,000,000	Eni International BV Third parties	22.50 77.50		Eq.
Fuelling Aviation Services GIE	Tremblay en France (France)	France	EUR	1	Eni France Sarl Third parties	25.00 75.00		Co.
Mediterranéé Bitumes SA	Tunisi (Tunisia)	Tunisia	TND	1,000,000	Eni International BV Third parties	34.00 66.00		Eq.
Routex BV	Amsterdam (Netherlands)	Netherlands	EUR	67,500	Eni International BV Third parties	20.00 80.00		Eq.
Saraco SA	Meyrin (Switzerland)	Switzerland	CHF	420,000	Eni Suisse SA	20.00		Co.

					Third parties	80.00	
Supermetanol CA(†)	Jose Puerto La Cruz (Venezuela)	Venezuela	VES	120,867	Ecofuel SpA Supermetanol CA	34.51 30.07	50.00 J.O.
					Third parties	35.42	
TBG Tanklager Betriebsgesellschaft GmbH(†)	Salzburg (Austria)	Austria	EUR	43,603,70	Eni Market.A.GmbH	50.00	Eq.
					Third parties	50.00	
Weat Electronic Datenservice GmbH	Düsseldorf (Germany)	Germany	EUR	409,034	Eni Deutsch.GmbH	20.00	Eq.
					Third parties	80.00	

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(†) Jointly controlled entity.

(a) Controlling interest:	Ecofuel SpA	50.00
	Third parties	50.00

Chemical

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
<i>In Italy</i>								
Brindisi Servizi Generali Scarl	Brindisi	Italy	EUR	1,549,060	Versalis SpA	49.00		Eq.
					Eni Rewind SpA	20.20		
					EniPower SpA	8.90		
					Third parties	21.90		
Finproject SpA	Morrovalle (MC)	Italy	EUR	18,500,000	Versalis SpA	40.00		Eq.
					Third parties	60.00		
IFM Ferrara SepA	Ferrara	Italy	EUR	5,270,466	Versalis SpA	19.74		Eq.
					Eni Rewind SpA	11.58		
					S.E.F. Srl	10.70		
					Third parties	57.98		
Matrica SpA(†)	Porto Torres (SS)	Italy	EUR	37,500,000	Versalis SpA	50.00		Eq.
					Third parties	50.00		
Priolo Servizi SepA	Melilli (SR)	Italy	EUR	28,100,000	Versalis SpA	35.15		Eq.
					Eni Rewind SpA	5.04		
					Third parties	59.81		
Ravenna Servizi Industriali SepA	Ravenna	Italy	EUR	5,597,400	Versalis SpA	42.13		Eq.
					EniPower SpA	30.37		
					Ecofuel SpA	1.85		
					Third parties	25.65		
Servizi Porto Marghera Scarl	Venezia Marghera (VE)	Italy	EUR	8,695,718	Versalis SpA	48.44		Eq.
					Eni Rewind SpA	38.39		
					Third parties	13.17		
<i>Outside Italy</i>								
Lotte Versalis Elastomers Co Ltd(†)	Yeosu (South Korea)	South Korea	KRW	501,800,000,000	Versalis SpA	50.00		Eq.
					Third parties	50.00		
VPM Oilfield Specialty Chemicals Llc (†)	Abu Dhabi (United Arab Emirates)	United Arab Emirates	AED	1,000,000	Versalis SpA	49.00		Eq.
					Third parties	51.00		

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value
(†) Jointly controlled entity.

Eni gas e luce, Power & Renewables

Eni gas e luce

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method ^(*)
<i>In Italy</i>								
E-Prosume Srl ^(*)	Milan	Italy	EUR	100,000	Evolvere Venture SpA	50.00		Eq.
					Third parties	50.00		
Evogy Srl	Seriate (BG)	Italy	EUR	10,000	Evolvere Venture SpA	40.00		Eq.
					Third parties	60.00		
PV Family Srl	Cagliari	Italy	EUR	131,200	Evolvere SpA Soc. Ben.	23.78		Eq.
					Third parties	76.22		
Renewable Dispatching Srl	Milan	Italy	EUR	49,000	Evolvere Venture SpA	40.00		Eq.
					Third parties	60.00		
Tate Srl	Bologna	Italy	EUR	408,509.29	Evolvere Venture SpA	20.00		Eq.
					Third parties	80.00		
<i>Outside Italy</i>								
Gas Distribution Company of Thessaloniki - Thessaly SA ^(*)	Ampelokipi-Menemeni (Greece)	Greece	EUR	247,127,605	Eni gas e luce SpA	49.00		Eq.
					Third parties	51.00		
OVO Energy (France) SAS	Paris (France)	France	EUR	66,666.66	Eni gas e luce SpA	25.00		Eq.
					Third parties	75.00		

Power

<i>In Italy</i>								
Società EniPower Ferrara Srl ^(*)			San Donato Milanese (MI)	Italy	EUR	140,000,000	EniPower SpA	51.00 Eq.
							Third parties	49.00

Renewables

<i>Outside Italy</i>								
Ayla Energy Ltd ^(*)			London (United Kingdom)	United Kingdom	USD	1,000	Eni En. Solutions BV	50.00 Eq.
							Third parties	50.00
Novis Renewables Holdings Llc			Wilmington (USA)	USA	USD	100	Eni New Energy US	49.00 Eq.
							Third parties	51.00
Novis Renewables Llc ^(*)			Wilmington (USA)	USA	USD	100	Eni New Energy US	50.00 Eq.
							Third parties	50.00
Société Energies Renouvelables Eni-ETAP SA ^(*)			Tunisi (Tunisia)	Tunisia	TND	1,000,000	Eni International BV	50.00 Eq.
							Third parties	50.00
Solenova Ltd ^(*)			London (United Kingdom)	United Kingdom	USD	1,580,000	Eni En. Solutions BV	50.00 Eq.
							Third parties	50.00

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value
(†) Jointly controlled entity.

Corporate and Other activities

Corporate and financial companies

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
<i>In Italy</i>								
Consorzio per l'attuazione del Progetto Divertor Tokamak Test DTT Scari ^(*)	Frascati (RM)	Italy	EUR	1,000,000	Eni SpA	25.00		Co.
					Third parties	75.00		
Saipem SpA ^(*) (†)	San Donato Milanese (MI)	Italy	EUR	2,191,384,693	Eni SpA	30.54 ^(*)		Eq.

					Saipem SpA	1.73	
					Third parties	67.73	
<i>Outside Italy</i>							
Commonwealth Fusion Systems Llc	Wilmington (USA)	USA	USD	215,000,515	Eni Next Llc		Eq.
					Third parties		
CZero Inc	Wilmington (USA)	USA	USD	8,116,660.78	Eni Next Llc		Eq.
					Third parties		
Form Energy Inc	Somerville (USA)	USA	USD	124,001,561.31	Eni Next Llc		Eq.
					Third parties		
Tecnicno Engineering Contractors Llp ^(*)	Aksai (Kazakhstan)	Kazakhstan	KZT	29,478,455.00	Eni Next Llc	49.00	Eq.
					Third parties	51.00	

Other activities

In Italy								
Progetto Nuraghe Scarl	Porto Torres (SS)	Italy	EUR	10,000	Eni Rewind SpA	48.55	Eq.	
					Third parties	51.45		

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value
(#) Company with shares quoted in the regulated market of Italy or of other EU countries
(†) Jointly controlled entity.

(a) Controlling interest:	Eni SpA	31.08	
	Third parties	68.92	

Other significant investments

Exploration & Production

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	Consolidation or valuation method(*)
<i>In Italy</i>							
Consorzio Universitario in Ingegneria per la Qualità e l’Innovazione	Pisa	Italy	EUR	136,000	Eni SpA	20.00	F.V.
					Third parties	80.00	

Outside Italy

Administradora del Golfo de Paria Este SA	Caracas (Venezuela)	Venezuela	VES	0.001	Eni Venezuela BV	19.50	F.V.
					Third parties	80.50	
Brass LNG Ltd	Lagos (Nigeria)	Nigeria	USD	1,000,000	Eni Int. NA NV Sàrl	20.48	F.V.
					Third parties	79.52	
Darwin LNG Pty Ltd	West Perth (Australia)	Australia	AUD	187,569,921.42	Eni G&P LNG Aus. BV	10.99	F.V.
					Third parties	89.01	
New Liberty Residential Co Llc	West Trenton (USA)	USA	USD	0 ^(*)	Eni Oil & Gas Inc	17.50	F.V.
					Third parties	82.50	
Nigeria LNG Ltd	Port Harcourt (Nigeria)	Nigeria	USD	1,138,207,000	Eni Int. NA NV Sàrl	10.40	F.V.
					Third parties	89.60	
North Caspian Operating Company NV	The Hague (Netherlands)	Kazakhstan	EUR	128,520	Agip Caspian Sea BV	16.81	F.V.
					Third parties	83.19	
OPCO - Sociedade Operacional Angola LNG SA	Luanda (Angola)	Angola	AOA	7,400,000	Eni Angola Prod.BV	13.60	F.V.
					Third parties	86.40	
Petrolera Güiria SA	Caracas (Venezuela)	Venezuela	VES	10	Eni Venezuela BV	19.50	F.V.
					Third parties	80.50	
SOMG - Sociedade de Operações e Manutenção de Gasodutos SA	Luanda (Angola)	Angola	AOA	7,400,000	Eni Angola Prod.BV	10.57	F.V.
					Third parties	89.43	
Torsina Oil Co	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	12.50	F.V.

Third parties	87.50
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Global Gas & LNG Portfolio

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	Consolidation or valuation method(*)
Outside Italy							
Norsea Gas GmbH	Emden (Germany)	Germany	EUR	1,533,875.64	Eni International BV	13.04	F.V.
					Third parties	86.96	

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value
(a) Shares without nominal value.

Refining & Marketing and Chemical

Refining & Marketing

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	Consolidation or valuation method(*)
In Italy							
Società Italiana Oleodotti di Gaeta SpA ⁶	Rome	Italy	ITL	360,000,000	Eni SpA	72.48	F.V.
					Third parties	27.52	

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	Consolidation or valuation method(*)
Outside Italy							
BFS Berlin Fuelling Services GbR	Hamburg (Germany)	Germany	EUR	89,199	Eni Deutsch.GmbH	12.50	F.V.
					Third parties	87.50	
Compania de Economia Mixta 'Austrogas'	Cuenca (Ecuador)	Ecuador	USD	5,665,329	Eni Ecuador SA	13.38	F.V.
					Third parties	86.62	
Dépôt Pétrolier de Fos SA	Fos-Sur-Mer (France)	France	EUR	3,954,196.40	Eni France Sàrl	16.81	F.V.
					Third parties	83.19	
Dépôt Pétrolier de la Côte d'Azur SAS	Nanterre (France)	France	EUR	207,500	Eni France Sàrl	18.00	F.V.
					Third parties	82.00	
Joint Inspection Group Ltd	London (United Kingdom)	United Kingdom	GBP	0	Eni SpA	12.50	F.V.
					Third parties	87.50	
Saudi European Petrochemical Co "IBN ZAHHR"	Al Jubail (Saudi Arabia)	Saudi Arabia	SAR	1,200,000,000	Ecofuel SpA	10.00	F.V.
					Third parties	90.00	
S.I.P.G. Société Immobilière Pétrolière de Gestion Snc	Tremblay-En-France (France)	France	EUR	40,000	Eni France Sàrl	12.50	F.V.
					Third parties	87.50	
Sistema Integrado de Gestion de Aceites Usados	Madrid (Spain)	Spain	EUR	175,713	Eni Iberia SLU	15.44	F.V.
					Third parties	84.56	
Tanklager - Gesellschaft Tegel (TGT) GbR	Hamburg (Germany)	Germany	EUR	4,953	Eni Deutsch.GmbH	12.50	F.V.
					Third parties	87.50	
TAR - Tankanlage Ruemlang AG	Ruemlang (Switzerland)	Switzerland	CHF	3,259,500	Eni Suisse SA	16.27	F.V.
					Third parties	83.73	
Tema Lube Oil Co Ltd	Accra (Ghana)	Ghana	GHS	258,309	Eni International BV	12.00	F.V.
					Third parties	88.00	

Chemical

In Italy							
Novamont SpA	Novara	Italy	EUR	13,333,500	Versalis SpA	25.00	F.V.
					Third parties	75.00	

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value
(a) Shares without nominal value.

Corporate e Altre attività

Other activities

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method ^(*)
<i>In Italy</i>								
Ottana Sviluppo SepA (in bankruptcy)	Nuoro	Italy	EUR	516,000	Eni Rewind SpA	30.00	F.V.	
					Third parties	70.00		

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

Information on Eni’s consolidated subsidiaries with significant non-controlling interest

In 2020 and 2019, Eni did not own any consolidated subsidiaries with a significant non-controlling interest.

Equity pertaining to minority interests as of December 31, 2020, amounted to €78 million (€61 million December 31, 2019).

Changes in the ownership interest without loss of control

In 2020, Eni did not report any changes in ownership interest without loss or acquisition of control.

In 2019, Eni acquired a 10% stake of Windirect BV.

Principal joint ventures, joint operations and associates as of December 31, 2020

Company name	Registered office	Country of operation	Business segment	% ownership interest	Eni's % of the investment
Joint venture					
Vår Energi AS	Forus (Norway)	Norway	Exploration & Production	69.85	69.85
Saipem SpA	San Donato Milanese (MI) (Italy)	Italy	Corporate and financial companies	30.54	31.08
Unión Fenosa Gas SA	Madrid (Spain)	Spain	Global Gas & LNG Portfolio	50.00	50.00
Cardón IV SA	Caracas (Venezuela)	Venezuela	Exploration & Production	50.00	50.00
Gas Distribution Company of Thessaloniki - Thessaly SA	Ampelokipi- Menemeni (Greece)	Greece	Eni gas e luce	49.00	49.00
Joint Operation					
Mozambique Rovuma Venture SpA	San Donato Milanese (MI) (Italy)	Mozambique	Exploration & Production	35.71	35.71
GreenStream BV	Amsterdam (Netherlands)	Libya	Global Gas & LNG Portfolio	50.00	50.00
Associates					
Abu Dhabi Oil Refining Co (Takreer)	Abu Dhabi (United Arab Emirates)	United Arab Emirates	Refining & Marketing	20.00	20.00
Angola LNG Ltd	Hamilton (Bermuda)	Angola	Exploration & Production	13.60	13.60
Coral FLNG SA	Maputo (Mozambique)	Mozambique	Exploration & Production	25.00	25.00

Main line items of profit and loss and balance sheet related to the principal joint ventures, represented by the amounts included in the reports accounted under IFRS of each company, are provided in the table below:

2020								
(€million)	Vår Energi		Saipem		Unión Fenosa		Gas Distribution Company of Thessaloniki - Thessaly	Other joint ventures
	AS		SpA		Gas SA	SA	SA	
Current assets	804		6,411		599	235	31	858
- of which cash and cash equivalent	222		1,687		36		10	43
Non-current assets	16,042		4,831		717	2,040	344	924
Total assets	16,846		11,242		1,316	2,275	375	1,782
Current liabilities	189		4,903		311	262	38	1,022
- current financial liabilities	33		609		99		11	90
Non-current liabilities	15,019		3,391		501	1,615	51	333
- non-current financial liabilities	4,389		2,827		421	785	39	237
Total liabilities	15,208		8,294		812	1,877	89	1,355
Net equity	1,638		2,948		504	398	286	427
Eni's % of the investment	69.85		31.08		50.00	50.00	49.00	
Book value of the investment	1,144		908		242	199	140	188

Revenues and other income	2,450	7,408	854	612	62	286
Operating expense	(980)	(6,980)	(805)	(453)	(19)	(304)
Depreciation, amortization and impairments	(3,425)	(1,273)	(108)	(95)	(16)	(85)
Operating profit (loss)	(1,955)	(845)	(59)	64	27	(103)
Finance income (expense)	31	(166)	(29)	(98)	(1)	(21)
Income (expense) from investments		37	3			
Profit (loss) before income taxes	(1,924)	(974)	(85)	(34)	26	(124)
Income taxes	603	(143)	(2)	(58)	(6)	(4)
Net profit (loss)	(1,321)	(1,117)	(87)	(92)	20	(128)
Other comprehensive income (loss)	(273)	46	(33)	(35)		(25)
Total other comprehensive income (loss)	(1,594)	(1,071)	(120)	(127)	20	(153)
Net profit (loss) attributable to Eni	(918)	(354)	(68)	(46)	10	(93)
Dividends received from the joint venture	274	3			9	10

(€million)	2019						
	Vår Energi	Saipem	Unión Fenosa	Cardón IV	Gas Distribution Company of Thessaloniki - Thessaly	Other joint ventures	
	AS	SpA	Gas SA	SA	SA		
Current assets	1,385	7,012	585	208	31	551	
- of which cash and cash equivalent	182	2,272	41	6	12	40	
Non-current assets	18,427	5,997	827	2,383	322	1,085	
Total assets	19,812	13,009	1,412	2,591	353	1,636	
Current liabilities	2,374	5,204	225	255	24	819	
- current financial liabilities	33	557	49		9	165	
Non-current liabilities	13,820	3,680	563	2,040	46	354	
- non-current financial liabilities	3,929	3,147	493	1,140	33	274	
Total liabilities	16,194	8,884	788	2,295	70	1,173	
Net equity	3,618	4,125	624	296	283	463	
Eni's % of the investment	69.60	30.99	50.00	50.00	49.00		
Book value of the investment	2,518	1,250	326	148	139	199	
Revenues and other income	2,552	9,118	1,255	598	58	270	
Operating expense	(1,015)	(7,972)	(1,221)	(456)	(16)	(277)	
Depreciation, amortization and impairments	(1,208)	(690)	(53)	(86)	(14)	(47)	
Operating profit (loss)	329	456	(19)	56	28	(54)	
Finance income (expense)	(1)	(210)	(37)	(133)	(1)	(14)	
Income (expense) from investments		(18)	6				
Profit (loss) before income taxes	328	228	(50)	(77)	27	(68)	
Income taxes	(258)	(130)	8	(103)	(7)	(12)	
Net profit (loss)	70	98	(42)	(180)	20	(80)	
Other comprehensive income (loss)	40	66	11	5			
Total other comprehensive income (loss)	110	164	(31)	(175)	20	(80)	
Net profit (loss) attributable to Eni	49	4	(14)	(90)	10	(40)	
Dividends received from the joint venture	1,057			10		6	

Main line items of profit and loss and balance sheet related to the principal associates represented by the amounts included in the reports accounted under IFRS of each company are provided in the table below:

2020

(€million)	Abu Dhabi Oil Refining Co (TAKREER)	Angola LNG Ltd	Coral FLNG SA	Other associates
Current assets	1,391	618	133	623
- of which cash and cash equivalent	97	428	83	303
Non-current assets	17,938	8,633	4,777	4,072
Total assets	19,329	9,251	4,910	4,695
Current liabilities	4,897	424	172	656
- current financial liabilities	4,404	101		263
Non-current liabilities	2,757	1,187	4,186	3,068
- non-current financial liabilities	456	999	4,186	2,928
Total liabilities	7,654	1,611	4,358	3,724
Net equity	11,675	7,640	552	971
Eni's % of the investment	20.00	13.60	25.00	

Book value of the investment	2,335	1,039	138	321
Revenues and other income	11,933	976	1	954
Operating expense	(12,370)	(548)		(917)
Depreciation, amortization and impairments	(851)	(508)		(75)
Operating profit (loss)	(1,288)	(80)	1	(38)
Finance income (expense)	(91)	(96)	(11)	(13)
Income (expense) from investments				16
Profit (loss) before income taxes	(1,379)	(176)	(10)	(35)
Income taxes	4		2	(9)
Net profit (loss)	(1,375)	(176)	(8)	(44)
Other comprehensive income (loss)	(1,101)	(710)	(48)	(60)
Total other comprehensive income (loss)	(2,476)	(886)	(56)	(104)
Net profit (loss) attributable to Eni	(275)	(24)	(2)	(26)
Dividends received from the associate				13

2019

(€million)

	Abu Dhabi Oil Refining Co (TAKREER)	Angola LNG Ltd	Coral FLNG SA	Other associates
Current assets	4,659	890	241	838
- of which cash and cash equivalent	42	653	240	91
Non-current assets	18,868	9,952	4,119	3,259
Total assets	23,527	10,842	4,360	4,097
Current liabilities	8,470	185	230	585
- current financial liabilities	3,694			63
Non-current liabilities	912	2,135	3,722	2,677
- non-current financial liabilities	479	1,943	3,722	2,515
Total liabilities	9,382	2,320	3,952	3,262
Net equity	14,145	8,522	408	835
Eni's % of the investment	20.00	13.60	25.00	
Book value of the investment	2,829	1,159	102	264
Revenues and other income	399	1,552		818
Operating expense	(357)	(549)		(763)
Depreciation, amortization and impairments	(335)	(509)		(28)
Operating profit (loss)	(293)	494		27
Finance income (expense)	(46)	(151)	(12)	(2)
Income (expense) from investments	282			35
Profit (loss) before income taxes	(57)	343	(12)	60
Income taxes	11		5	(10)
Net profit (loss)	(46)	343	(7)	50
Other comprehensive income (loss)	(59)	162	8	5
Total other comprehensive income (loss)	(105)	505	1	55
Net profit (loss) attributable to Eni	(9)	47	(2)	22
Dividends received from the associate	46			15

Significant non-recurring events and operations	12 Months Ended
	Dec. 31, 2020
Significant non-recurring events and operations	
Significant non-recurring events and operations	38 Significant non-recurring events and operations
In 2020, in 2019 and 2018, Eni did not report any non-recurring events and operations.	

Positions or transactions deriving from atypical and/or unusual operations	12 Months Ended
	Dec. 31, 2020
Positions or transactions deriving from atypical and/or unusual operations	
Positions or transactions deriving from atypical and/or unusual operations	39 Positions or transactions deriving from atypical and/or unusual operations
In 2020, in 2019 and 2018, no transactions deriving from atypical and/or unusual operations were reported.	

Subsequent events	12 Months Ended
	Dec. 31, 2020
Subsequent events	
Subsequent events	40 Subsequent events
No significant events were reported after December 31, 2020, apart from what is already included in the notes to these Financial Statements.	

Significant accounting policies, estimates and judgements (Policies)	12 Months Ended
	Dec. 31, 2020
Significant accounting policies, estimates and judgements	
Basis of preparation	<p>Basis of preparation</p> <p>The Consolidated Financial Statements of Eni SpA and its subsidiaries (collectively referred to as Eni or the Group) have been prepared on a going concern¹ basis in accordance with International Financial Reporting Standards (IFRS)² as issued by the International Accounting Standards Board (IASB).</p> <p>The Consolidated Financial Statements have been prepared under the historical cost convention, taking into account, where appropriate, value adjustments, except for certain items that under IFRSs must be measured at fair value as described in the accounting policies that follow. The principles of consolidation and the significant accounting policies that follow have been consistently applied to all years presented, except where otherwise indicated.</p> <p>The 2020 Consolidated Financial Statements included in the Annual Report on Form 20-F, approved by the Eni’s Board of Directors on April 1, 2021, were audited by the external auditor PricewaterhouseCoopers SpA. The external auditor of Eni SpA, as the main external auditor, is wholly in charge of the auditing activities of the Consolidated Financial Statements; when there are other external auditors, PricewaterhouseCoopers SpA takes the responsibility of their work.</p> <p>The Consolidated Financial Statements are presented in euros and all values are rounded to the nearest million euros (€million), except where otherwise indicated.</p> <hr/> <p>¹ With reference to the impacts of COVID-19, see information provided in the previous paragraph.</p> <p>² IFRSs include also International Accounting Standards (IAS), currently effective, as well as the interpretations developed by the IFRS Interpretations Committee, previously named International Financial Reporting Interpretations Committee (IFRIC) and initially Standing Interpretations Committee (SIC).</p>
Significant accounting estimates and judgements	<p>Significant accounting estimates and judgements</p> <p>The preparation of the Consolidated Financial Statements requires the use of estimates and assumptions that affect the assets, liabilities, revenues and expenses recognised in the financial statements, as well as amounts included in the notes thereto, including disclosure of contingent assets and contingent liabilities. Estimates made are based on complex judgements and past experience of other assumptions deemed reasonable in consideration of the information available at the time. The accounting policies and areas that require the most significant judgements and estimates to be used in the preparation of the Consolidated Financial Statements are in relation to the accounting for oil and natural gas activities, specifically in the determination of reserves, impairment of financial and non-financial assets, leases, decommissioning and restoration liabilities, environmental liabilities, business combinations, employee benefits, revenue from contracts with customers, fair value measurements and income taxes. Although the Company uses its best estimates and judgements, actual results could differ from the estimates and assumptions used. The accounting estimates and judgements relevant for the preparation of the Consolidated Financial Statement are described below.</p>
Subsidiaries	<p>Principles of consolidation</p> <p>Subsidiaries</p> <p>The Consolidated Financial Statements comprise the financial statements of the parent Company Eni SpA and those of its subsidiaries, being those entities over which the Company has control, either directly or indirectly, through exposure or rights to their variable returns and the ability to affect those returns through its power over the investees. To have power over an investee, the investor must have existing rights that give it the current ability to direct the relevant activities of the investee, i.e. the activities that significantly affect the investee’s returns.</p> <p>Subsidiaries are consolidated, on the basis of consistent accounting policies, from the date on which control is obtained until the date that control ceases.</p> <p>Assets, liabilities, income and expenses of consolidated subsidiaries are fully recognised with those of the parent in the Consolidated Financial Statements, taking into account the appropriate eliminations of intragroup transactions (see the accounting policy for “Intragroup transactions”); the parent’s investment in each subsidiary is eliminated against the corresponding parent’s portion of equity of each subsidiary. Non-controlling interests are presented separately on the balance sheet within equity; the profit or loss and comprehensive income attributable to non-controlling interests are presented in specific line items, respectively, in the profit and loss account and in the statement of comprehensive income.</p> <p>The Consolidated Financial Statements do not consolidate: (i) some subsidiaries being immaterial, either individually or in the aggregate; (ii) companies whose consolidation does not produce material impacts, that are subsidiaries acting as sole-operator in the management of oil and gas contracts on behalf of companies participating in a joint project. In the latter case, the activities are financed proportionally based on a budget approved by the participating companies upon presentation of periodical reports of proceeds and expenses. Costs and revenue and other operating data (production, reserves, etc.) of the project, as well as the related obligations arising from the project, are recognised directly in the financial statements of the companies involved based on their own share. The abovementioned exclusions do not produce material³ impacts on the Consolidated Financial Statements⁴.</p>

	<p>When the proportion of the equity held by non-controlling interests changes, any difference between the consideration paid/received and the amount by which the related non-controlling interests are adjusted is attributed to Eni owners' equity. Conversely, the sale of equity interests with loss of control determines the recognition in the profit and loss account of: (i) any gain or loss calculated as the difference between the consideration received and the corresponding transferred net assets; (ii) any gain or loss recognised as a result of the remeasurement of any investment retained in the former subsidiary at its fair value; and (iii) any amount related to the former subsidiary previously recognised in other comprehensive income which may be reclassified subsequently to the profit and loss account⁵. Any investment retained in the former subsidiary is recognised at its fair value at the date when control is lost and shall be accounted for in accordance with the applicable measurement criteria.</p> <p>³ According to IFRSs, information is material if omitting, misstating or obscuring it could reasonably be expected to influence decisions that the primary users of general purpose financial statements make on the basis of those financial statements.</p> <p>⁴ Unconsolidated subsidiaries are accounted for as described in the accounting policy for "The equity method of accounting".</p> <p>⁵ Conversely, any amount related to the former subsidiary previously recognised in other comprehensive income, which may not be reclassified subsequently to the profit and loss account, are reclassified in another item of equity.</p>
Interests in joint arrangements	<p>Interests in joint arrangements</p> <p>Joint control is the contractually agreed sharing of control of an arrangement, which exists only when decisions about the relevant activities require the unanimous consent of the parties sharing control.</p> <p>A joint venture is a joint arrangement whereby the parties that have joint control of the arrangement have rights to the net assets of the arrangement. Investments in joint ventures are accounted for using the equity method as described in the accounting policy for "The equity method of accounting".</p> <p>A joint operation is a joint arrangement whereby the parties that have joint control of the arrangement have enforceable rights to the assets, and enforceable obligations for the liabilities, relating to the arrangement; in the Consolidated Financial Statements, Eni recognises its share of the assets/liabilities and revenue/expenses of joint operations on the basis of its rights and obligations relating to the arrangements.</p> <p>After the initial recognition, the assets/liabilities and revenue/expenses of the joint operations are measured in accordance with the applicable measurement criteria. Immaterial joint operations structured through a separate vehicle are accounted for using the equity method or, if this does not result in a misrepresentation of the Company's financial position and performance, at cost net of any impairment losses.</p>
Investments in associates	<p>Investments in associates</p> <p>An associate is an entity over which Eni has significant influence, that is the power to participate in the financial and operating policy decisions of the investee, but is not control or joint control of those policies. Investments in associates are accounted for using the equity method as described in the accounting policy for "The equity method of accounting".</p> <p>Consolidated companies' financial statements are audited by external auditors who also audit the information required for the preparation of the Consolidated Financial Statements.</p>
The equity method of accounting	<p>The equity method of accounting</p> <p>Investments in joint ventures, associates and immaterial unconsolidated subsidiaries, are accounted for using the equity method.⁶</p> <p>Under the equity method, investments are initially recognised at cost, allocating it, similarly to business combinations procedures, to the investee's identifiable assets/liabilities; any excess of the cost of the investment over the share of the net fair value of the investee's identifiable assets and liabilities is accounted for as goodwill, not separately recognised but included in the carrying amount of the investment. If this allocation is provisionally recognised at initial recognition, it can be retrospectively adjusted within one year from the date of initial recognition, to reflect new information obtained about facts and circumstances that existed at the date of initial recognition. Subsequently, the carrying amount is adjusted to reflect: (i) the investor's share of the profit or loss of the investee after the date of acquisition, adjusted to account for depreciation, amortization and any impairment losses of the equity-accounted entity's assets based on their fair values at the date of acquisition; and (ii) the investor's share of the investee's other comprehensive income. Distributions received from an equity-accounted investee reduce the carrying amount of the investment. In applying the equity method, consolidation adjustments are considered (see also the accounting policy for "Subsidiaries"). Losses arising from the application of the equity method in excess of the carrying amount of the investment, recognised in the profit and loss account within "Income (Expense) from investments", reduce the carrying amount, net of the related expected credit losses (see below), of any financing receivables towards the investee for which settlement is neither planned nor likely to occur in the foreseeable future (the so-called long-term interests), which are, in substance, an extension of the investment in the investee. The investor's share of any losses of an equity-accounted investee that exceeds the carrying amount of the investment and any long-term interests (the so-called net investment), is recognised in a specific provision only to the extent that the investor has incurred legal or constructive obligations or made payments on behalf of the investee.</p> <p>Whenever there is objective evidence of impairment (e.g. relevant breaches of contracts, significant financial difficulty, probable default of the counterparty, etc.), the carrying amount of the net investment, resulting from the application of the abovementioned measurement criteria, is tested for impairment by comparing it with the related recoverable amount, determined by adopting the criteria indicated in the accounting policy for "Impairment of non-financial assets". When an impairment loss no longer exists or has decreased, any reversal of the impairment loss is recognised in the profit and loss account within "Income (Expense) from investments". The impairment reversal of the net investment shall not exceed the previously recognised impairment losses.</p>

	<p>The sale of equity interests with loss of joint control or significant influence over the investee determines the recognition in the profit and loss account of: (i) any gain or loss calculated as the difference between the consideration received and the corresponding transferred share; (ii) any gain or loss recognised as a result of the remeasurement of any investment retained in the former joint venture/associate at its fair value⁷; and (iii) any amount related to the former joint venture/associate previously recognised in other comprehensive income which may be reclassified subsequently to the profit and loss account⁸. Any investment retained in the former joint venture/associate is recognised at its fair value at the date when joint control or significant influence is lost and shall be accounted for in accordance with the applicable measurement criteria.</p> <hr/> <p>⁶ Joint ventures, associates and immaterial unconsolidated subsidiaries are accounted for at cost less any accumulated impairment losses, if this does not result in a misrepresentation of the Company's financial position and performance.</p> <p>⁷ If the retained investment continues to be classified either as a joint venture or an associate and so accounted for using the equity method, no remeasurement at fair value is recognised in the profit and loss account.</p> <p>⁸ Conversely, any amount related to the former joint venture/associate previously recognised in other comprehensive income, which may not be reclassified subsequently to the profit and loss account, are reclassified in another item of equity.</p>
Business combinations	<p>Business combinations</p> <p>Business combinations are accounted for by applying the acquisition method. The consideration transferred in a business combination is the sum of the acquisition-date fair value of the assets transferred, the liabilities incurred and the equity interests issued by the acquirer. The consideration transferred includes also the fair value of any assets or liabilities resulting from contingent considerations, contractually agreed and dependent upon the occurrence of specified future events. Acquisition-related costs are accounted for as expenses when incurred.</p> <p>The acquirer shall measure the identifiable assets acquired and liabilities assumed at their acquisition-date fair values⁹, unless another measurement basis is required by IFRSs. The excess of the consideration transferred over the Group's share of the acquisition-date fair values of the identifiable assets acquired and liabilities assumed is recognised, on the balance sheet, as goodwill; conversely, a gain on a bargain purchase is recognised in the profit and loss account.</p> <p>Any non-controlling interests are measured as the proportionate share in the recognised amounts of the acquiree's identifiable net assets at the acquisition date excluding the portion of goodwill attributable to them (partial goodwill method).¹⁰ In a business combination achieved in stages, the purchase price is determined by summing the acquisition-date fair value of previously held equity interests in the acquiree and the consideration transferred for obtaining control; the previously held equity interests are remeasured at their acquisition-date fair value and the resulting gain or loss, if any, is recognised in the profit and loss account. Furthermore, on obtaining control, any amount recognised in other comprehensive income related to the previously held equity interests is reclassified to the profit and loss account, or in another item of equity when such amount may not be reclassified to the profit and loss account.</p> <p>If the initial accounting for a business combination is incomplete by the end of the reporting period in which the combination occurs, the provisional amounts recognised at the acquisition date shall be retrospectively adjusted within one year from the acquisition date, to reflect new information obtained about facts and circumstances that existed as of the acquisition date.</p> <p>The acquisition of interests in a joint operation whose activity constitutes a business is accounted for applying the principles on business combinations accounting. In this regard, if the entity obtains control over a business that was a joint operation, the previously held interest in the joint operation is remeasured at the acquisition-date fair value and the resulting gain or loss is recognized in the profit and loss account.¹¹</p> <hr/> <p>⁹ Fair value measurement principles are described in the accounting policy for "Fair value measurements".</p> <p>¹⁰ As an alternative, IFRSs allow to use the full goodwill method, which leads to the portion of goodwill/badwill attributable to non-controlling interests being recognised; the choice of measurement basis for goodwill/badwill (partial goodwill method vs. full goodwill method) is made on a transaction-by-transaction basis.</p> <p>¹¹ If the entity acquires additional interests in a joint operation that is a business, while retaining joint control, the previously held interest in the joint operation is not remeasured.</p>
Significant accounting estimates and judgements: investments and business combinations	<p>Significant accounting estimates and judgements: investments and business combinations</p> <p>The assessment of the existence of control, joint control, significant influence over an investee, as well as for joint operations, the assessment of the existence of enforceable rights to the investee's assets and enforceable obligations for the investee's liabilities imply that the management makes complex judgements on the basis of the characteristics of the investee's structure, arrangements between parties and other relevant facts and circumstances. Significant accounting estimates by management are required also for measuring the identifiable assets acquired and the liabilities assumed in a business combination at their acquisition-date fair values. For such measurement, to be performed also for the application of the equity method, Eni adopts the valuation techniques generally used by market participants taking into account the available information; for the most significant business combinations, Eni engages external independent evaluators.</p>
Intragroup transactions	<p>Intragroup transactions</p> <p>All balances and transactions between consolidated companies, and not yet realised with third parties, including unrealised profits arising from such transactions have been eliminated.</p> <p>Unrealised profits arising from transactions between the Group and its equity-accounted entities are eliminated to the extent of the Group's interest in the equity-accounted entity. In both cases, unrealised losses are not eliminated unless the transaction provides evidence of an impairment loss of the asset transferred.</p>
Foreign currency translation	<p>Foreign currency translation</p> <p>The financial statements of foreign operations having a functional currency other than the euro, that represents the parent's functional currency, are translated into euros using the spot exchange rates on the balance sheet date for assets and liabilities, historical exchange rates for equity and average exchange rates for the profit and loss account and the statement of cash flows.</p>

The cumulative resulting exchange differences are presented in the separate component of Eni owners’ equity “Cumulative currency translation differences”¹². Cumulative amount of exchange differences relating to a foreign operation are reclassified to the profit and loss account when the entity disposes the entire interest in that foreign operation or when the partial disposal involves the loss of control, joint control or significant influence over the foreign operation. On a partial disposal that does not involve loss of control of a subsidiary that includes a foreign operation, the proportionate share of the cumulative exchange differences is reattributed to the non-controlling interests in that foreign operation. On a partial disposal of interests in joint arrangements or in associates that does not involve loss of joint control or significant influence, the proportionate share of the cumulative exchange differences is reclassified to the profit and loss account. The repayment of share capital made by a subsidiary having a functional currency other than the euro, without a change in the ownership interest, implies that the proportionate share of the cumulative amount of exchange differences relating to the subsidiary is reclassified to the profit and loss account.

The financial statements of foreign operations which are translated into euros are denominated in the foreign operations’ functional currencies which generally is the U.S. dollar.

The main foreign exchange rates used to translate the financial statements into the parent’s functional currency are indicated below:

	Annual average exchange rate 2020	Exchange rate at December 31, 2020	Annual average exchange rate 2019	Exchange rate at December 31, 2019	Annual average exchange rate 2018	Exchange rate at December 31, 2018
(currency amount for 1 €)						
U.S. Dollar	1.14	1.23	1.12	1.12	1.18	1.15
Pound Sterling	0.89	0.90	0.88	0.85	0.88	0.89
Australian Dollar	1.66	1.59	1.61	1.60	1.58	1.62

¹² When the foreign subsidiary is partially owned, the cumulative exchange difference, that is attributable to the non-controlling interests, is allocated to and recognised as part of “Non-controlling interest”.

Oil and natural gas exploration, appraisal, development and production activities

Oil and natural gas exploration, appraisal, development and production activities

Oil and natural gas exploration, appraisal and development activities are accounted for using the principles of the successful efforts method of accounting as described below.

Acquisition of exploration rights

Costs incurred for the acquisition of exploration rights (or their extension) are initially capitalised within the line item “Intangible assets” as “exploration rights — unproved” pending determination of whether the exploration and appraisal activities in the reference areas are successful or not. Unproved exploration rights are not amortised, but reviewed to confirm that there is no indication that the carrying amount exceeds the recoverable amount. This review is based on the confirmation of the commitment of the Company to continue the exploration activities and on the analysis of facts and circumstances that indicate the absence of uncertainties related to the recoverability of the carrying amount. If no future activity is planned, the carrying amount of the related exploration rights is recognised in the profit and loss account as write-off. Lower value exploration rights are pooled and amortised on a straight-line basis over the estimated period of exploration. In the event of a discovery of proved reserves (i.e. upon recognition of proved reserves and internal approval for development), the carrying amount of the related unproved exploration rights is reclassified to “proved exploration rights”, within the line item “Intangible assets”. Upon reclassification, as well as whether there is any indication of impairment, the carrying amount of exploration rights to reclassify as proved is tested for impairment considering the higher of their value in use and their fair value less costs of disposal. From the commencement of production, proved exploration rights are amortised according to the unit of production method (the so-called UOP method, described in the accounting policy for “UOP depreciation, depletion and amortisation”).

Acquisition of mineral interests

Costs incurred for the acquisition of mineral interests are capitalised in connection with the assets acquired (such as exploration potential, possible and probable reserves and proved reserves). When the acquisition is related to a set of exploration potential and reserves, the cost is allocated to the different assets acquired based on their expected discounted cash flows.

Acquired exploration potential is measured in accordance with the criteria illustrated in the accounting policy for “Acquisition of exploration rights”. Costs associated with proved reserves are amortised according to the UOP method (see the accounting policy for “UOP depreciation, depletion and amortisation”). Expenditure associated with possible and probable reserves (unproved mineral interests) is not amortised until classified as proved reserves; in case of a negative result of the subsequent appraisal activities, it is written off.

Exploration and appraisal expenditure

Geological and geophysical exploration costs are recognised as an expense as incurred.

Costs directly associated with an exploration well are initially recognised within tangible assets in progress, as “exploration and appraisal costs — unproved” (exploration wells in progress) until the drilling of the well is completed and can continue to be capitalised in the following 12-month period pending the evaluation of drilling results (suspended exploration wells). If, at the end of this period, it is ascertained that the result is negative (no hydrocarbon found) or that the discovery is not sufficiently significant to justify the development, the wells are declared dry/unsuccessful and the related costs are written-off. Conversely, these costs continue to be capitalised if and until: (i) the well has found a sufficient quantity of reserves to justify its completion as a producing well, and (ii) the entity is making sufficient progress assessing the reserves and the economic and operating viability of the project; on the contrary, the capitalised costs are recognised in the profit and loss account as write-off. Analogous recognition criteria are adopted for the costs related to the appraisal activity. When proved reserves of oil and/or natural gas are determined, the relevant expenditure

recognised as unproved is reclassified to proved exploration and appraisal costs within tangible assets in progress. Upon reclassification, or when there is any indication of impairment, the carrying amount of the costs to reclassify as proved is tested for impairment considering the higher of their value in use and their fair value less costs of disposal. From the commencement of production, proved exploration and appraisal costs are depreciated according to the UOP method (see the accounting policy for “UOP depreciation, depletion and amortisation”).

Development expenditure

Development expenditure, including the costs related to unsuccessful and damaged development wells, are capitalised as “Tangible asset in progress — proved”. Development costs are incurred to obtain access to proved reserves and to provide facilities for extracting, treating, gathering and storing the oil and gas. They are amortised, from the commencement of production, generally on a UOP basis. When development projects are unfeasible/not carried on, the related costs are written off when it is decided to abandon the project. Development costs are tested for impairment in accordance with the criteria described in the accounting policy for “Property, plant and equipment”.

UOP depreciation, depletion and amortisation

Proved oil and gas assets are depreciated generally under the UOP method, as their useful life is closely related to the availability of proved oil and gas reserves, by applying, to the depreciable amounts at the end of each quarter a rate representing the ratio between the volumes extracted during the quarter and the reserves existing at the end of the quarter, increased by the volumes extracted during the quarter. This method is applied with reference to the smallest aggregate representing a direct correlation between expenditures to be depreciated and oil and gas reserves. Proved exploration rights and acquired proved mineral interests are amortised over proved reserves; proved exploration and appraisal costs and development expenditure are depreciated over proved developed reserves, while common facilities are depreciated over total proved reserves. Proved reserves are determined according to U.S. SEC rules that require the use of the yearly average oil and gas prices for assessing the economic producibility; material changes in reference prices could result in depreciation charges not reflecting the pattern in which the assets’ future economic benefits are expected to be consumed to the extent that, for example, certain non-current assets would be fully depreciated within a short term. In these cases the reserves considered in determining the UOP rate are estimated on the basis of economic viability parameters, reasonable and consistent with management’s expectations of production, in order to recognise depreciation charges that more appropriately reflect the expected utilization of the assets concerned.

Production costs

Production costs are those costs incurred to operate and maintain wells and field equipment and are recognised as an expense as incurred.

Production Sharing Agreements and service contracts

Oil and gas reserves related to Production Sharing Agreements are determined on the basis of contractual terms related to the recovery of the contractor’s costs to undertake and finance exploration, development and production activities at its own risk (Cost Oil) and the Company’s stipulated share of the production remaining after such cost recovery (Profit Oil). Revenues from the sale of the lifted production, against both Cost Oil and Profit Oil, are accounted for on an accrual basis, whilst exploration, development and production costs are accounted for according to the above-mentioned accounting policies. The Company’s share of production volumes and reserves includes the share of hydrocarbons that corresponds to the taxes to be paid, according to the contractual agreement, by the national government on behalf of the Company. As a consequence, the Company has to recognise at the same time an increase in the taxable profit, through the increase of the revenue, and a tax expense. A similar scheme applies to service contracts.

Plugging and abandonment of wells

Costs expected to be incurred with respect to the plugging and abandonment of a well, dismantlement and removal of production facilities, as well as site restoration, are capitalised, consistent with the accounting policy described under “Property, plant and equipment”, and then depreciated on a UOP basis.

Significant accounting estimates and judgements: oil and natural gas activities

Engineering estimates of the Company’s oil and gas reserves are inherently uncertain. Proved reserves are the estimated volumes of crude oil, natural gas and gas condensates, liquids and associated substances which geological and engineering data demonstrate that can be economically producible with reasonable certainty from known reservoirs under existing economic conditions and operating methods. Although there are authoritative guidelines regarding the engineering and geological criteria that must be met before estimated oil and gas reserves can be categorised as “proved”, the accuracy of reserve estimates depends on a number of factors, assumptions and variables, including: (i) the quality of available geological, technical and economic data and their interpretation and judgement; (ii) projections regarding future rates of production and operating costs as well as timing and amount of development expenditures; (iii) changes in the prevailing tax rules, other government regulations and contractual conditions; (iv) results of drilling, testing and the actual production performance of Eni’s reservoirs after the date of the estimates which may drive substantial upward or downward revisions; and (v) changes in oil and natural gas prices which could affect expected future cash flows and the quantities of Eni’s proved reserves since the estimates of reserves are based on prices and costs existing as of the date when these estimates are made. Lower oil prices or the projections of higher operating and development costs may impair the ability of the Company to economically produce reserves leading to downward reserve revisions.

Many of the factors, assumptions and variables involved in estimating proved reserves are subject to change over time and therefore affect the estimates of oil and natural gas reserves. Similar uncertainties concern unproved reserves.

The determination of whether potentially economic oil and natural gas reserves have been discovered by an exploration well is made within a year after well completion. The evaluation process of a

discovery, which requires performing additional appraisal activities on the potential oil and natural gas field and establishing the optimum development plans, can take longer, in most cases, depending on the complexity of the project and on the size of capital expenditures required. During this period, the costs related to these exploration wells remain suspended on the balance sheet. In any case, all such capitalised costs are reviewed, at least, on an annual basis to confirm the continued intent to develop, or otherwise to extract value from the discovery.

Field reserves will be categorised as proved only when all the criteria for attribution of proved status have been met. Proved reserves can be classified as developed or undeveloped. Volumes are classified into proved developed reserves as a consequence of development activity. Generally, reserves are booked as proved developed at the start of production. Major development projects typically take one to four years from the time of initial booking to the start of production.

Estimated proved reserves are used in determining depreciation, amortisation and depletion charges and impairment charges. Assuming all other variables are held constant, an increase in estimated proved developed reserves for each field decreases depreciation, amortisation and depletion charge under the UOP method. Conversely, a decrease in estimated proved developed reserves increases depreciation, amortisation and depletion charge.

Property, plant and equipment

Property, plant and equipment

Property, plant and equipment, including investment properties, are recognised using the cost model and stated at their purchase price or construction cost including any costs directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by management. For assets that necessarily take a substantial period of time to get ready for their intended use, the purchase price or construction cost comprises the borrowing costs incurred in the period to get the asset ready for use that would have been avoided if the expenditure had not been made.

In the case of a present obligation for dismantling and removal of assets and restoration of sites, the initial carrying amount of an item of property, plant and equipment includes the estimated (discounted) costs to be incurred when the removal event occurs; a corresponding amount is recognised as part of a specific provision (see the accounting policy for “Decommissioning and restoration liabilities”). Analogous approach is adopted for present obligations to realise social projects in oil and gas development areas.

Property, plant and equipment are not revalued for financial reporting purposes.

Expenditures on upgrading, revamping and reconversion are recognised as items of property, plant and equipment when it is probable that they will increase the expected future economic benefits of the asset. Assets acquired for safety or environmental reasons, although not directly increasing the future economic benefits of any particular existing item of property, plant and equipment, qualify for recognition as assets when they are necessary for running the business.

Depreciation of tangible assets begins when they are available for use, i.e. when they are in the location and condition necessary for it to be capable of operating as planned. Property, plant and equipment are depreciated on a systematic basis over their useful life. The useful life is the period over which an asset is expected to be available for use by the Company. When tangible assets are composed of more than one significant part with different useful lives, each part is depreciated separately. The depreciable amount is the asset’s carrying amount less its residual value at the end of its useful life, if it is significant and can be reasonably determined. Land is not depreciated, even when acquired together with a building. Tangible assets held for sale are not depreciated (see the accounting policy for “Assets held for sale and discontinued operations”). Changes in the asset’s useful life, in its residual value or in the pattern of consumption of the future economic benefits embodied in the asset, are accounted for prospectively.

Assets to be handed over for no consideration are depreciated over the shorter term between the duration of the concession or the asset’s useful life.

Replacement costs of identifiable parts in complex assets are capitalised and depreciated over their useful life; the residual carrying amount of the part that has been substituted is charged to the profit and loss account. Non-removable leasehold improvements are depreciated over the earlier of the useful life of the improvements and the lease term. Expenditures for ordinary maintenance and repairs are recognised as an expense as incurred.

The carrying amount of property, plant and equipment is derecognised on disposal or when no future economic benefits are expected from its use or disposal; the arising gain or loss is recognised in the profit and loss account.

Leases

Leases^{13 14}

A contract is, or contains, a lease, if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration¹⁵; such right exists whether, throughout the period of use, the customer has both the right to obtain substantially all of the economic benefits from use of the identified asset and the right to direct the use of the identified asset.

At the commencement date of the lease (i.e. the date on which the underlying asset is available for use), a lessee recognises on the balance sheet an asset representing its right to use the underlying leased asset (hereinafter also referred as right-of-use asset) and a liability representing its obligation to make lease payments during the lease term (hereinafter also referred as lease liability).¹⁶ The lease term is the non-cancellable period of a contract, together with, if reasonably certain, periods covered by extension options or by the non-exercise of termination options.

In particular, the lease liability is initially recognised at the present value of the following lease payments¹⁷ that are not paid at the commencement date: (i) fixed payments (including in-substance fixed payments), less any lease incentives receivable; (ii) variable lease payments that depend on an index or a rate¹⁸; (iii) amounts expected to be payable by the lessee under residual value guarantees; (iv) the exercise price of a purchase option if the lessee is reasonably certain to exercise that option; and (v) payments of penalties for terminating the lease, if the lease term reflects the lessee exercising an option to terminate the lease. The lease payments are discounted using the interest rate implicit in the lease or, if that rate cannot be readily determined, the lessee’s incremental borrowing rate. The latter is determined considering the term of the lease, the frequency and currency of the contractual lease payments, as well as the features of the lessee’s economic environment (reflected in the country risk premium assigned to each country where Eni operates).

After the initial recognition, the lease liability is measured on an amortised cost basis and is remeasured, normally, as an adjustment to the carrying amount of the related right-of-use asset, to reflect changes to the lease payments due, essentially, to: (i) modifications in the lease contract not accounted as a separate lease; (ii) changes in indexes or rates (used to determine the variable lease

payments); or (iii) changes in the assessment of contractual options (e.g. options to purchase the underlying asset, extension or termination options).

The right-of-use asset is initially measured at cost, which comprises: (i) the amount of the initial measurement of the lease liability; (ii) any initial direct costs incurred by the lessee¹⁹; (iii) any lease payments made at or before the commencement date, less any lease incentives received; and (iv) an estimate of costs to be incurred by the lessee in dismantling and removing the underlying asset, restoring the site on which it is located or restoring the underlying asset to the condition required by the terms and conditions of the lease. After the initial recognition, the right-of-use asset is adjusted for any accumulated depreciation²⁰, any accumulated impairment losses (see the accounting policy for “Impairment of non-financial assets”) and any remeasurement of the lease liability.

The depreciation charges of the right-of-use asset and the interest expenses on the lease liability directly attributable to the construction of an asset are capitalised as part of the cost of such asset and subsequently recognised in the profit and loss account through depreciation/impairments or write-off, mainly in the case of exploration assets.

In the oil and gas activities, the operator of an unincorporated joint operation which enters into a lease contract as the sole signatory recognises on the balance sheet: (i) the entire lease liability if, based on the contractual provisions and any other relevant facts and circumstances, it has primary responsibility for the liability towards the third-party supplier; and (ii) the entire right-of-use asset, unless, on the basis of the terms and conditions of the contract, there is a sublease with the followers.

The followers’ share of the right-of-use asset, recognised by the operator, will be recovered according to the joint operation’s contractual arrangements by billing the project costs attributable to the followers and collecting the related cash calls. Costs recovered from the followers are recognised as “Other income and revenues” in the profit and loss account and as net cash provided by operating activities in the statement of cash flows.

Differently, if a lease contract is signed by all the partners, Eni recognises its share of the right-of-use asset and lease liability on the balance sheet based on its working interest.

If Eni does not have primary responsibility for the lease liability, it does not recognise any right-of-use asset and lease liability related to the lease contract.

When lease contracts are entered into by companies other than subsidiaries that act as operators on behalf of the other participating companies (the so-called operating companies), consistent with the provision to recover from the followers the costs related to the oil and gas activities, the participating companies recognise their share of the right-of-use assets and the lease liabilities based on their working interest, defined according to the expected use, to the extent that it is reliably determinable, of the underlying assets.

Significant accounting estimates and judgements: lease transactions

With reference to lease contracts, management makes significant estimates and judgements related to: (i) determining the lease term, making assumptions about the exercise of extension and/or termination options; (ii) determining the lessee’s incremental borrowing rate; (iii) identifying and, where appropriate, separating non-lease components from lease components, where an observable stand-alone price is not readily available, taking into account also the analysis performed with external experts; (iv) recognising lease contracts, for which the underlying assets are used in oil and gas activities (mainly drilling rigs and FPSOs), entered into as operator within an unincorporated joint operation, considering if the operator has primary responsibility for the liability towards the third-party supplier and the relationships with the followers; (v) identifying the variable lease payments and the related characteristics in order to include them in the measurement of the lease liability.

¹³ The accounting policies related to leases have been defined on the basis of IFRS 16 “Leases” effective from January 1, 2019. As allowed by the accounting standard, the new requirements have been applied without restating the comparative years. The previous accounting policies about leases required essentially that: (i) assets held under finance lease, or under arrangements that did not take the legal form of a finance lease but substantially transferred all the risks and rewards incidental to ownership of the leased asset, were recognised, at the commencement of the lease, at their fair value, net of grants attributable to the lessee or, if lower, at the present value of the minimum lease payments, within property, plant and equipment as a contra account to a financing payable to the lessor; and (ii) lease payments under an operating lease were recognised as an expense over the lease term.

¹⁴ As expressly provided for in IFRS 16, this accounting policy does not apply to leases to explore for and extract resources such as those for oil and gas rights, leases of land and any rights of way related to oil and gas activities.

¹⁵ The assessment of whether the contract is, or contains, a lease is performed at the inception date, that is the earlier of the date of a lease agreement and the date of commitment by the parties to the principal terms and conditions of the lease.

¹⁶ Eni applies the recognition exemptions allowed for short-term leases (for certain classes of underlying assets) and low-value leases, by recognising the lease payments associated with those leases as an expense on a straight-line basis over the lease term.

¹⁷ Eni, in accordance with the practical expedient allowed by the accounting standard, does not separate non-lease components from lease components except for main contracts related to upstream activities (drilling rigs), which provide for single payments relating to both lease and non-lease components.

¹⁸ Conversely, the other kinds of variable lease payments (e.g. payments that depend on the use of an underlying leased asset) are not included in the carrying amount of the lease liability, but are recognised in the profit and loss account as operating expenses over the lease term.

¹⁹ Initial direct costs are incremental costs of obtaining a lease that would not have been incurred if the lease had not been obtained.

²⁰ Depreciation charges are recognised on a systematic basis from the commencement date to the earlier of the end of the useful life of the right-of-use asset or the end of the lease term. Nevertheless, if the lease transfers ownership of the underlying asset to the lessee by the end of the lease term, or if the cost of the right-of-use asset reflects that the lessee will exercise a purchase option, the right-of-use asset is depreciated from the commencement date to the end of the useful life of the underlying asset.

Intangible assets

Intangible assets

Intangible assets are identifiable non-monetary assets without physical substance, controlled by the Company and able to produce future economic benefits, and goodwill. An asset is classified as intangible when management is able to distinguish it clearly from goodwill.

Intangible assets are initially recognised at cost as determined by the criteria used for tangible assets and they are not revalued for financial reporting purposes.

	<p>Intangible assets with finite useful lives are amortised on a systematic basis over their useful life; the amount to be amortised and the recoverability of the carrying amount are determined in accordance with the criteria described in the accounting policy for “Property, plant and equipment”.</p> <p>Goodwill and intangible assets with indefinite useful lives are not amortised. For the recoverability of the carrying amounts of the goodwill and other intangible assets see the accounting policy “Impairment of non-financial assets”.</p> <p>Costs of obtaining a contract with a customer are recognised on the balance sheet if the Company expects to recover those costs. The intangible asset arising from those costs is amortised on a systematic basis, that is consistent with the transfer to the customer of the goods or services to which the asset relates, and is tested for impairment.</p> <p>Costs of technological development activities are capitalised when: (i) the cost attributable to the development activity can be measured reliably; (ii) there is the intention and the availability of financial and technical resources to make the asset available for use or sale; and (iii) it can be demonstrated that the asset is able to generate probable future economic benefits.</p> <p>The carrying amount of intangible assets is derecognised on disposal or when no future economic benefits are expected from its use or disposal; any resulting gain or loss is recognised in the profit and loss account.</p>
Impairment of non-financial assets	<p>Impairment of non-financial assets</p> <p>Non-financial assets (tangible assets, intangible assets and right-of-use assets) are tested for impairment whenever events or changes in circumstances indicate that the carrying amounts for those assets may not be recoverable.</p> <p>The recoverability assessment is performed for each cash-generating unit (hereinafter also CGU) represented by the smallest identifiable group of assets that generate cash inflows that are largely independent of the cash inflows from other assets or group of assets.</p> <p>Cash-generating units may include corporate assets which do not generate cash inflows independently of other assets or group of assets, allocable on a reasonable and consistent basis. Corporate assets not attributable to a single cash-generating unit are allocated to a group of cash-generating units. Goodwill is tested for impairment at least annually, and whenever there is any indication of impairment, at the lowest level within the entity at which it is monitored for internal management purposes. Right-of-use assets, which generally do not generate cash inflows independently of other assets or groups of assets, are allocated to the CGU to which they belong; the right-of-use assets which cannot be fully attributed to a CGU are considered as corporate assets. The recoverability of the carrying amount of common facilities within the E&P segment is assessed by considering the set of recoverable amounts of the CGUs benefiting from the common facility.</p> <p>The recoverability of a CGU is assessed by comparing its carrying amount with the recoverable amount, which is the higher of the CGU’s fair value less costs of disposal and its value in use. Value in use is the present value of the future cash flows expected to be derived from continuing use of the CGU and, if significant and reliably measurable, the cash flows expected to be obtained from its disposal at the end of its useful life, after deducting the costs of disposal. The expected cash flows are determined on the basis of reasonable and supportable assumptions that represent management’s best estimate of the range of economic conditions that will exist over the remaining useful life of the cash-generating unit, giving greater weight to external evidence.</p> <p>The value in use of CGUs which include material right-of-use assets is calculated, normally, by ignoring lease payments included in the measurement of the lease liabilities.</p> <p>With reference to commodity prices, management uses the price scenario adopted for economic and financial projections and for the evaluation of investments over their entire life. In particular, for the cash flows associated with oil, natural gas and petroleum products prices (and prices derived from them), the price scenario is approved by the Board of Directors and is based on management’s planning assumptions, in the short and medium term, takes into account the projections of market analysts and, if there is a sufficient liquidity and reliability level, on the forward prices prevailing in the marketplace.</p> <p>For impairment test purposes, cash outflows expected to be incurred to guarantee compliance with laws and regulations regarding CO₂ emissions (e.g. Emission Trading Scheme) or on a voluntary basis (e.g. cash outflows related to forestry certificates acquired or produced consistent with the Company’s decarbonization strategy – hereinafter also forestry) are taken into account.</p> <p>In particular, in estimating value in use, the cash outflows for forestry projects²¹ are included, consistent with the targets of the decarbonization strategy, within the expected operating cash outflows; in this regard, considering that the forestry projects can be developed in countries where Eni does not carry out operating activities and given the difficulty to allocate such cash outflows, on a reasonable and consistent basis, to CGUs of the relevant segment, the related discounted cash outflows are treated as a reduction of the headroom of that specific segment.</p> <p>For the determination of value in use, the estimated future cash flows are discounted using a rate that reflects a current market assessment of the time value of money and of the risks specific to the asset that are not reflected in the estimated future cash flows. In particular, the discount rate used is the Weighted Average Cost of Capital (WACC) adjusted for the specific country risk of the CGU. These adjustments are measured considering information from external parties. WACC differs considering the risk associated with each operating segment/business where the asset operates. In particular, for the assets belonging to the Global Gas & LNG Portfolio (GGP) segment, the Chemical business and each business within the Eni gas e luce, Power & Renewables segment, taking into account their different risk compared to Eni as a whole, specific WACC rates have been defined on the basis of a sample of comparable companies, adjusted to take into account the specific country-risk premium. For the other segments/businesses, a single WACC is used considering that the risk is the same to that of Eni as a whole. Value in use is calculated net of the tax effect as this method results in values similar to those resulting from discounting pre-tax cash flows at a pre-tax discount rate derived, through an iteration process, from a post-tax valuation.</p> <p>When the carrying amount of the CGU, including goodwill allocated thereto, determined taking into account any impairment loss of the non-current assets belonging to the CGU, exceeds its recoverable amount, the excess is recognised as an impairment loss. The impairment loss is allocated first to reduce the carrying amount of goodwill; any remaining excess is allocated to the other assets of the unit pro-rata on the basis of the carrying amount of each asset in the CGU, up to the recoverable amount of assets with finite useful lives.</p>

When an impairment loss no longer exists or has decreased, a reversal of the impairment loss is recognised in the profit and loss account. The impairment reversal shall not exceed the carrying amount that would have been determined, net of depreciation, had no impairment loss been recognised for the asset in prior years. An impairment loss recognised for goodwill is not reversed in a subsequent period.²²

²¹ For the recognition criteria of forestry certificates see the accounting policy for “Costs”.

²² Impairment losses recognised for goodwill in an interim period are not reversed also when, considering conditions existing in a subsequent interim period, they would have been recognised in a smaller amount or would not have been recognised.

Significant accounting estimates and judgements: impairment of non-financial assets

The recoverability of non-financial assets is assessed whenever events or changes in circumstances indicate that carrying amounts of the assets are not recoverable. Such impairment indicators include changes in the Group’s business plans, changes in commodity prices leading to unprofitable performance, a reduced capacity utilisation of plants and, for oil and gas properties, significant downward revisions of estimated proved reserve quantities or significant increase of the estimated development and production costs. Determination as to whether and how much an asset is impaired involves management estimates on highly uncertain and complex matters such as future commodity prices, future discount rates, future development expenditure and production costs, the effects of inflation and technology improvements on operating expenses, production profiles and the outlook for global or regional market supply-and-demand conditions also with reference to the decarbonization process and the effects of changes in regulatory requirements. The definition of CGUs and the identification of their appropriate grouping for the purpose of testing for impairment the carrying amount of goodwill, corporate assets as well as common facilities within the E&P segment, require judgement by management. In particular, CGUs are identified considering, inter alia, how management monitors the entity’s operations (such as by business lines) or how management makes decisions about continuing or disposing of the entity’s assets and operations.

Similar remarks are valid for assessing the physical recoverability of assets recognised on the balance sheet (deferred costs — see also the accounting policy for “Inventories”) related to natural gas volumes not withdrawn under long-term supply contracts with take-or-pay clauses.

The expected future cash flows used for impairment analyses are based on judgemental assessments of future production volumes, prices and costs, considering available information at the date of review and are discounted by using a rate which considers the risks specific to the asset.

For oil and natural gas properties, the expected future cash flows are estimated principally based on developed and undeveloped proved reserves including, among other elements, production taxes and the costs to be incurred for the reserves yet to be developed. When appropriate according to facts and circumstances management’s estimate could also include risk-adjusted unproved reserves. The estimate of the future amount of production is based on assumptions related to future commodity prices, lifting and development costs, field decline rates, market demand and other factors. The cash flows associated to oil and gas commodities are estimated on the basis of forward market information, if there is a sufficient liquidity and reliability level, on the consensus of independent specialised analysts and on management’s forecasts about the evolution of the supply and demand fundamentals.

More details on the main assumptions underlying the determination of the recoverable amount of tangible, intangible and right-of-use assets are set out in note 14 – Impairment review of tangible and intangible assets and right-of-use assets.

Grants related to assets

Grants related to assets

Government grants related to assets are recognised by deducting them in calculating the carrying amount of the related assets when there is reasonable assurance that the Company will comply with the conditions attaching to them and the grants will be received.

Inventories

Inventories

Inventories, including compulsory stock, are measured at the lower of purchase or production cost and net realisable value. Net realisable value is the estimated selling price in the ordinary course of business less the estimated costs of completion and the estimated costs necessary to make the sale, or, with reference to inventories of crude oil and petroleum products already included in binding sale contracts, the contractual selling price. Inventories which are principally acquired with the purpose of selling in the near future and generating a profit from fluctuations in price are measured at fair value less costs to sell and any subsequent changes in fair value are recognised in the profit and loss account. Materials and other supplies held for use in production are not written down below cost if the finished products in which they will be incorporated are expected to be sold at or above cost.

The cost of inventories of hydrocarbons (crude oil, condensates and natural gas) and petroleum products is determined by applying the weighted average cost method on a three-month basis, or on a different time period (e.g. monthly), when it is justified by the use and the turnover of inventories of crude oil and petroleum products; the cost of inventories of the Chemical business is determined by applying the weighted average cost on an annual basis.

When take-or-pay clauses are included in long-term gas purchase contracts, pre-paid gas volumes that are not withdrawn to fulfill minimum annual take obligations are measured using the pricing formulas contractually defined. They are recognised under “Other assets” as “Deferred costs”, as a contra to “Trade and other payables” or, after settlement, to “Cash and cash equivalents”. The allocated deferred costs are charged to the profit and loss account: (i) when natural gas is actually withdrawn — the related cost is included in the determination of the weighted average cost of inventories; and (ii) for the portion which is not recoverable, when it is not possible to withdraw the previously pre-paid gas, within the contractually defined deadlines. Furthermore, the allocated deferred costs are tested for economic recoverability by comparing the related carrying amount and their net realisable value, determined adopting the same criteria described for inventories.

Financial instruments

Financial assets

Financial assets are classified, on the basis of both contractual cash flow characteristics and the entity’s business model for managing them, in the following categories: (i) financial assets measured at amortised cost; (ii) financial assets measured at fair value through other comprehensive income (hereinafter also OCI); (iii) financial assets measured at fair value through profit or loss.

At initial recognition, a financial asset is measured at its fair value plus, in the case of a financial asset not at fair value through profit or loss, transaction costs that are directly attributable; at initial recognition, trade receivables that do not have a significant financing component are measured at their transaction price.

After initial recognition, financial assets whose contractual terms give rise to cash flows that are solely payments of principal and interest on the principal amount outstanding are measured at amortised cost if they are held within a business model whose objective is to hold financial assets in order to collect contractual cash flows (the so-called hold to collect business model). For financial assets measured at amortised cost, interest income determined using the effective interest rate, foreign exchange differences and any impairment losses²³ (see the accounting policy for “Impairment of financial assets”) are recognised in the profit and loss account.

Conversely, financial assets that are debt instruments are measured at fair value through OCI (hereinafter also FVTOCI) if they are held within a business model whose objective is achieved by both collecting contractual cash flows and selling financial assets (the so-called hold to collect and sell business model). In these cases: (i) interest income determined using the effective interest rate, foreign exchange differences and any impairment losses (see the accounting policy for “Impairment of financial assets”) are recognised in the profit and loss account; (ii) changes in fair value of the instruments are recognised in equity, within other comprehensive income. The accumulated changes in fair value, recognised in the equity reserve related to other comprehensive income, is reclassified to the profit and loss account when the financial asset is derecognised. Currently the Group does not have any financial assets measured at fair value through OCI.

A financial asset represented by a debt instrument that is neither measured at amortised cost nor at FVTOCI, is measured at fair value through profit or loss (hereinafter FVTPL); financial assets held for trading fall into this category. Interest income on assets held for trading contributes to the fair value measurement of the instrument and is recognised in “Finance income (expense)”, within “Net finance income (expense) from financial assets held for trading”.

When the purchase or sale of a financial asset is under a contract whose terms require delivery of the asset within the time frame established generally by regulation or convention in the marketplace concerned, the transaction is accounted for on the settlement date.

Cash and cash equivalents

Cash and cash equivalents include cash on hand, demand deposits, as well as financial assets originally due, generally, up to three months, readily convertible to known amount of cash and subject to an insignificant risk of changes in value.

Impairment of financial assets

The expected credit loss model is adopted for the impairment of financial assets that are debt instruments, but are not measured at FVTPL.²⁴

In particular, the expected credit losses are generally measured by multiplying: (i) the exposure to the counterparty’s credit risk net of any collateral held and other credit enhancements (Exposure At Default, EAD); (ii) the probability that the default of the counterparty occurs (Probability of Default, PD); and (iii) the percentage estimate of the exposure that will not be recovered in case of default (Loss Given Default, LGD), considering the past experiences and the range of recovery tools that can be activated (e.g. extrajudicial and/or legal proceedings, etc.).

With reference to trade and other receivables, Probabilities of Default of counterparties are determined by adopting the internal credit ratings already used for credit worthiness and are periodically reviewed using, inter alia, back-testing analyses; for government entities (e.g. National Oil Companies), the Probability of Default, represented essentially by the probability of a delayed payment, is determined by using, as input data, the country risk premium adopted to determine WACC for the impairment review of non-financial assets.

For customers without internal credit ratings, the expected credit losses are measured by using a provision matrix, defined by grouping, where appropriate, receivables into adequate clusters to which apply expected loss rates defined on the basis of their historical credit loss experiences, adjusted, where appropriate, to take into account forward-looking information on credit risk of the counterparty or clusters of counterparties.²⁵

Considering the characteristics of the reference markets, financial assets with more than 180 days past due or, in any case, with counterparties undergoing litigation, restructuring or renegotiation, are considered to be in default. Counterparties are considered undergoing litigation when judicial/legal proceedings aimed to recover a receivable have been activated or are going to be activated. Impairment losses of trade and other receivables are recognised in the profit and loss account, net of any impairment reversal, within the line item of the profit and loss account “Net (impairment losses) reversals of trade and other receivables”.

The financing receivables held for operating purposes, granted to associates and joint ventures, for which settlement is neither planned nor likely to occur in the foreseeable future and which in substance form part of the entity’s net investment in these investees, are tested for impairment, first, on the basis of the expected credit loss model and, then, together with the carrying amount of the investment in the associate/joint venture, in accordance with the criteria indicated in the accounting policy for “The equity method of accounting”. In applying the expected credit loss model, any adjustments to the carrying amount of long-term interest that arise from applying the accounting policy for “The equity method of accounting” are not taken into account.

Significant accounting estimates and judgements: impairment of financial assets

	<p>Measuring impairment losses of financial assets requires management evaluation of complex and highly uncertain elements such as, for example, Probabilities of Default of counterparties, the assessment of any collateral or other credit enhancements, the expected exposure that will not be recovered in case of default, as well as the definition of customers' clusters to be adopted.</p> <p>Further details on the main assumptions underlying the measurement of expected credit losses of financial assets are provided in note 7 – Trade and other receivables.</p> <p>Investments in equity instruments</p> <p>Investments in equity instruments that are not held for trading are measured at fair value through other comprehensive income, without subsequent transfer of fair value changes to profit or loss on derecognition of these investments; conversely, dividends from these investments are recognised in the profit and loss account, within the line item “Income (Expense) from investments”, unless they clearly represent a recovery of part of the cost of the investment. In limited circumstances, an investment in equity instruments can be measured at cost if it is an appropriate estimate of fair value.</p> <p>Financial liabilities</p> <p>At initial recognition, financial liabilities, other than derivative financial instruments, are measured at their fair value, minus transaction costs that are directly attributable, and are subsequently measured at amortised cost.</p> <hr/> <p>²³ Receivables and other financial assets measured at amortised cost are presented on the balance sheet net of their loss allowance.</p> <p>²⁴ The expected credit loss model is also adopted for issued financial guarantee contracts not measured at FVTPL. Expected credit losses recognised on issued financial guarantees are not material.</p> <p>²⁵ For credit exposures arising from intragroup transactions, the recovery rate is normally assumed equal to 100% taking into account, inter alia, the Group central treasury function which supports both financial and capital needs of subsidiaries.</p>
Derivative financial instruments and hedge accounting	<p>Derivative financial instruments and hedge accounting</p> <p>Derivative financial instruments, including embedded derivatives (see below) that are separated from the host contract, are assets and liabilities measured at their fair value.</p> <p>With reference to the defined risk management objectives and strategy, the qualifying criteria for hedge accounting requires: (i) the existence of an economic relationship between the hedged item and the hedging instrument in order to offset the related value changes and the effects of counterparty credit risk do not dominate the economic relationship between the hedged item and the hedging instrument; and (ii) the definition of the relationship between the quantity of the hedged item and the quantity of the hedging instrument (the so-called hedge ratio) consistent with the entity’s risk management objectives, under a defined risk management strategy; the hedge ratio is adjusted, where appropriate, after taking into account any adequate rebalancing. A hedging relationship is discontinued prospectively, in its entirety or a part of it, when it no longer meets the risk management objectives on the basis of which it qualified for hedge accounting, it ceases to meet the other qualifying criteria or after rebalancing it.</p> <p>When derivatives hedge the risk of changes in the fair value of the hedged items (fair value hedge, e.g. hedging of the variability in the fair value of fixed interest rate assets/liabilities), the derivatives are measured at fair value through profit and loss account. Consistently, the carrying amount of the hedged item is adjusted to reflect, in the profit and loss account, the changes in fair value of the hedged item attributable to the hedged risk; this applies even if the hedged item should be otherwise measured.</p> <p>When derivatives hedge the exposure to variability in cash flows of the hedged items (cash flow hedge, e.g. hedging the variability in the cash flows of assets/liabilities as a result of the fluctuations of exchange rate), the effective changes in the fair value of the derivatives are initially recognised in the equity reserve related to other comprehensive income and then reclassified to the profit and loss account in the same period during which the hedged transaction affects the profit and loss account.</p> <p>If a hedged forecast transaction subsequently results in the recognition of a non-financial asset or a non-financial liability, the accumulated changes in fair value of hedging derivatives, recognised in equity, are included directly in the carrying amount of the hedged non-financial asset/liability (commonly referred to as a “basis adjustment”).</p> <p>The changes in the fair value of derivatives that are not designated as hedging instruments, including any ineffective portion of changes in fair value of hedging derivatives, are recognised in the profit and loss account. In particular, the changes in the fair value of non-hedging derivatives on interest rates and exchange rates are recognised in the profit and loss account line item “Finance income (expense)”; conversely, the changes in the fair value of non-hedging derivatives on commodities are recognised in the profit and loss account line item “Other operating (expense) income”. Derivatives embedded in financial assets are not accounted for separately; in such circumstances, the entire hybrid instrument is classified depending on the contractual cash flow characteristics of the financial instrument and the business model for managing it (see the accounting policy for “Financial assets”). Derivatives embedded in financial liabilities and/or non-financial assets are separated if: (i) the economic characteristics and risks of the embedded derivative are not closely related to the economic characteristics and risks of the host contract; (ii) a separate instrument with the same terms as the embedded derivative would meet the definition of a derivative; and (iii) the entire hybrid contract is not measured at FVTPL.</p> <p>Eni assesses the existence of embedded derivatives to be separated when it becomes party to the contract and, afterwards, when a change in the terms of the contract that modifies its cash flows occurs.</p> <p>Contracts to buy or sell commodities entered into and continued to be held for the purpose of their receipt or delivery in accordance with the Group’s expected purchase, sale or usage requirements are recognised on an accrual basis (the so-called normal sale and normal purchase exemption or own use exemption).</p>

Offsetting of financial assets and liabilities	<p>Offsetting of financial assets and liabilities</p> <p>Financial assets and liabilities are set off on the balance sheet if the Group currently has a legally enforceable right to set off and intends to settle on a net basis (or to realise the asset and settle the liability simultaneously).</p>
Derecognition of financial assets and liabilities	<p>Derecognition of financial assets and liabilities</p> <p>Transferred financial assets are derecognised when the contractual rights to receive the cash flows from the financial assets expire or are transferred to another party. Financial liabilities are derecognised when they are extinguished, or when the obligation specified in the contract is discharged, cancelled or expired.</p>
Provisions, contingent liabilities and contingent assets	<p>Provisions, contingent liabilities and contingent assets</p> <p>A provision is a liability of uncertain timing or amount on the balance sheet date. Provisions are recognised when: (i) there is a present obligation, legal or constructive, as a result of a past event; (ii) it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation; and (iii) the amount of the obligation can be reliably estimated. The amount recognised as a provision is the best estimate of the expenditure required to settle the present obligation or to transfer it to third parties at the balance sheet date. The amount recognised for onerous contracts is the lower of the cost necessary to fulfill the obligations, net of expected economic benefits deriving from the contracts, and any compensation or penalties arising from failure to fulfill these obligations. Where the effect of the time value is material, and the payment date of the obligations can be reasonably estimated, provisions to be accrued are the present value of the expenditures expected to be required to settle the obligation at a discount rate that reflects the Company’s average borrowing rate taking into account the risks associated with the obligation. The change in provisions due to the passage of time is recognised within “Finance income (expense)”.</p> <p>A provision for restructuring costs is recognised only when the Company has a detailed formal plan for the restructuring and has raised a valid expectation in the affected parties that it will carry out the restructuring.</p> <p>Provisions are periodically reviewed and adjusted to reflect changes in the estimates of costs, timing and discount rates. Changes in provisions are recognised in the same profit and loss account line item where the original provision was charged.</p> <p>Contingent liabilities are: (i) possible obligations arising from past events, whose existence will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the Company; or (ii) present obligations arising from past events, whose amount cannot be reliably measured or whose settlement will probably not result in an outflow of resources embodying economic benefits. Contingent liabilities are not recognised in the financial statements, but are disclosed.</p> <p>Contingent assets, that are possible assets arising from past events and whose existence will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the Company, are not recognised in financial statements unless the realisation of economic benefits is virtually certain. Contingent assets are disclosed when an inflow of economic benefits is probable. Contingent assets are assessed periodically to ensure that developments are appropriately reflected in the financial statements.</p> <p>Decommissioning and restoration liabilities</p> <p>Liabilities for decommissioning and restoration costs are recognized, together with a corresponding amount as part of the related property, plant and equipment, when the Group has a legal or constructive obligation and when a reliable estimate can be made.</p> <p>Considering the long time span between the recognition of the obligation and its settlement, the amount recognised is the present value of the future expenditures expected to be required to settle the obligation. Any change due to the unwinding of discount on provisions is recognised within “Finance income (expense)”.</p> <p>Such liabilities are reviewed regularly to take into account the changes in the expected costs to be incurred, contractual obligations, regulatory requirements and practices in force in the countries where the tangible assets are located.</p> <p>The effects of any changes in the estimate of the liability are recognised generally as an adjustment to the carrying amount of the related property, plant and equipment; however, if the resulting decrease in the liability exceeds the carrying amount of the related asset, the excess is recognised in the profit and loss account.</p> <p>Analogous approach is adopted for present obligations to realise social projects related to operating activities carried out by the Company.</p> <p>Significant accounting estimates and judgements: decommissioning and restoration liabilities, environmental liabilities and other provisions</p> <p>The Group holds provisions for dismantling and removing items of property, plant and equipment, and restoring land or seabed at the end of the oil and gas production activity. Estimating obligations to dismantle, remove and restore items of property, plant and equipment is complex. It requires management to make estimates and judgements with respect to removal obligations that will come to term many years into the future and contracts and regulations are often unclear as to what constitutes removal. In addition, the ultimate financial impact of environmental laws and regulations is not always clearly known as asset removal technologies and costs constantly evolve in the countries where Eni operates, as do political, environmental, safety and public expectations.</p> <p>The discount rate used to determine the provision and the timing of future cash outflows, as well as any related update, are based on complex managerial judgements.</p>

	<p>Decommissioning and restoration provisions, recognised in the financial statements, include, essentially, the present value of the expected costs for decommissioning oil and natural gas facilities at the end of the economic lives of fields, well-plugging, abandonment and site restoration of the Exploration & Production segment. Any decommissioning and restoration provisions associated with the other segments' assets are generally not recognised, as the obligations, given their indeterminate settlement dates, also considering the strategy to reconvert plants in order to produce low carbon products, cannot be reliably measured. In this regard, Eni performs periodic reviews for any changes in facts and circumstances that might require recognition of a decommissioning and restoration provision.</p> <p>As other oil and gas companies, Eni is subject to numerous EU, national, regional and local environmental laws and regulations concerning its oil and gas operations, production and other activities. They include legislations that implement international conventions or protocols. Environmental liabilities are recognised when it becomes probable that an outflow of resources will be required to settle the obligation and such obligation can be reliably estimated.²⁶</p> <p>Management, considering the actions already taken, insurance policies obtained to cover environmental risks and provisions already recognised, does not expect any material adverse effect on Eni's consolidated results of operations and financial position as a result of such laws and regulations. However, there can be no assurance that there will not be a material adverse impact on Eni's consolidated results of operations and financial position due to: (i) the possibility of an unknown contamination; (ii) the results of the ongoing surveys and other possible effects of statements required by applicable laws; (iii) the possible effects of future environmental legislations and rules; (iv) the effects of possible technological changes relating to future remediation; and (v) the possibility of litigation and the difficulty of determining Eni's liability, if any, against other potentially responsible parties with respect to such litigations and the possible reimbursements.</p> <p>In addition to environmental and decommissioning and restoration liabilities, Eni recognises provisions primarily related to legal and trade proceedings. These provisions are estimated on the basis of complex managerial judgements related to the amounts to be recognised and the timing of future cash outflows. After the initial recognition, provisions are periodically reviewed and adjusted to reflect the current best estimate.</p> <p>²⁶ With reference to the environmental liabilities assumed, the expected operating costs to be incurred for managing groundwater treatment plants are not included in the estimates of environmental liabilities because it is not possible to reliably define a time horizon within which the operations of the plant will be terminated. In this regard, Eni performs periodic reviews for any changes in facts and circumstances, including changes in regulatory framework and technology, that might require the recognition of the environmental liability.</p>
Employee benefits	<p>Employee benefits</p> <p>Employee benefits are considerations given by the Group in exchange for service rendered by employees or for the termination of employment.</p> <p>Post-employment benefit plans, including informal arrangements, are classified as either defined contribution plans or defined benefit plans depending on the economic substance of the plan as derived from its principal terms and conditions. Under defined contribution plans, the Company's obligation, which consists in making payments to the State or to a trust or a fund, is determined on the basis of contributions due.</p> <p>The liabilities related to defined benefit plans, net of any plan assets, are determined on the basis of actuarial assumptions and charged on an accrual basis during the employment period required to obtain the benefits.</p> <p>Net interest includes the return on plan assets and the interest cost to be recognised in the profit and loss account. Net interest is measured by applying to the liability, net of any plan assets, the discount rate used to calculate the present value of the liability; net interest of defined benefit plans is recognised in "Finance income (expense)".</p> <p>Remeasurements of the net defined benefit liability, comprising actuarial gains and losses, resulting from changes in the actuarial assumptions used or from changes arising from experience adjustments, and the return on plan assets excluding amounts included in net interest, are recognised within the statement of comprehensive income. Remeasurements of the net defined benefit liability, recognised within other comprehensive income, are not reclassified subsequently to the profit and loss account.</p> <p>Obligations for long-term benefits are determined by adopting actuarial assumptions. The effects of remeasurements are taken to profit and loss account in their entirety.</p>
Share-based payments	<p>Share-based payments</p> <p>The line item "Payroll and related costs" includes the cost of the share-based incentive plan, consistent with its actual remunerative nature. The cost of the share-based incentive plan is measured by reference to the fair value of the equity instruments granted and the estimate of the number of shares that eventually vest; the cost is recognised on an accrual basis pro rata temporis over the vesting period, that is the period between the grant date and the settlement date. The fair value of the shares underlying the incentive plan is measured at the grant date, taking into account the estimate of achievement of market conditions (e.g. Total Shareholder Return), and is not adjusted in subsequent periods; when the achievement is linked also to non-market conditions, the number of shares expected to vest is adjusted during the vesting period to reflect the updated estimate of these conditions. If, at the end of the vesting period, the incentive plan does not vest because of failure to satisfy the performance conditions, the portion of cost related to market conditions is not reversed to the profit and loss account.</p> <p>Significant accounting estimates and judgements: employee benefits and share-based payments</p> <p>Defined benefit plans are evaluated with reference to uncertain events and based upon actuarial assumptions including, among others, discount rates, expected rates of salary increases, mortality</p>

	<p>rates, estimated retirement dates and medical cost trends. The significant assumptions used to account for defined benefit plans are determined as follows: (i) discount and inflation rates are based on the market yields on high quality corporate bonds (or, in the absence of a deep market of these bonds, on the market yields on government bonds) and on the expected inflation rates in the reference currency area; (ii) the future salary levels of the individual employees are determined including an estimate of future changes attributed to general price levels (consistent with inflation rate assumptions), productivity, seniority and promotion; (iii) healthcare cost trend assumptions reflect an estimate of the actual future changes in the cost of the healthcare related benefits provided to the plan participants and are based on past and current healthcare cost trends, including healthcare inflation, changes in healthcare utilisation, changes in health status of the participants and the contributions paid to health funds; and (iv) demographic assumptions such as mortality, disability and turnover reflect the best estimate of these future events for individual employees involved.</p> <p>Differences in the amount of the net defined benefit liability (asset), deriving from the remeasurements, comprising, among others, changes in the current actuarial assumptions, differences in the previous actuarial assumptions and what has actually occurred and differences in the return on plan assets, excluding amounts included in net interest, usually occur. Similar to the approach followed for the fair value measurement of financial instruments, the fair value of the shares underlying the incentive plans is measured by using complex valuation techniques and identifying, through structured judgements, the assumptions to be adopted.</p>
Equity instruments	<p>Equity instruments</p> <p>Treasury shares</p> <p>Treasury shares, including shares held to meet the future requirements of the share-based incentive plans, are recognised as deductions from equity at cost. Any gain or loss resulting from subsequent sales is recognised in equity.</p> <p>Hybrid bonds</p> <p>The perpetual subordinated hybrid bonds are classified in the financial statements as equity instruments considering that the issuer has the unconditional right to defer, until the date of its own liquidation, the repayment of the principal amount and the payment of accrued interest²⁷. Therefore, the issuer recognises the cash received from the bondholders, net of costs incurred in issuing the hybrid bonds, as an increase in Eni owners' equity; differently, the repayments of the principal amount and the payments of accrued interest (upon the arising of the related contractual payment obligation) are accounted for as a decrease in Eni owners' equity.</p> <p>²⁷ The payment of accrued interest is required upon the occurrence of events under the issuer’s control such as, for example, a distribution of dividends to shareholders.</p>
Revenue from contracts with customers	<p>Revenue from contracts with customers</p> <p>Revenue from contracts with customers is recognised on the basis of the following five steps: (i) identifying the contract with the customer; (ii) identifying the performance obligations, that are promises in a contract to transfer goods and/or services to a customer; (iii) determining the transaction price; (iv) allocating the transaction price to each performance obligation on the basis of the relative stand-alone selling prices of each good or service; and (v) recognising revenue when (or as) a performance obligation is satisfied, that is when a promised good or service is transferred to a customer. A promised good or service is transferred when (or as) the customer obtains control of it. Control can be transferred over time or at a point in time. With reference to the most important products sold by Eni, revenue is generally recognised for:</p> <ul style="list-style-type: none">● crude oil, upon shipment;● natural gas and electricity, upon delivery to the customer;● petroleum products sold to retail distribution networks, upon delivery to the service stations, whereas all other sales of petroleum products are recognised upon shipment; and● chemical products and other products, upon shipment. <p>Revenue from crude oil and natural gas production from properties in which Eni has an interest together with other producers is recognised on the basis of the quantities actually lifted and sold (sales method); costs are recognised on the basis of the quantities actually sold.</p> <p>Revenue is measured at the fair value of the consideration to which the Company expects to be entitled in exchange for transferring promised goods and/or services to a customer, excluding amounts collected on behalf of third parties. In determining the transaction price, the promised amount of consideration is adjusted for the effects of the time value of money if the timing of payments agreed to by the parties to the contract provides the customer or the entity with a significant benefit of financing the transfer of goods or services to the customer. The promised amount of consideration is not adjusted for the effect of the significant financing component if, at contract inception, it is expected that the period between the transfer of a promised good or service to a customer and when the customer pays for that good or service will be one year or less. If the consideration promised in a contract includes a variable amount, the Company estimates the amount of consideration to which it will be entitled in exchange for transferring the promised goods and/or services to a customer; in particular, the amount of consideration can vary because of discounts, refunds, incentives, price concessions, performance bonuses, penalties or if the price is contingent on the occurrence or non-occurrence of future events.</p> <p>If, in a contract, the Company grants a customer the option to acquire additional goods or services for free or at a discount (e.g. sales incentives, customer award points, etc.), this option gives rise</p>

	<p>to a separate performance obligation in the contract only if the option provides a material right to the customer that it would not receive without entering into that contract.</p> <p>When goods or services are exchanged for goods or services which are of a similar nature and value, the exchange is not regarded as a transaction which generates revenue.</p> <p>Significant accounting estimates and judgements: revenue from contracts with customers</p> <p>Revenue from sales of electricity and gas to retail customers includes the amount accrued for electricity and gas supplied between the date of the last invoiced meter reading (actual or estimated) of volumes consumed and the end of the year. These estimates consider mainly information provided by the grid managers about the volumes allocated among the customers of the secondary distribution network, about the actual and estimated volumes consumed by customers. Therefore, revenue is accrued as a result of a complex estimate based on the volumes distributed and allocated, communicated by third parties, likely to be adjusted, according to applicable regulations, within the fifth year following the one in which they are accrued. Considering the contractual obligations on the supply delivery points, revenue from sales of electricity and gas to retail customers includes costs for transportation and dispatching and in these cases the gross amount of consideration to which the Company is entitled is recognised.</p>
Costs	<p>Costs</p> <p>Costs are recognised when the related goods and services are sold or consumed during the year, when they are allocated on a systematic basis or when their future economic benefits cannot be identified. Costs associated with emission quotas, incurred to meet the compliance requirements (e.g. Emission Trading Scheme) determined on the basis of market prices, are recognised in relation to the amounts of the carbon dioxide emissions that exceed free allowances. Costs related to the purchase of the emission rights that exceed the amount necessary to meet regulatory obligations are recognised as intangible assets. Revenue related to emission quotas is recognised when they are sold. The costs incurred on a voluntary basis for the acquisition or production of forestry certificates, also taking into account the absence of an active market, are recognised in the profit and loss account when incurred.</p> <p>The costs for the acquisition of new knowledge or discoveries, the study of products or alternative processes, new techniques or models, the planning and construction of prototypes or, in any case, costs incurred for other scientific research activities or technological development, which cannot be capitalised (see also the accounting policy for “Intangible assets”), are included in the profit and loss account when they are incurred.</p>
Exchange differences	<p>Exchange differences</p> <p>Revenues and costs associated with transactions in foreign currencies are translated into the functional currency by applying the exchange rate at the date of the transaction. Monetary assets and liabilities denominated in foreign currencies are translated into the functional currency at the spot exchange rate on the balance sheet date and any resulting exchange differences are included in the profit and loss account within “Finance income (expense)” or, if designated as hedging instruments for the foreign currency risk, in the same line item in which the economic effects of the hedged item are recognised. Non-monetary assets and liabilities denominated in foreign currencies, measured at cost, are not retranslated subsequent to initial recognition. Non-monetary items measured at fair value, recoverable amount or net realisable value are retranslated using the exchange rate at the date when the value is determined.</p>
Dividends	<p>Dividends</p> <p>Dividends are recognised when the right to receive payment of the dividend is established.</p> <p>Dividends and interim dividends to owners are shown as changes in equity when the dividends are declared by, respectively, the shareholders’ meeting and the Board of Directors.</p>
Income taxes	<p>Income taxes</p> <p>Current income taxes are determined on the basis of estimated taxable profit. Current income tax assets and liabilities are measured at the amount expected to be paid to (recovered from) the taxation authorities, using tax rates and the tax laws that have been enacted or substantively enacted by the end of the reporting period.</p> <p>Deferred tax assets and liabilities are recognised for temporary differences arising between the carrying amounts of the assets and liabilities and their tax bases, based on tax rates and tax laws that are expected to apply to the period when the asset is realised or the liability is settled, based on tax rates and tax laws that have been enacted or substantively enacted by the end of the reporting period. Deferred tax assets are recognised when their recoverability is considered probable, i.e. when it is probable that sufficient taxable profit will be available in the same year as the reversal of the deductible temporary difference. Similarly, deferred tax assets for the carry-forward of unused tax credits and unused tax losses are recognised to the extent that their recoverability is probable. The carrying amount of the deferred tax assets is reviewed, at least, on an annual basis.</p> <p>If there is uncertainty over income tax treatments, if the company concludes it is probable that the taxation authority will accept an uncertain tax treatment, it determines the (current and/or deferred) income taxes to be recognised in the financial statements consistent with the tax treatment used or planned to be used in its income tax filings. Conversely, if the company concludes it is not probable that the taxation authority will accept an uncertain tax treatment, the company reflects the effect of uncertainty in determining the (current and/or deferred) income taxes to be recognised in the financial statements.</p> <p>Relating to the taxable temporary differences associated with investments in subsidiaries and associates, and interests in joint arrangements, the related deferred tax liabilities are not recognised if</p>

	<p>the investor is able to control the timing of the reversal of the temporary differences and it is probable that the temporary differences will not reverse in the foreseeable future. Deferred tax assets and liabilities are presented within non-current assets and liabilities and are offset at a single entity level if related to off-settable taxes. The balance of the offset, if positive, is recognised in the line item “Deferred tax assets” and, if negative, in the line item “Deferred tax liabilities”. When the results of transactions are recognised in other comprehensive income or directly in equity, the related current and deferred taxes are also recognised in other comprehensive income or directly in equity.</p> <p>Significant accounting estimates and judgements: income taxes</p> <p>The computation of income taxes involves the interpretation of applicable tax laws and regulations in many jurisdictions throughout the world. Although Eni aims to maintain a relationship with the taxation authorities characterised by transparency, dialogue and cooperation (e.g. by not using aggressive tax planning and by using, if available, procedures intended to eliminate or reduce tax litigations), there can be no assurance that there will not be a tax litigation with the taxation authorities where the legislation could be open to more than one interpretation. The resolution of tax disputes, through negotiations with relevant taxation authorities or through litigation, could take several years to complete. The estimate of liabilities related to uncertain tax treatments requires complex judgements by management. After the initial recognition, these liabilities are periodically reviewed for any changes in facts and circumstances.</p> <p>Management makes complex judgements regarding mainly the assessment of the recoverability of deferred tax assets, related both to deductible temporary differences and unused tax losses, which requires estimates and evaluations about the amount and the timing of future taxable profits.</p>
Assets held for sale and discontinued operations	<p>Assets held for sale and discontinued operations</p> <p>Non-current assets and current and non-current assets included within disposal groups, are classified as held for sale if their carrying amounts will be recovered principally through a sale transaction rather than through their continuing use. This condition is regarded as met only when the sale is highly probable and the asset or the disposal group is available for immediate sale in its present condition. When there is a sale plan involving loss of control of a subsidiary, all the assets and liabilities of that subsidiary are classified as held for sale, regardless of whether a non-controlling interest in its former subsidiary will be retained after the sale.</p> <p>Non-current assets held for sale, current and non-current assets included within disposal groups that have been classified as held for sale and the liabilities directly associated with them are recognised on the balance sheet separately from other assets and liabilities.</p> <p>Immediately before the initial classification of a non-current asset and/or a disposal group as held for sale, the non-current asset and/or the assets and liabilities in the disposal group are measured in accordance with applicable IFRSs. Subsequently, non-current assets held for sale are not depreciated or amortised and they are measured at the lower of the fair value less costs to sell and their carrying amount. If an equity-accounted investment, or a portion of that investment meets the criteria to be classified as held for sale, it is no longer accounted for using the equity method and it is measured at the lower of its carrying amount at the date the equity method is discontinued, and its fair value less costs to sell. Any retained portion of the equity-accounted investment that has not been classified as held for sale is accounted for using the equity method until disposal of the portion that is classified as held for sale takes place.</p> <p>Any difference between the carrying amount of the non-current assets and the fair value less costs to sell is taken to the profit and loss account as an impairment loss; any subsequent reversal is recognised up to the cumulative impairment losses, including those recognised prior to qualification of the asset as held for sale. Non-current assets classified as held for sale and disposal groups are considered a discontinued operation if they, alternatively: (i) represent a separate major line of business or geographical area of operations; (ii) are part of a disposal program of a separate major line of business or geographical area of operations; or (iii) are a subsidiary acquired exclusively with a view to resale. The results of discontinued operations, as well as any gain or loss recognised on the disposal, are indicated in a separate line item of the profit and loss account, net of the related tax effects; the economic figures of discontinued operations are indicated also for prior periods presented in the financial statements.</p> <p>If events or circumstances occur that no longer allow to classify a non-current asset or a disposal group as held for sale, the non-current asset or the disposal group is reclassified into the original line items of the balance sheet and measured at the lower of: (i) its carrying amount at the date of classification as held for sale adjusted for any depreciation, amortisation, impairment losses and reversals that would have been recognised had the asset or disposal group not been classified as held for sale, and (ii) its recoverable amount at the date of the subsequent decision not to sell.</p>
Fair value measurements	<p>Fair value measurements</p> <p>Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants (not in a forced liquidation or a distress sale) at the measurement date (exit price). Fair value measurement is based on the market conditions existing at the measurement date and on the assumptions of market participants (market-based measurement). A fair value measurement assumes that the transaction to sell the asset or transfer the liability takes place in the principal market for the asset or liability, or in the absence of a principal market, in the most advantageous market to which the entity has access, independently from the entity’s intention to sell the asset or transfer the liability to be measured.</p> <p>A fair value measurement of a non-financial asset takes into account a market participant’s ability to generate economic benefits by using the asset in its highest and best use or by selling it to another market participant that would use the asset in its highest and best use. Highest and best use is determined from the perspective of market participants, even if the entity intends a different use; an entity’s current use of a non-financial asset is presumed to be its highest and best use, unless market or other factors suggest that a different use by market participants would maximise the value of the asset.</p> <p>The fair value of a liability, both financial and non-financial, or of the Company’s own equity instrument, in the absence of a quoted price, is measured from the perspective of a market participant that holds the identical item as an asset at the measurement date. The fair value of financial instruments takes into account the counterparty’s credit risk for a financial asset (Credit Valuation Adjustment, CVA) and the Company’s own credit risk for a financial liability (Debit Valuation Adjustment, DVA).</p>

In the absence of available market quotation, fair value is measured by using valuation techniques that are appropriate in the circumstances, maximising the use of relevant observable inputs and minimising the use of unobservable inputs.

Significant accounting estimates and judgements: fair value

Fair value measurement, although based on the best available information and on the use of appropriate valuation techniques, is inherently uncertain, requires the use of professional judgement and could result in expected values other than the actual ones.

Significant accounting policies, estimates and judgements (Tables)	12 Months Ended					
	Dec. 31, 2020					
Significant accounting policies, estimates and judgements						
Schedule of foreign exchange rates used to translate the financial statements into Parent's functional currency	The main foreign exchange rates used to translate the financial statements into the parent's functional currency are indicated below:					
	Annual average exchange rate	Exchange rate at December 31, 2020	Annual average exchange rate 2019	Exchange rate at December 31, 2019	Annual average exchange rate 2018	Exchange rate at December 31, 2018
(currency amount for 1 €)	2020	2020	2019	2019	2018	2018
U.S. Dollar	1.14	1.23	1.12	1.12	1.18	1.15
Pound Sterling	0.89	0.90	0.88	0.85	0.88	0.89
Australian Dollar	1.66	1.59	1.61	1.60	1.58	1.62

Financial assets held for trading (Tables) - Financial assets held for trading	12 Months Ended				
	Dec. 31, 2020				
Financial assets					
Disclosure of financial assets held for trading	(€million)	December 31, 2020	December 31, 2019		
	Bonds issued by sovereign states	1,223	1,462		
	Other	4,279	5,298		
		5,502	6,760		
Schedule of financial assets held for trading including securities subject to lending in multiple currencies	The breakdown by currency is provided below:				
	(€million)	December 31, 2020	December 31, 2019		
	Euro	3,731	4,272		
	U.S. dollars	1,688	2,279		
	Other currencies	83	209		
		5,502	6,760		
Schedule of financial assets held for trading by issuing entity and credit rating	(€million)	December 31, 2020	December 31, 2019		
	Euro	3,731	4,272		
	U.S. dollars	1,688	2,279		
	Other currencies	83	209		
		5,502	6,760		
	The breakdown by issuing entity and credit rating is presented below:				
	Nominal value (€million)	Fair Value (€million)	Rating - Moody's	Rating - S&P	
Quoted bonds issued by sovereign states					
Fixed rate bonds					
	Italy	499	506	Baa3	BBB
	Chile	187	192	A1	A+
	Other ^(*)	168	172	from Aaa to Baa1	from AAA to A-
		854	870		
Floating rate bonds					
	Italy	253	255	Baa3	BBB
	Germany	56	55	Aaa	AAA
	Other	43	43	from Aaa to Baa3	from AA+ to BBB
		352	353		
Total quoted bonds issued by sovereign states					
1,206 1,223					
Other Bonds					
Fixed rate bonds					
	Quoted bonds issued by industrial companies	974	992	from Aa2 to Baa3	from AA to BBB-
	Quoted bonds issued by financial and insurance companies	893	910	from Aa1 to Baa3	from AA+ to BBB-
	Other bonds	54	55	from Aaa to Baa3	from AAA to BBB-
		1,921	1,957		
Floating rate bonds					
	Quoted bonds issued by industrial companies	791	787	from Aa1 to Baa3	from AA+ to BBB-
	Quoted bonds issued by financial and insurance companies	1,298	1,301	from Aa1 to Baa3	from AA+ to BBB-
	Other bonds	234	234	from Aaa to Baa3	from AAA to BBB-
		2,323	2,322		

Total other bonds	4,244	4,279		
Total other financial assets held for trading	5,450	5,502		

(*) Amounts included herein are lower than €0 million.

Trade and other receivables (Tables)	12 Months Ended						
	Dec. 31, 2020						
Trade and other receivables							
Schedule of analysis of trade and other receivables	(€million)	December 31, 2020		December 31, 2019			
	Trade receivables	7,087		8,519			
	Receivables from divestments	21		30			
	Receivables from joint ventures in exploration and production activities	2,293		2,637			
	Other receivables	1,525		1,687			
		10,926		12,873			
Schedule of credit risk exposure and expected losses relating to trade and other receivables based on internal ratings	Credit risk exposure and expected losses relating to trade and other receivables has been prepared on the basis of internal ratings as follows:						
	(€million)	Performing receivables			Defaulted receivables	Eni gas e luce customers	Total
	December 31, 2020	Low risk	Medium Risk	High Risk			
	Business customers	1,398	2,746	432	1,351		5,927
	National Oil Companies and public administrations	841	620	7	2,653		4,121
	Other counterparties	1,243	450	28	141	2,173	4,035
	Gross amount	3,482	3,816	467	4,145	2,173	14,083
	Allowance for doubtful accounts	(32)	(21)	(29)	(2,429)	(646)	(3,157)
	Net amount	3,450	3,795	438	1,716	1,527	10,926
	Expected loss (% net of counterpart risk mitigation factors)	0.9	0.6	6.2	58.6	29.7	22.4
	December 31, 2019						
	Business customers	1,922	2,882	840	1,396		7,040
	National Oil Companies and public administrations	1,201	472	244	2,710		4,627
	Other counterparties	1,646	103	381	217	2,105	4,452
	Gross amount	4,769	3,457	1,465	4,323	2,105	16,119
	Allowance for doubtful accounts	(13)	(4)	(16)	(2,547)	(666)	(3,246)
	Net amount	4,756	3,453	1,449	1,776	1,439	12,873
	Expected loss (% net of counterpart risk mitigation factors)	0.3	0.1	1.1	58.9	31.6	20.1
Schedule of provision matrix							
	(€million)	Ageing					Total
	December 31, 2020	Not-past due	from 0 to 3 months	from 3 to 6 months	from 6 to 12 months	over 12 months	
	Customers - Eni gas e luce:						
	- Retail	1,155	105	50	102	366	1,778
	- Middle	75	16	3	8	232	334
	- Other	61					61
	Gross amount	1,291	121	53	110	598	2,173
	Allowance for doubtful accounts	(46)	(23)	(22)	(57)	(498)	(646)
	Net amount	1,245	98	31	53	100	1,527
	Expected loss (%)	3.6	19.0	41.5	51.8	83.3	29.7
	December 31, 2019						
	Customers - Eni gas e luce:						
	- Retail	991	105	60	86	376	1,618
	- Middle	93	29	4	14	263	403
	- Other	76	3	1	2	2	84
	Gross amount	1,160	137	65	102	641	2,105
	Allowance for doubtful accounts	(16)	(27)	(26)	(49)	(548)	(666)

Net amount	1,144	110	39	53	93	1,439
Expected loss (%)	1.4	19.7	40.0	48.0	85.5	31.6

Schedule of trade and other receivables net of valuation allowance for doubtful accounts

(€million)	2020	2019
Allowance for doubtful accounts - beginning of the year	3,246	3,150
Additions on trade and other performing receivables	112	95
Additions on trade and other defaulted receivables	231	525
Deductions on trade and other performing receivables	(82)	(119)
Deductions on trade and other defaulted receivables	(275)	(484)
Other changes	(75)	79
Allowance for doubtful accounts - end of the year	3,157	3,246

Schedule of net (impairment losses) reversals of trade and other receivables

Net (impairment losses) reversals of trade and other receivables are disclosed as follows:

(€million)	2020	2019	2018
Net (impairment losses) reversals of trade and other receivables			
New or increased provisions	(343)	(620)	(498)
Net credit losses	(36)	(45)	(37)
Reversals	153	233	120
	(226)	(432)	(415)

Current and non-current inventories (Tables)	12 Months Ended		
	Dec. 31, 2020		
Current and non-current inventories			
Schedule of current and non-current inventories		December 31, 2020	December 31, 2019
	(€million)		
Raw and auxiliary materials and consumables		706	950
Consumables for infrastructure and facility maintenance of perforation activities		1,580	1,477
Finished products and goods		1,603	2,284
Other		4	23
		3,893	4,734

Income tax receivables and payables (Tables)	12 Months Ended							
	Dec. 31, 2020							
Income tax receivables and payables								
Schedule of income tax receivables and payables	December 31, 2020				December 31, 2019			
	Receivables		Payables		Receivables		Payables	
	Non		Non		Non		Non	
	Current	Current	Current	Current	Current	Current	Current	Current
	(€million)							
Income taxes	184	153	243	360	192	173	456	454

Other assets and liabilities (Tables)	12 Months Ended							
	Dec. 31, 2020							
Other assets and liabilities								
Schedule of other assets and liabilities								
	December 31, 2020				December 31, 2019			
	Assets		Liabilities		Assets		Liabilities	
(€million)	Current	Non-current	Current	Non-current	Current	Non-current	Current	Non-curr
Fair value of derivative financial instruments	1,548	152	1,609	162	2,573	54	2,704	
Contract liabilities			1,298	394			1,669	4
Other Taxes	450	181	1,124	26	766	223	1,411	
Other	688	920	841	1,295	633	594	1,362	1,0
	2,686	1,253	4,872	1,877	3,972	871	7,146	1,6

Property, plant and equipment (Tables)		12 Months Ended						
		Dec. 31, 2020						
Property, plant and equipment								
Schedule of property, plant and equipment								

Amounts previously capitalized and expensed in the year	(226)	(183)	(61)
Reclassification to successful exploratory wells following the estimation of proved reserves	(48)	(46)	(297)
Disposals		(15)	(6)
Changes in the scope of consolidation			(58)
Reclassification to assets held for sale			(24)
Currency translation differences	(112)	21	49
Costs for exploratory wells suspended - end of the year	1,268	1,246	1,101

The following information relates to the stratification of the suspended wells pending final determination (ageing):

	2020		2019		2018	
	(€million)	(number of wells in Eni's interest)	(€million)	(number of wells in Eni's interest)	(€million)	(number of wells in Eni's interest)
Costs capitalized and suspended for exploratory well activity						
- within 1 year	157	6.7	185	7.7	111	7.0
- between 1 and 3 years	250	11.0	171	6.4	87	2.9
- beyond 3 years	861	19.3	890	26.4	903	24.2
	1,268	37.0	1,246	40.5	1,101	34.1
Costs capitalized for suspended wells						
- fields including wells drilled over the last 12 months	157	6.7	185	7.7	111	7.0
- fields for which the delineation campaign is in progress	631	14.9	556	11.3	217	4.7
- fields including commercial discoveries that proceeds to sanctioning	480	15.4	505	21.5	773	22.4
	1,268	37.0	1,246	40.5	1,101	34.1

Schedule of unproved mineral interests

Unproved mineral interests, comprised in assets in progress of the Exploration & Production segment, include the purchase price allocated to unproved reserves following business combinations or acquisition of individual properties. Unproved mineral interests were as follows:

(€million)	Congo	Nigeria	Turkmenistan	USA	Algeria	Egypt	United Arab Emirates	Total
2020								
Book amount at the beginning of the year	253	939	139	162	115	19	535	2,162
Additions					55	2		57
Net (impairments) reversals	(25)		(134)	(37)				(196)
Reclassification to proved mineral interest			(2)		(61)	(2)	(25)	(90)
Currency translation differences	(25)	(79)	(3)	(11)	(9)	(1)	(42)	(170)
Book amount at the end of the year	203	860		114	100	18	468	1,763
2019								
Book amount at the beginning of the year	769	921	77	103	77	29	502	2,478
Additions				97	135	1	23	256
Net (impairments) reversals	(533)		65	(27)				(495)
Reclassification to proved mineral interest			(4)	(14)	(99)	(12)		(129)
Currency translation differences	17	18	1	3	2	1	10	52
Book amount at the end of the year	253	939	139	162	115	19	535	2,162

Right-of-use assets and lease liabilities (Table)	12 Months Ended										
	Dec. 31, 2020										
Right-of-use assets and lease liabilities											
Summary of information about right-of-use assets		Floating production storage and offloading vessels (FPSO)	Drilling rig	Naval facilities and related logistic bases for oil and gas transportation	Motorway concessions and service stations	Oil and gas distribution facilities	Office buildings	Vehicles	Other	Total	
	€(million)										
	2020										
	Net carrying amount - beginning of the year	3,153	313	497	460	6	707	32	181	5,349	
	Additions	79	193	281	49	22	65	24	95	808	
	Depreciation ^(a)	(232)	(189)	(252)	(57)	(2)	(118)	(22)	(56)	(928)	
	Impairment losses				(21)	(15)			(11)	(47)	
	Currency translation differences	(251)	(13)	(13)			(8)		(7)	(292)	
	Other changes	(77)	(60)	(67)	(7)		6	(2)	(40)	(247)	
	Net carrying amount at the end of the year	2,672	244	446	424	11	652	32	162	4,643	
	Gross carrying amount at the end of the year	3,107	528	927	573	29	859	65	293	6,381	
	Provisions for depreciation and impairment	435	284	481	149	18	207	33	131	1,738	
	2019										
	First adoption IFRS 16	3,294	346	569	462	7	720	43	215	5,656	
	Reclassifications				30					16	46
	Reclassifications to assets held for sale									(13)	(13)
	Net carrying amount at January 1, 2019	3,294	346	569	492	7	720	43	218	5,689	
	Additions	32	192	219	54	1	108	22	56	684	
	Depreciation ^(a)	(240)	(224)	(272)	(61)	(1)	(115)	(23)	(63)	(999)	
	Impairment losses				(13)					(28)	(41)
	Currency translation differences	67	6	4	2		3		3	85	
	Other changes		(7)	(23)	(14)	(1)	(9)	(10)	(5)	(69)	
	Net carrying amount at December 31, 2019	3,153	313	497	460	6	707	32	181	5,349	
	Gross carrying amount	3,393	528	757	532	7	806	54	274	6,351	
	Provisions for depreciation and impairment	240	215	260	72	1	99	22	93	1,002	
	(a) Before capitalization of depreciation of tangible assets										
	Summary of information about liabilities for leased assets	Liabilities for leased assets were as follows:									
							Current portion of long-term lease liabilities	Long-term lease liabilities			
		€(million)									Total
		2020									
		Book amount at the beginning of the year					889	4,759			5,648
Additions								808		808	
Decreases						(866)		(3)		(869)	
Currency translation differences						(40)		(269)		(309)	
Other changes						866		(1,126)		(260)	
Book amount at the end of the year						849	4,169			5,018	
2019											
First adoption IFRS 16								665	4,991		5,656
Reclassifications								132	36		168
Reclassifications to liabilities directly associated with assets held for sale								(3)	(10)		(13)

	Carrying amount at January 1, 2019	794	5,017	5,811
	Additions		668	668
	Decreases	(875)	(2)	(877)
	Currency translation differences	10	77	87
	Other changes	960	(1,001)	(41)
	Carrying amount at December 31, 2019	889	4,759	5,648
Summary of amounts recognized in the profit and loss account for leases	The amounts recognised in the profit and loss account consist of the following:			
		2020	2019	
(€million)				
Other income and revenues				
Income from remeasurement of lease liability		12	6	
		12	6	
Purchases, services and other				
Short-term leases		67	115	
Low-value leases		37	39	
Variable lease payments not included in the measurement of lease liabilities		7	16	
Capitalised direct cost associated with self-constructed assets - tangible assets		(2)	(2)	
		109	168	
Depreciation and impairments				
Depreciation of RoU leased assets		928	999	
Capitalised direct cost associated with self-constructed assets - tangible assets		(96)	(210)	
Impairment losses of RoU leased assets		47	41	
		879	830	
Finance income (expense) from leases				
Interests on lease liabilities		(347)	(378)	
Capitalised finance expense of ROU leased assets - tangible assets		7	17	
Net currency translation differences on lease liabilities		24	(6)	
		(316)	(367)	

Intangible assets (Tables)	12 Months Ended						
	Dec. 31, 2020						
Intangible assets							
Schedule of intangible assets							
	(€million)	Exploration rights	Industrial patents and intellectual property rights	Other intangible assets	Intangible assets with finite useful lives	Goodwill	Total
2020							
Net carrying amount - beginning of the year	1,031	195	568	1,794	1,265	3,059	
Additions	18	23	196	237		237	
Amortization	(53)	(92)	(130)	(275)		(275)	
Impairments	(23)		(7)	(30)	(24)	(54)	
Reversals			24	24		24	
Write-off	(19)	(5)		(24)		(24)	
Changes in the scope of consolidation			7	7	70	77	
Currency translation differences	(66)		(3)	(69)	(14)	(83)	
Other changes		41	(66)	(25)		(25)	
Net carrying amount at the end of the year	888	162	589	1,639	1,297	2,936	
Gross carrying amount at the end of the year	1,613	1,623	4,399	7,635			
Provisions for amortization and impairment	725	1,461	3,810	5,996			
2019							
Net carrying amount - beginning of the year	1,081	221	584	1,886	1,284	3,170	
Additions	78	23	210	311		311	
Amortization	(81)	(93)	(117)	(291)		(291)	
Impairments	(19)		(72)	(91)	(26)	(117)	
Write-off	(28)	(1)	(1)	(30)		(30)	
Currency translation differences	18		1	19	3	22	
Other changes	(18)	45	(37)	(10)	4	(6)	
Net carrying amount at the end of the year	1,031	195	568	1,794	1,265	3,059	
Gross carrying amount at the end of the year	1,748	1,597	4,373	7,718			
Provisions for amortization and impairment	717	1,402	3,805	5,924			
Schedule of amortization rates used	The main amortization rates used were substantially unchanged from the previous year and ranged as follows:						
	(%)						
	Exploration rights						UOP
	Transport rights of natural gas						3
	Other concessions, licenses, trademarks and similar items						3 - 33
	Service concession arrangements						20 - 33
	Capitalized costs for customer acquisition						17 - 33
	Other intangible assets						4 - 20
Schedule of goodwill							
	(€million)			December 31, 2020	December 31, 2019		
	Eni gas e luce			1,046	981		
	Exploration & Production			146	190		
	Refining & Marketing			93	93		
	Corporate and Other activities			11			
	Renewables			1	1		
				1,297	1,265		

Eni gas e luce	
Intangible assets	
Schedule of goodwill	(€million)
	December 31, 2020December 31, 2019
	Domestic market904839
	Foreign market142142
	1,046981
Exploration rights	
Intangible assets	
Schedule of intangible assets	(€million)
	December 31, 2020December 31, 2019
	Proved licence and leasehold property acquisition costs225291
	Unproved licence and leasehold property acquisition costs653709
	Other mineral interests1031
	8881,031

Investments (Tables)	12 Months Ended							
	Dec. 31, 2020							
Investments								
Schedule of equity accounted investments								
	2020				2019			
	Investments in				Investments in			
	unconsolidated entities	Joint			unconsolidated entities	Joint		
	controlled by Eni	ventures	Associates	Total	controlled by Eni	ventures	Associates	Total
(€million)								
Carrying amount - beginning of the year	86	4,592	4,357	9,035	95	5,497	1,452	7,044
Changes in accounting policies (IAS 28)						22		22
Carrying amount restated - beginning of the year								
	86	4,592	4,357	9,035	95	5,519	1,452	7,066
Additions and subscriptions	2	75	198	275	6	76	2,910	2,992
Divestments and reimbursements		(3)	(1)	(4)	(5)		(17)	(22)
Share of profit of equity-accounted investments	3	21	14	38	6	80	75	161
Share of loss of equity-accounted investments	(2)	(1,399)	(332)	(1,733)	(10)	(157)	(17)	(184)
Deduction for dividends	(5)	(296)	(13)	(314)	(4)	(1,073)	(61)	(1,138)
Change in the scope of consolidation	3	30	1	34	1			1
Currency translation differences	(4)	(254)	(345)	(603)	2	67	17	86
Other changes	(3)	66	(42)	21	(5)	80	(2)	73
Carrying amount - end of the year	80	2,832	3,837	6,749	86	4,592	4,357	9,035
Schedule of net carrying amount of equity-accounted investments	Net carrying amount related to the following companies:							
					December 31, 2020		December 31, 2019	
					Net carrying amount	% of the investment	Net carrying amount	% of the investment
(€million)								
Investments in unconsolidated entities controlled by Eni								
Eni BTC Ltd				24	100.00		30	100.00
Other				56			56	
				80			86	
Joint ventures								
Vår Energi AS				1,144	69.85		2,518	69.60
Saipem SpA				908	31.08		1,250	30.99
Unión Fenosa Gas SA				242	50.00		326	50.00
Cardón IV SA				199	50.00		148	50.00
Gas Distribution Company of Thessaloniki - Thessaly SA				140	49.00		139	49.00
Lotte Versalis Elastomers Co Ltd				51	50.00		74	50.00
PetroJunín SA				50	40.00		53	40.00
Società Oleodotti Meridionali - SOM SpA				32	70.00			
AET - Raffineriebeteiligungsgesellschaft mbH				17	33.33		35	33.33
Other				49			49	
				2,832			4,592	
Associates								
Abu Dhabi Oil Refining Co (Takreer)				2,335	20.00		2,829	20.00
Angola LNG Ltd				1,039	13.60		1,159	13.60
Coral FLNG SA				138	25.00		102	25.00
Finproject SpA				73	40.00			
Novis Renewables Holdings Llc				65	49.00			
United Gas Derivatives Co				58	33.33		69	33.33
Novamont SpA							71	25.00
Other				129			127	
				3,837			4,357	
				6,749			9,035	
Schedule of market value of investments listed in regulated stock markets	As of December 31, 2020, the market value of the investments listed in regulated stock markets was as follows:							

		Saipem SpA	
	Number of shares held	308,767,968	
	% of the investment	31.08	
	Share price (€)	2.205	
	Market value (€ <i>million</i>)	681	
	Book value (€ <i>million</i>)	908	
Schedule of additional information about other investments	(€ <i>million</i>)	2020	2019
	Carrying amount – beginning of the year	929	919
	Additions and subscriptions	8	11
	Change in the fair value	24	(3)
	Divestments and reimbursements	(12)	(12)
	Currency translation differences	(61)	15
	Other changes	69	(1)
	Carrying amount – end of the year	957	929

Other financial assets (Tables)	12 Months Ended							
	Dec. 31, 2020							
Other financial assets								
Schedule of other financial assets		December 31, 2020		December 31, 2019				
	(€million)	Current	Non-current	Current	Non-current			
Long-term financing receivables held for operating purposes		29	953	60	1,119			
Short-term financing receivables held for operating purposes		22		37				
		51	953	97	1,119			
Financing receivables held for non-operating purposes		203		287				
		254	953	384	1,119			
Securities held for operating purposes			55		55			
		254	1,008	384	1,174			
Schedule of financial receivables net of allowance for doubtful accounts	(€million)	2020		2019				
	Carrying amount at the beginning of the year	379		430				
	Additions	7		11				
	Deductions	(7)		(88)				
	Currency translation differences	(26)		7				
	Other changes	(1)		19				
	Carrying amount at the end of the year	352		379				
Schedule of securities per issuing entity		Amortized cost	Nominal value	Fair Value	Nominal rate of return	Rating -	Rating -	
		(€million)	(€million)	(€million)	(%)	Maturity date	Moody's	S&P
	Sovereign states							
	Fixed rate bonds							
	Italy	24	24	25	from 0.35 to 4.75	from 2021 to 2030	Baa3	BBB
	Others (*)	17	17	17	from 0.05 to 0.20	from 2021 to 2025	from Aa3 to Baa1	from AA to A
	Floating rate bonds							
	Italy	11	11	11		from 2022 to 2025	Baa3	BBB
	Others	3	3	3		2022	Baa3	BBB
	Total sovereign states	55	55	56				
	(*) Amounts included herein are lower than €10 million.							

Trade and other payables (Tables)	12 Months Ended		
	Dec. 31, 2020		
Trade and other payables			
Schedule of trade and other payables			
		December 31,	December 31,
(€million)		2020	2019
Trade payables		8,679	10,480
Down payments and advances from joint ventures in exploration & production activities		417	401
Payables for purchase of non-current assets		1,393	2,276
Payables due to partners in exploration & production activities		1,120	1,236
Other payables		1,327	1,152
		12,936	15,545

Finance debts (Tables)	12 Months Ended							
	Dec. 31, 2020							
Statements								
Schedule of finance debts								
	December 31, 2020				December 31, 2019			
	Current portion of				Current portion of			
(€million)	Short-term debt	long-term debt	Long-term debt	Total	Short-term debt	long-term debt	Long-term debt	Total
Banks	337	759	3,193	4,289	187	504	2,341	3,032
Ordinary bonds		1,140	18,280	19,420		2,642	16,137	18,779
Convertible bonds			396	396			393	393
Commercial papers	2,233			2,233	1,778			1,778
Other financial institutions	312	10	26	348	487	10	39	536
	2,882	1,909	21,895	26,686	2,452	3,156	18,910	24,518
Schedule of fair value of long-term debt	Fair value of long-term debt, including the current portion of long-term debt is described below:							
(€million)					December 31, 2020	December 31, 2019		
Ordinary bonds					22,429	19,173		
Convertible bonds					497	402		
Banks					4,008	2,904		
Other financial institutions					36	49		
					26,970	22,528		
Schedule of changes in liabilities arising from financing activities								
	Long-term debt				Short-term debt	Long-term and current		
(€million)	and current portion of long-term debt				portion of long-term lease liabilities	Total		
Carrying amount at December 31, 2019	22,066				2,452	5,648 30,166		
Cash flows	2,178				937	(869) 2,246		
Currency translation differences	(348)				(528)	(333) (1,209)		
Other non-monetary changes	(92)				21	572 501		
Carrying amount at December 31, 2020	23,804				2,882	5,018 31,704		
Currency								
Statements								
Schedule of finance debts	The following table provides a breakdown by currency of finance debt and the related weighted average interest rates:							
	December 31, 2020				December 31, 2019			
	Long term debt and current portion of long				Long term debt and current portion of long			
	Short term debt	Average rate	term debt	Average rate	Short term debt	Average rate	term debt	Average rate
	(€million)	(%)	(€million)	(%)	(€million)	(%)	(€million)	(%)
Euro	1,004		19,142	1.7	464	0.2	16,526	2.1
U.S. dollar	1,870	1.1	4,522	4.6	1,981	2.3	5,392	4.6
Other currencies	8	(0.5)	140	4.3	7	(0.7)	148	4.3
	2,882		23,804		2,452		22,066	

Ordinary Bonds									
Statements									
Schedule of finance debts	The following table provides a breakdown of ordinary bonds by issuing entity, maturity date, interest rate and currency as of December 31, 2020:								
	(€million)	Amount	Discount on bond issue and accrued expense	Total	Currency	Maturity from to		Rate % from to	
	Issuing entity								
	Euro Medium Term Notes								
	Eni SpA	1,200	16	1,216	EUR		2025		3.750
	Eni SpA	1,000	28	1,028	EUR		2029		3.625
	Eni SpA	1,000	12	1,012	EUR		2023		3.250
	Eni SpA	1,000	10	1,010	EUR		2031		2.000
	Eni SpA	1,000	9	1,009	EUR		2026		1.500
	Eni SpA	1,000	2	1,002	EUR		2030		0.625
	Eni SpA	1,000		1,000	EUR		2026		1.250
	Eni SpA	900	(2)	898	EUR		2024		0.625
	Eni SpA	800	2	802	EUR		2021		2.625
	Eni SpA	800	1	801	EUR		2028		1.625
	Eni SpA	750	10	760	EUR		2024		1.750
	Eni SpA	750	6	756	EUR		2027		1.500
	Eni SpA	750	(4)	746	EUR		2034		1.000
	Eni SpA	700	2	702	EUR		2022		0.750
	Eni SpA	650	3	653	EUR		2025		1.000
	Eni SpA	600	(4)	596	EUR		2028		1.125
	Eni Finance International SA	1,427	(3)	1,424	USD	2026	2027		variable
	Eni Finance International SA	795	6	801	EUR	2025	2043	1.275	5.441
	Eni Finance International SA	111	5	116	GBP		2021		4.750
	Eni Finance International SA	24		24	YEN		2021		1.955
		16,257	99	16,356					
	Other bonds								
	Eni SpA	815	5	820	USD		2023		4.000
	Eni SpA	815	3	818	USD		2028		4.750
	Eni SpA	815	(1)	814	USD		2029		4.250
	Eni SpA	285	1	286	USD		2040		5.700
	Eni USA Inc	326		326	USD		2027		7.300
		3,056	8	3,064					
		19,313	107	19,420					

Convertible Bonds							
Statements							
Schedule of finance debts	The following table provides a breakdown of convertible bonds issued by Eni SpA as of December 31, 2020:						
	(€million)	Amount	Discount on bond issue and accrued expense	Total	Currency	Maturity	Rate %
	Eni SpA	400	(4)	396	EUR	2022	0.000

Information on net borrowings (Tables)	12 Months Ended					
	Dec. 31, 2020					
Information on net borrowings						
Schedule of net borrowings	Management believes that net borrowings is a useful measure of Eni’s financial condition as it provides insight about the soundness of Eni’s capital structure and the ways by which Eni’s operating assets are financed.					
	December 31, 2020			December 31, 2019		
(€million)	Current	Non-current	Total	Current	Non-current	Total
A. Cash and cash equivalents	9,413		9,413	5,994		5,994
B. Financial assets held for trading	5,502		5,502	6,760		6,760
C Liquidity (A+B)	14,915		14,915	12,754		12,754
D. Financing receivables	203		203	287		287
E. Short-term debt towards banks	337		337	187		187
F. Long-term debt towards banks	759	3,193	3,952	504	2,341	2,845
G. Bonds	1,140	18,676	19,816	2,642	16,530	19,172
H. Short-term financial debt towards related parties	52		52	46		46
I. Other short-term financial liabilities	2,493		2,493	2,219		2,219
J. Other long-term financial liabilities	10	26	36	10	39	49
K. Total borrowings before lease liabilities (E+F+G+H+I+J)	4,791	21,895	26,686	5,608	18,910	24,518
L. Net borrowings before lease liabilities (K-C-D)	(10,327)	21,895	11,568	(7,433)	18,910	11,477
M. Lease liabilities	795	4,057	4,852	884	4,751	5,635
N. Lease liabilities towards related parties	54	112	166	5	8	13
O. Total borrowings including lease liabilities (K+M+N)	5,640	26,064	31,704	6,497	23,669	30,166
P. Net borrowings including lease liabilities (O-C-D)	(9,478)	26,064	16,586	(6,544)	23,669	17,125

Provisions (Tables)	12 Months Ended											
	Dec. 31, 2020											
Provisions												
Schedule of provisions for contingencies												
					Loss adjustments							
	Provision for site restoration, abandonment and social projects	Environmental provision	Provision for litigations	Provisions for taxes other than income taxes	and actuarial provisions for Eni's insurance companies	Provision for losses on investments	Provision for OIL insurance cover	Provision for redundancy incentives	Provision for disposal and restructuring	Other	Total	
(€million)												
Carrying amount at December 31, 2019	8,936	2,602	850	199	333	188	113	70	46	769	14,106	
New or increased provisions		168	172	61	160	44		1	2	193	801	
Initial recognition and changes in estimates	955										955	
Accretion discount	190	(2)	1							1	190	
Reversal of utilized provisions	(252)	(296)	(526)	(30)	(237)			(7)	(14)	(266)	(1,628)	
Reversal of unutilized provisions	(3)	(183)	(96)	(53)		(6)	(9)	(11)	(4)	(38)	(403)	
Currency translation differences	(469)		(31)	(8)		(4)	(1)			(9)	(522)	
Other changes	5	(26)	15	1	2	(24)	(8)		(1)	(25)	(61)	
Carrying amount at December 31, 2020	9,362	2,263	385	170	258	198	95	53	29	625	13,438	

Provisions for employee benefits (Tables)		12 Months Ended										
		Dec. 31, 2020										
Provisions for employee benefits												
Schedule of provision for employee benefits												
(€million)												
Italian defined benefit plans		December 31, 2020										
		December 31, 2019										
Foreign defined benefit plans		258										
FISDE, foreign medical plans and other		493										
Defined benefit plans		182										
Other benefit plans		933										
Provision for employee benefits		858										
		268										
		1,201										
		1,136										
Schedule of present value of employee benefits, estimated by applying actuarial techniques												

(€million)	Italian defined benefit plans	Foreign defined benefit plans	FISDE, foreign medical plans and other	Defined benefit plans	Other benefit plans	Total
2020						
Current cost		23	3	26	50	76
Past service cost and (gains) losses on settlements		1		1	20	21
Interest cost (income), net:						
- interest cost on liabilities	2	27	2	31	1	32
- interest income on plan assets		(15)		(15)		(15)
Total interest cost (income), net	2	12	2	16	1	17
- of which recognized in “Payroll and related cost”					1	1
- of which recognized in “Financial income (expense)”	2	12	2	16		16
Remeasurements for long-term plans					4	4
Total	2	36	5	43	75	118
- of which recognized in “Payroll and related cost”		24	3	27	75	102
- of which recognized in “Financial income (expense)”	2	12	2	16		16
2019						
Current cost		19	2	21	55	76
Past service cost and (gains) losses on settlements		1	8	9	(2)	7
Interest cost (income), net:						
- interest cost on liabilities	4	37	3	44	1	45
- interest income on plan assets		(20)		(20)		(20)
Total interest cost (income), net	4	17	3	24	1	25
- of which recognized in “Payroll and related cost”					1	1
- of which recognized in “Financial income (expense)”	4	17	3	24		24
Remeasurements for long-term plans					1	1
Total	4	37	13	54	55	109
- of which recognized in “Payroll and related cost”		20	10	30	55	85
- of which recognized in “Financial income (expense)”	4	17	3	24		24

Costs of defined benefit plans recognized in other comprehensive income consisted of the following:

	2020				2019			
(€million)	Italian defined benefit plans	Foreign defined benefit plans	FISDE, foreign medical plans and other	Total	Italian defined benefit plans	Foreign defined benefit plans	FISDE, foreign medical plans and other	Total
Remeasurements								
Actuarial (gains)/losses due to changes in demographic assumptions	(3)	(10)	2	(11)				
Actuarial (gains)/losses due to changes in financial assumptions	9	71	13	93	7	50	3	60
Experience (gains) losses	(1)	(13)	(2)	(16)	(2)	(9)	21	10
Return on plan assets		(51)		(51)		(23)		(23)
Change in asset ceiling		1		1		(5)		(5)
	5	(2)	13	16	5	13	24	42

Schedule of plan assets	Plan assets consisted of the following:									
		Cash and cash equivalents	Equity securities	Debt securities	Real estate	Derivatives	Investment funds	Assets held by insurance company	Other	Total
	(€million)									
	December 31, 2020									

Italian defined benefit plans	(12)	13	8			
Foreign defined benefit plans	(67)	77	31	18		34
FISDE, foreign medical plans and other	(9)	10			10	
Other benefit plans	(4)	1	1			

Schedule of analysis by maturity date of the liabilities for employee benefit plans and their relative weighted average duration

The following is an analysis by maturity date of the liabilities for employee benefit plans and their relative weighted average duration:

(€million)	Italian defined benefit plans	Foreign defined benefit plans	FISDE, foreign medical plans and other	Other benefit plans
December 31, 2020				
2021	12	44	8	71
2022	13	42	7	66
2023	17	50	7	63
2024	20	63	7	16
2025	21	67	7	12
2026 and thereafter	175	227	146	40
Weighted average duration (years)	8.2	19.1	13.7	2.8
December 31, 2019				
2020	17	33	9	73
2021	16	35	8	68
2022	12	32	7	61
2023	10	39	7	17
2024	15	49	7	14
2025 and thereafter	199	224	139	45
Weighted average duration (years)	9.4	18.1	13.3	3.0

Deferred tax assets and liabilities (Tables)	12 Months Ended			
	Dec. 31, 2020			
Deferred tax assets and liabilities				
Schedule of deferred tax assets and liabilities	(€million)	December 31, 2020	December 31, 2019	
	Deferred tax liabilities before offsetting	8,581	9,583	
	Deferred tax assets available for offset	(3,057)	(4,663)	
	Deferred tax liabilities	5,524	4,920	
	Deferred tax assets before offsetting (net of accumulated write-down provisions)	7,166	9,023	
	Deferred tax liabilities available for offset	(3,057)	(4,663)	
	Deferred tax assets	4,109	4,360	
Schedule of significant temporary differences to net deferred tax liabilities	The most significant temporary differences giving rise to net deferred tax assets and liabilities are disclosed below:			
		Carrying amount at December 31, 2020	Carrying amount at December 31, 2019	
	(€million)			
	Deferred tax liabilities			
	Accelerated tax depreciation	6,171	6,796	
	Leasing	1,089	1,375	
	Difference between the fair value and the carrying amount of assets acquired	415	617	
	Site restoration and abandonment (tangible assets)	199	126	
	Application of the weighted average cost method in evaluation of inventories	56	97	
	Other	651	572	
		8,581	9,583	
	Deferred tax assets, gross			
	Carry-forward tax losses	(6,983)	(6,065)	
	Site restoration and abandonment (provisions for contingencies)	(2,211)	(2,242)	
	Timing differences on depreciation and amortization	(2,206)	(2,022)	
	Accruals for impairment losses and provisions for contingencies	(1,371)	(1,513)	
	Impairment losses	(1,213)	(946)	
	Leasing	(1,113)	(1,385)	
	Employee benefits	(213)	(209)	
	Over/Under lifting	(211)	(525)	
	Unrealized intercompany profits	(117)	(120)	
	Other	(593)	(740)	
		(16,231)	(15,767)	
	Accumulated write-downs of deferred tax assets	9,065	6,744	
	Deferred tax assets, net	(7,166)	(9,023)	
Schedule of changes in deferred tax liabilities and assets	The following table summarizes the changes in deferred tax liabilities and assets:			
	Deferred tax liabilities, gross	Deferred tax assets, gross	Accumulated write-downs of deferred tax assets	Deferred tax assets, net of impairments
(€million)				
Carrying amount at December 31, 2019	9,583	(15,767)	6,744	(9,023)
Additions	960	(2,649)	2,638	(11)
Deductions	(1,326)	1,357	(130)	1,227
Currency translation differences	(725)	742	(192)	550
Other changes	89	86	5	91
Carrying amount at December 31, 2020	8,581	(16,231)	9,065	(7,166)

Carrying amount at December 31, 2018	7,956	(13,356)	5,741	(7,615)
Changes in accounting policies (IFRS 16)	1,470	(1,470)		(1,470)
Carrying amount at January 1, 2019	9,426	(14,826)	5,741	(9,085)
Additions	1,265	(2,091)	1,161	(930)
Deductions	(1,205)	1,407	(174)	1,233
Currency translation differences	194	(182)	34	(148)
Other changes	(97)	(75)	(18)	(93)
Carrying amount at December 31, 2019	9,583	(15,767)	6,744	(9,023)

Derivative financial instruments and hedge accounting (Tables)	12 Months Ended					
	Dec. 31, 2020					
Derivative financial instruments and hedge accounting						
Schedule of derivative financial instruments						
	December 31, 2020			December 31, 2019		
(€million)	Fair value asset	Fair value liability	Level of Fair value	Fair value asset	Fair value liability	Level of Fair value
Non-hedging derivatives						
<i>Derivatives on exchange rate</i>						
- Currency swap	125	127	2	97	43	2
- Interest currency swap	128	2	2	26		2
- Outright	4	7	2	8	5	2
	257	136		131	48	
<i>Derivatives on interest rate</i>						
- Interest rate swap	23	74	2	13	34	2
	23	74		13	34	
<i>Derivatives on commodities</i>						
- Future	418	447	1	192	181	1
- Over the counter	89	77	2	89	58	2
- Other	5		2	12		2
	512	524		293	239	
	792	734		437	321	
Trading derivatives						
<i>Derivatives on commodities</i>						
- Over the counter	1,167	1,451	2	2,387	1,953	2
- Future	440	525	1	348	313	1
- Options	4	3	2	21	22	2
	1,611	1,979		2,756	2,288	
Cash flow hedge derivatives						
<i>Derivatives on commodities</i>						
- Over the counter	209	30	2	1	596	2
- Future	119	8	1	34	148	1
- Options		51	2		2	2
	328	89		35	746	
Option embedded in convertible bonds	2	2	2	11	11	2
Gross amount	2,733	2,804		3,239	3,366	
Offsetting	(1,033)	(1,033)		(612)	(612)	
Net amount	1,700	1,771		2,627	2,754	
Of which:						
- current	1,548	1,609		2,573	2,704	
- non-current	152	162		54	50	

Schedule of hedging derivative instruments	Hedging derivative instruments are disclosed below:					
	December 31, 2020			December 31, 2019		
(€million)	Nominal amount of the hedging instrument	Change in fair value (effective hedge)	Change in fair value (ineffective hedge)	Nominal amount of the hedging instrument	Change in fair value (effective hedge)	Change in fair value (ineffective hedge)
Cash flow hedge derivatives						
<i>Derivatives on commodity</i>						
- Over the counter	821	(438)		2,179	(1,357)	(2)
- Future	541	158	(1)	1,245	(61)	
	1,362	(280)	(1)	3,424	(1,418)	(2)

Schedule of breakdown of underlying asset or liability under cash flow hedge	The breakdown of the underlying asset or liability by type of risk hedged under cash flow hedge is provided below:						
	December 31, 2020			December 31, 2019			
	Change of the underlying asset used for the calculation of hedging ineffectiveness	CFH reserve	Reclassification adjustments	Change of the underlying asset used for the calculation of hedging ineffectiveness	CFH reserve	Reclassification adjustments	
(€million)							
Cash flow hedge derivatives							
Commodity price risk							
- Planned sales	284	(7)	(941)	1,444	(656)	(739)	
	284	(7)	(941)	1,444	(656)	(739)	
Schedule of effects recognized in other operating profit (loss)	Other operating profit (loss) related to derivative financial instruments on commodity was as follows:						
(€million)				2020	2019	2018	
Net income (loss) on cash flow hedging derivatives				(1)	(2)		
Net income (loss) on other derivatives				(765)	289	129	
				(766)	287	129	
Schedule of effects recognized in finance income (loss)							
(€million)				2020	2019	2018	
Derivatives on exchange rate				391	9	(329)	
Derivatives on interest rate				(40)	(23)	22	
				351	(14)	(307)	

Equity (Tables)	12 Months Ended							
	Dec. 31, 2020							
Equity								
Schedule of equity attributable to equity holders of Eni	(€million)	December 31, 2020	December 31, 2019					
Share capital		4,005	4,005					
Retained earnings		34,043	35,894					
Cumulative currency translation differences		3,895	7,209					
Other reserves and equity instruments:								
- Perpetual subordinated bonds		3,000						
- Legal reserve		959	959					
- Reserve for treasury shares		581	981					
- Reserve for OCI on cash flow hedging derivatives net of the tax effect		(5)	(465)					
- Reserve for OCI on defined benefit plans net of tax effect		(165)	(173)					
- Reserve for OCI on equity-accounted investments		92	60					
- Reserve for OCI on other investments valued at fair value		36	12					
- Other reserves		190	190					
Treasury shares		(581)	(981)					
Net profit (loss) for the year		(8,635)	148					
		37,415	47,839					
Schedule of other comprehensive income reserves								
		Reserve for OCI on cash flow hedge derivatives	Reserve for OCI on defined benefit plans*	Reserve for OCI equity-accounted investments	Reserve for OCI on Investments fair value			
(€million)	Gross reserve	Deferred tax liabilities	Net reserve	Gross reserve	Deferred tax liabilities	Net reserve		
Reserve as of December 31, 2019	(656)	191	(465)	(190)	17	(173)	60	12
Changes of the year	(280)	81	(199)	(16)	25	9	32	24
Foreign currency translation differences				(6)	5	(1)		
Reversal to inventories adjustments	(12)	3	(9)					
Reclassification adjustments	941	(273)	668					
Reserve as of December 31, 2020	(7)	2	(5)	(212)	47	(165)	92	36
Reserve as of December 31, 2018	(13)	4	(9)	(143)	13	(130)	66	15
Changes of the year	(1,418)	411	(1,007)	(49)	5	(44)	(6)	(3)
Foreign currency translation differences				(3)		(3)		
Change in scope of consolidation				5	(1)	4		
Reversal to inventories adjustments	36	(10)	26					
Reclassification adjustments	739	(214)	525					
Reserve as of December 31, 2019	(656)	191	(465)	(190)	17	(173)	60	12
* OCI for defined benefit plans at December 31, 2020 includes €7 million relating to equity-accounted investments (€7 million at December 31, 2019)								
Schedule of reconciliation of net profit and equity attributable to Eni of the parent company Eni SpA to consolidated net profit and equity attributable to Eni	Reconciliation of net profit and equity attributable to Eni of the parent company Eni SpA to consolidated net profit and equity attributable to Eni							
	(€million)	Net profit		Shareholders' equity				
		2020	2019	December 31, 2020	December 31, 2019			
As recorded in Eni SpA's Financial Statements		1,607	2,978	44,707	41,636			
Excess of net equity stated in the separate accounts of consolidated subsidiaries over the corresponding carrying amounts of the parent company		(10,660)	(2,800)	(8,839)	5,211			
Consolidation adjustments:								
- difference between purchase cost and underlying carrying amounts of net equity		(6)	(6)	193	202			
- adjustments to comply with Group accounting policies		264	(348)	2,086	1,424			
- elimination of unrealized intercompany profits		88	(74)	(478)	(593)			

- deferred taxation	79	405	(176)	20
	(8,628)	155	37,493	47,900
Non-controlling interest	(7)	(7)	(78)	(61)
As recorded in Consolidated Financial Statements	(8,635)	148	37,415	47,839

Other information (Tables)	12 Months Ended			
	Dec. 31, 2020			
Other information				
Schedule of other information	(€million)	2020	2019	2018
	Investment in consolidated subsidiaries and businesses			
	Current assets	15	1	44
	Non-current assets	193	12	198
	Net borrowings	(64)		11
	Current and non-current liabilities	(17)	(6)	(47)
	Net effect of investments	127	7	206
	Fair value of investments held before the acquisition of control			(50)
	Non-controlling interests	(15)	(2)	
	Gain on a bargain purchase			(8)
	Purchase price	112	5	148
	less:			
	Cash and cash equivalents	(3)		(29)
	Consolidated subsidiaries and businesses net of cash and cash equivalent acquired	109	5	119
	Disposal of consolidated subsidiaries and businesses			
	Current assets		77	328
	Non-current assets		188	5,079
	Net borrowings		11	785
	Current and non-current liabilities		(57)	(3,470)
	Net effect of disposals		219	2,722
	Reclassification of foreign currency translation differences among other items of comprehensive income		(24)	113
	Fair value of share capital held after the sale of control			(3,498)
	Fair value valuation for business combination			889
	Gain (loss) on disposal		16	13
	Selling price		211	239
	less:			
	Cash and cash equivalents		(24)	(286)
	Consolidated subsidiaries and businesses net of cash and cash equivalent disposed of		187	(47)

Guarantees, commitments and risks (Tables)	12 Months Ended						
	Dec. 31, 2020						
Guarantees, commitments and risks							
Schedule of guarantees	(€million)	December 31, 2020	December 31, 2019				
	Consolidated subsidiaries	4,758	4,323				
	Unconsolidated subsidiaries	176	197				
	Joint ventures and associates	3,800	4,075				
	Others	150	267				
		8,884	8,862				
Schedule of commitments and risks	(€million)	December 31, 2020	December 31, 2019				
	Commitments	69,998	74,338				
	Risks	600	676				
		70,598	75,014				
Schedule of expected payments for finance debts and lease liabilities	The tables below summarize the Group main contractual obligations for finance debt and lease liability repayments, including expected payments for interest charges and derivatives.						
	Maturity year						
(€million)	2021	2022	2023	2024	2025	2026 and thereafter	Total
December 31, 2020							
Non-current financial liabilities (including the current portion)	1,697	1,518	3,469	2,049	2,730	12,232	23,695
Current financial liabilities	2,882						2,882
Lease liabilities	815	593	503	442	413	2,218	4,984
Fair value of derivative instruments	1,609	26	13	50		73	1,771
	7,003	2,137	3,985	2,541	3,143	14,523	33,332
Interest on finance debt	502	473	461	387	360	1,164	3,347
Interest on lease liabilities	295	252	219	192	165	748	1,871
	797	725	680	579	525	1,912	5,218
Financial guarantees	1,072						1,072
	Maturity year						
(€million)	2020	2021	2022	2023	2024	2025 and thereafter	Total
December 31, 2019							
Non-current financial liabilities (including the current portion)	2,908	1,704	1,259	2,743	1,785	11,521	21,920
Current financial liabilities	2,452						2,452
Lease liabilities	884	632	487	434	424	2,761	5,622
Fair value of derivative instruments	2,704	2	14			34	2,754
	8,948	2,338	1,760	3,177	2,209	14,316	32,748
Interest on finance debt	594	452	353	342	269	1,667	3,677
Interest on lease liabilities	341	302	263	233	206	1,015	2,360
	935	754	616	575	475	2,682	6,037
Financial guarantees	926						926
Schedule of trade and other payables by maturity	Maturity year						
(€million)	2021	2022 – 2025	2026 and thereafter	Total			
December 31, 2020							
Trade payables	8,679			8,679			
Other payables and advances	4,257	111	94	4,462			

	12,936	111	94	13,141
	Maturity year			
(€million)	2020	2021 – 2024	2025 and thereafter	Total
December 31, 2019				
Trade payables	10,480			10,480
Other payables and advances	5,065	54	100	5,219
	15,545	54	100	15,699

Schedule of principal contractual obligations

	Maturity year						
(€million)	2021	2022	2023	2024	2025	2026 and thereafter	Total
Decommissioning liabilities ^(a)	400	237	202	425	276	10,433	11,973
Environmental liabilities	383	323	267	255	196	839	2,263
Purchase obligations ^(b)	8,041	7,644	7,342	8,150	8,613	63,864	103,654
- Gas							
. take-or-pay contracts	6,196	6,852	6,809	7,691	8,392	63,477	99,417
. ship-or-pay contracts	893	519	480	439	212	359	2,902
- Other purchase obligations	952	273	53	20	9	28	1,335
Other obligations	2					106	108
- Memorandum of intent - Val d’Agri	2					106	108
Total	8,826	8,204	7,811	8,830	9,085	75,242	117,998

²⁸ Contractual obligations related to employee benefits are indicated in note 21 - Provisions for employee benefits.

- (a) Represents the estimated future costs for the decommissioning of oil and natural gas production facilities at the end of the producing lives of fields, well-plugging, abandonment and site restoration.
- (b) Represents any agreement to purchase goods or services that is enforceable and legally binding and that specifies all significant terms.

Schedule of committed projects

The amounts shown in the table below include committed expenditures to execute certain environmental projects.

	Maturity year					
(€million)	2021	2022	2023	2024	2025 and thereafter	Total
Committed projects	4,264	3,983	2,890	2,204	1,334	14,675

Schedule of carrying amount of financial instruments and relevant economic and equity effect

	2020			2019		
	Finance income (expense) recognized in			Finance income (expense) recognized in		
	Carrying amount	Profit and loss account	OCI	Carrying amount	Profit and loss account	OCI
(€million)						
Financial instruments at fair value with effects recognized in profit and loss account						
Financial assets held for trading ^(a)	5,502	31		6,760	127	
Non-hedging and trading derivatives ^(b)	(19)	(415)		(125)	273	
Other investments valued at fair value ^(c)	957	150	24	929	247	(3)
Receivables and payables and other assets/liabilities valued at amortized cost						
Trade receivables and other ^(d)	10,955	(213)		12,926	(409)	
Financing receivables ^(e)	1,207	99		1,503	110	
Securities ^(a)	55			55		

Trade payables and other ^(a)	13,141	(31)		15,699	33	
Financing payables ⁽ⁱ⁾	26,686	(632)		24,518	(802)	
Net assets (liabilities) for hedging derivatives^(g)	(52)	(941)	661	(2)	(739)	(679)

- (a) Income or expense were recognized in the profit and loss account within "Finance income (expense)".
- (b) In the profit and loss account, economic effects were recognized as expense within "Other operating income (loss)" for €766 million (income for €287 million in 2019) and as income within "Finance income (expense)" for €351 million (loss for €14 million in 2019).
- (c) Income or expense were recognized in the profit and loss account within "Income (expense) from investments - Dividends".
- (d) Income or expense were recognized in the profit and loss account as net impairment losses within "Net (impairment losses) reversal of trade and other receivables" for €26 million (net impairment losses for €432 million in 2019) and as income within "Finance income (expense)" for €13 million (income for €23 million in 2019), including interest income calculated on the basis of the effective interest rate of €2 million (interest income for €26 million in 2019).
- (e) In the profit and loss account, income or expense were recognized as income within "Finance income (expense)", including interest income calculated on the basis of the effective interest rate of €2 million (income for €9 million in 2019) and net impairment losses for €1 million (net revaluations for €4 million in 2019).
- (f) In the profit and loss account, income or expense were recognized as expense within "Finance income (expense)", including interest expense calculated on the basis of the effective interest rate of €31 million (interest expense for €647 million in 2019).
- (g) In the profit and loss account, income or expense were recognized within "Sales from operations" and "Purchase, services and other".

Schedule of disclosures about offsetting of financial instruments

	Gross amount of financial assets and liabilities	Gross amount of financial assets and liabilities subject to offsetting	Net amount of financial assets and liabilities
(€million)			
December 31, 2020			
Financial assets			
Trade and other receivables	11,681	755	10,926
Other current assets	3,719	1,033	2,686
Financial liabilities			
Trade and other liabilities	13,691	755	12,936
Other current liabilities	5,905	1,033	4,872
December 31, 2019			
Financial assets			
Trade and other receivables	13,773	900	12,873
Other current assets	4,584	612	3,972
Financial liabilities			
Trade and other liabilities	16,445	900	15,545
Other current liabilities	7,758	612	7,146

Interest rate risk and currency risk

Guarantees, commitments and risks

Schedule of market risk

The following tables show amounts in terms of VaR, recorded in 2020 (compared with 2019) relating to interest rate and exchange rate risks in the first section and commodity risk. Regarding the management of strategic liquidity, the sensitivity to changes of interest rate is expressed by values of “Dollar value per Basis Point” (DVBP).

(Value at risk - parametric method variance/covariance; holding period: 20 days; confidence level: 99%)

(€million)	2020				2019			
	High	Low	Average	At year end	High	Low	Average	At year end
Interest rate ^(a)	7.39	1.18	2.93	1.34	5.19	2.44	3.80	3.00
Exchange rate ^(a)	0.48	0.10	0.28	0.18	0.41	0.07	0.17	0.15

(a) Value at risk deriving from interest and exchange rates exposures include the following finance departments: Eni Corporate Finance Department, Eni Finance International SA, Banque Eni SA and Eni Finance USA Inc.

Commodity price risk								
Guarantees, commitments and risks								
Schedule of market risk	(Value at risk — Historic simulation method; holding period: 1 day; confidence level: 95%)							
	2020				2019			
(€million)	High	Low	Average	At year end	High	Low	Average	At year end
Commercial exposures – Management Portfolio ^(a)	16.10	3.02	8.50	3.02	23.03	7.74	11.22	9.11
Trading ^(b)	1.57	0.10	0.52	0.25	1.60	0.25	0.51	0.31
<p>(a) Refers to the Gas & LNG Marketing Power business line (risk exposure from Refining & Marketing business line and Global Gas & LNG Portfolio), Eni Trading & Shipping commercial portfolio, operating branches outside Italy pertaining to the Divisions and from October 2016 the Gas e Luce business line. For the Global Gas & LNG Portfolio business lines, following the approval of the Eni’s Board of Directors on December 12, 2013, VaR is calculated on the so-called Statutory view, with a time horizon that coincides with the year considering all the volumes delivered in the year and the relevant financial hedging derivatives. Consequently, during the year the VaR pertaining to GGP and EGL presents a decreasing trend following the progressive reaching of the maturity of the positions within the annual horizon.</p> <p>(b) Cross-commodity proprietary trading, both for commodity contracts and financial derivatives, refers to Eni Trading & Shipping SpA (London-Bruxelles-Singapore) and Eni Trading & Shipping Inc (Houston).</p>								
Strategic liquidity risk								
Guarantees, commitments and risks								
Schedule of market risk	(Sensitivity — Dollar value of 1 basis point — DVBP)							
	2020				2019			
(€million)	High	Low	Average	At year end	High	Low	Average	At year end
Strategic liquidity ^(a)	0.37	0.29	0.32	0.30	0.37	0.31	0.35	0.33
<p>(a) Management of strategic liquidity portfolio starting from July 2013.</p>								
	(Sensitivity — Dollar value of 1 basis point — DVBP)							
	2020				2019			
(\$ million)	High	Low	Average	At year end	High	Low	Average	At year end
Strategic liquidity ^(a)	0.07	0.03	0.05	0.05	0.05	0.02	0.04	0.05
<p>(a) Management of strategic liquidity portfolio in \$ currency starting from August 2017.</p>								

Revenues and other income (Tables)	12 Months Ended						
	Dec. 31, 2020						
Revenues and other income							
Schedule of information about sales from operations	Sales from operations						
		Exploration &	Global Gas & LNG	Refining & Marketing and	Eni gase luce, Power &	Corporate and	
(€million)		Production	Portfolio	Chemical	Renewables	Other activities	Total
2020							
Sales from operations	6,359	5,362	24,937	7,135	194	43,987	
Products sales and service revenues							
Sales of crude oil	1,969		9,024			10,993	
Sales of oil products	517		11,852			12,369	
Sales of natural gas and LNG	3,505	5,000	20	2,741		11,266	
Sales of petrochemical products			3,277		19	3,296	
Sales of other products	113	(2)	36	2,366	2	2,515	
Services	255	364	728	2,028	173	3,548	
Total	6,359	5,362	24,937	7,135	194	43,987	
Transfer of goods/services							
Goods/Services transferred in a specific moment	5,896	5,239	24,639	7,135	78	42,987	
Goods/Services transferred over a period of time	463	123	298		116	1,000	
2019							
Sales from operations	10,499	9,230	41,976	7,972	204	69,881	
Products sales and service revenues							
Sales of crude oil	3,505		17,361			20,866	
Sales of oil products	1,189		19,615			20,804	
Sales of natural gas and LNG	5,454	8,881	214	3,373		17,922	
Sales of petrochemical products			4,088		22	4,110	
Sales of other products	68		16	2,503	6	2,593	
Services	283	349	682	2,096	176	3,586	
Total	10,499	9,230	41,976	7,972	204	69,881	
Transfer of goods/services							
Goods/Services transferred in a specific moment	9,946	9,117	41,727	7,972	86	68,848	
Goods/Services transferred over a period of time	553	113	249		118	1,033	
2018							
Sales from operations	9,943	11,931	46,088	7,684	176	75,822	
Products sales and service revenues							
Sales of crude oil	3,982		18,471			22,453	
Sales of oil products	1,133		21,266			22,399	
Sales of natural gas and LNG	4,554	11,575	166	3,347		19,642	
Sales of petrochemical products			5,539		35	5,574	
Sales of other products	27	1	20	2,362	11	2,421	
Services	247	355	626	1,975	130	3,333	
Total	9,943	11,931	46,088	7,684	176	75,822	
Transfer of goods/services							
Goods/Services transferred in a specific moment	9,676	11,801	46,029	7,684	106	75,296	
Goods/Services transferred over a period of time	267	130	59		70	526	
Schedule of revenue associated with liabilities and performance obligations	(€million)				2020	2019	2018
	Revenues associated with contract liabilities at the beginning of the period				818	747	342
	Revenues associated with performance obligations totally or partially satisfied in previous years					10	11

Schedule of information about other income and revenues	Other income and revenues			
	(€million)	2020	2019	2018
	Gains from sale of assets and businesses	10	152	454
	Other proceeds	950	1,008	662
		960	1,160	1,116

Costs (Tables)	12 Months Ended						
	Dec. 31, 2020						
Costs							
Schedule of information about purchase, services and other charges	(€million)	2020	2019	2018			
	Production costs - raw, ancillary and consumable materials and goods	21,432	36,272	41,125			
	Production costs - services	9,710	11,589	10,625			
	Lease expense and other	876	1,478	1,820			
	Net provisions for contingencies	349	858	1,120			
	Other expenses	1,317	879	1,130			
		33,684	51,076	55,820			
	less:						
	- capitalized direct costs associated with self-constructed assets - tangible assets	(128)	(197)	(192)			
	- capitalized direct costs associated with self-constructed assets - intangible assets	(5)	(5)	(6)			
		33,551	50,874	55,622			
	Schedule of information about payroll and related costs	Payroll and related costs					
		(€million)	2020	2019	2018		
Wages and salaries		2,193	2,417	2,409			
Social security contributions		458	449	448			
Cost related to employee benefit plans		102	85	220			
Other costs		239	213	170			
		2,992	3,164	3,247			
less:							
- capitalized direct costs associated with self-constructed assets - tangible assets		(118)	(152)	(142)			
- capitalized direct costs associated with self-constructed assets - intangible assets		(11)	(16)	(12)			
		2,863	2,996	3,093			
Schedule of information about average number of employees		The Group average number and breakdown of employees by category is reported below:					
			2020		2019		2018
	(number)	Subsidiaries	Joint operations	Subsidiaries	Joint operations	Subsidiaries	Joint operations
	Senior managers	993	17	1,014	16	999	17
	Junior managers	9,280	73	9,267	77	9,095	84
	Employees	15,995	349	15,945	361	16,220	361
	Workers	4,780	287	4,910	287	5,259	283
		31,048	726	31,136	741	31,573	745
	Schedule of information about compensation of key management personnel	(€million)	2020	2019	2018		
		Wages and salaries	30	28	27		
		Post-employment benefits	2	2	2		
		Other long-term benefits	12	12	10		
		Indemnities upon termination of employment	21	12			
		65	54	39			

Finance income (expense) (Tables)	12 Months Ended			
	Dec. 31, 2020			
Finance income (expense)				
Schedule of finance income (expense)	(€million)	2020	2019	2018
	Finance income (expense)			
	Finance income	3,531	3,087	3,967
	Finance expense	(4,958)	(4,079)	(4,663)
	Net finance income (expense) from financial assets held for trading	31	127	32
	Income (expense) from derivative financial instruments	351	(14)	(307)
		(1,045)	(879)	(971)
Schedule of analysis of finance income (expense)	The analysis of finance income (expense) was as follows:			
	(€million)	2020	2019	2018
	Finance income (expense) related to net borrowings			
	Interest and other finance expense on ordinary bonds	(517)	(618)	(565)
	Net finance income (expense) on financial assets held for trading	31	127	32
	Interest and other expense due to banks and other financial institutions	(102)	(122)	(120)
	Interest on lease liabilities	(347)	(378)	
	Interest from banks	10	21	18
	Interest and other income on financial receivables and securities held for non-operating purpose	12	8	8
		(913)	(962)	(627)
	Exchange differences	(460)	250	341
	Income (expense) from derivative financial instruments	351	(14)	(307)
	Other finance income (expense)			
	Interest and other income on financing receivables and securities held for operating purposes	97	112	132
	Capitalized finance expense	73	93	52
	Finance expense due to the passage of time (accretion discount) ^(a)	(190)	(255)	(249)
	Other finance income (expense)	(3)	(103)	(313)
		(23)	(153)	(378)
		(1,045)	(879)	(971)
	^(a) The item related to the increase in provisions for contingencies that are shown at present value in non-current liabilities.			

Income (expense) from investments (Tables)	12 Months Ended			
	Dec. 31, 2020			
Income (expense) from investments				
Schedule of other gain (loss) from investments	Other gain (loss) from investments			
	(€million)	2020	2019	2018
	Dividends	150	247	231
	Net gain (loss) on disposals		19	22
	Other net income (expense)	(75)	15	910
		<u>75</u>	<u>281</u>	<u>1,163</u>

Income taxes (Tables)	12 Months Ended			
	Dec. 31, 2020			
Income taxes				
Schedule of information about income taxes	(€million)	2020	2019	2018
	Current taxes:			
	- Italian subsidiaries	199	347	301
	- subsidiaries of the Exploration & Production segment - outside Italy	1,517	4,729	4,906
	- other subsidiaries - outside Italy	84	152	163
		1,800	5,228	5,370
	Net deferred taxes:			
	- Italian subsidiaries	672	599	130
	- subsidiaries of the Exploration & Production segment - outside Italy	73	(172)	497
	- other subsidiaries - outside Italy	105	(64)	(27)
		850	363	600
		2,650	5,591	5,970
Schedule of detailed information about the reconciliation between the statutory tax charge and the effective tax charge	(€million)	2020	2019	2018
	Profit (loss) before taxation	(5,978)	5,746	10,107
	Tax rate (IRES) (%)	24.0	24.0	24.0
	Statutory corporation tax charge (credit) on profit or loss	(1,435)	1,379	2,426
	Increase (decrease) resulting from:			
	- higher tax charges related to subsidiaries outside Italy	1,980	2,934	3,096
	- impact pursuant to the write-down of deferred tax assets	1,785	938	261
	- impact pursuant to foreign tax effects of italian entities	108	105	46
	- Italian regional income tax (IRAP)	107	25	50
	- effect due to the tax regime provided for intercompany dividends	96	65	47
	- tax effects related to previous years	(30)	147	(24)
	- other adjustments	39	(2)	68
		4,085	4,212	3,544
	Effective tax charge	2,650	5,591	5,970

Earnings (loss) per share (Tables)	12 Months Ended			
	Dec. 31, 2020			
Earnings (loss) per share				
Schedule of information about reconciliation of the weighted average number of shares				
Reconciliation of the weighted average number of shares used for the calculation for both basic and diluted earnings (loss) per share was as follows:				
		2020	2019	2018
Weighted average number of shares used for basic earnings (loss) per share		3,572,549,651	3,592,249,603	3,601,140,133
Potential shares to be issued for ILT incentive plan		6,465,718	2,251,406	2,782,584
Weighted average number of shares used for diluted earnings (loss) per share		3,579,015,369	3,594,501,009	3,603,922,717
Eni's net profit (loss)	(€million)	(8,635)	148	4,126
Basic earnings (loss) per share	(€per share)	(2.42)	0.04	1.15
Diluted earnings (loss) per share	(€per share)	(2.42)	0.04	1.15

Exploration for evaluation of oil&gas resources (Tables)	12 Months Ended			
	Dec. 31, 2020			
Exploration for evaluation of oil&gas resources				
Schedule of information about exploration for evaluation of oil&gas resources	(€million)	2020	2019	2018
	Revenues related to exploration activity and evaluation		34	17
	Exploration activity and evaluation costs:			
	- write-off of exploration and evaluation costs	314	214	93
	- costs of geological and geophysical studies	196	275	287
	Exploration expense for the year	510	489	380
	Intangible assets: proved and unproved exploration licence and leasehold property acquisition costs	888	1,031	1,081
	Tangible assets: capitalized exploration and evaluation costs	1,341	1,563	1,267
	Total tangible and intangible assets	2,229	2,594	2,348
	Provision for decommissioning related to exploration activity and evaluation	93	109	77
	Exploration expenditure (net cash used in investing activivties)	283	586	463
	Geological and geophysical costs (cash flow from operating activities)	196	275	287
	Total exploration effort	479	861	750

Segment information and information by geographical area (Tables)	12 Months Ended							
	Dec. 31, 2020							
Segment information and information by geographical area								
Schedule of segment information for the 2019 and 2018 comparative periods restated for homogeneous comparison	As reported in 2019:							
	(€million)	Exploration & Production	Gas & Power	Refining & Marketing and Chemicals	Corporate and Other activities	Adjustments of intragroup profits	Total	
2019								
Sales from operations including intersegment sales		23,572	50,015	23,334	1,681			
Less: intersegment sales		(13,073)	(11,855)	(2,317)	(1,476)			
Sales from operations		10,499	38,160	21,017	205		69,881	
Operating profit		7,417	699	(854)	(710)	(120)	6,432	
Identifiable assets ^(a)		68,915	9,176	12,336	1,860	(492)	91,795	
Identifiable liabilities ^(a)		20,164	7,852	4,599	3,927	(141)	36,401	
2018								
Sales from operations including intersegment sales		25,744	55,690	25,216	1,589			
Less: intersegment sales		(15,801)	(12,581)	(2,622)	(1,413)			
Sales from operations		9,943	43,109	22,594	176		75,822	
Operating profit		10,214	629	(380)	(691)	211	9,983	
Identifiable assets ^(a)		63,051	9,989	11,692	1,171	(420)	85,483	
Identifiable liabilities ^(a)		18,110	8,314	4,319	4,072	(275)	34,540	
(a) Include assets/liabilities directly associated with the generation of operating profit.								
As restated:								
	(€million)	Exploration & Production	Global Gas & LNG Portfolio	Refining & Marketing and Chemicals	Eni gas e luce, Power & Renewables	Corporate and Other activities	Adjustments of intragroup profits	Total
2019								
Sales from operations including intersegment sales		23,572	11,779	42,360	8,448	1,676		
Less: intersegment sales		(13,073)	(2,549)	(384)	(476)	(1,472)		
Sales from operations		10,499	9,230	41,976	7,972	204		69,881
Operating profit		7,417	431	(682)	74	(688)	(120)	6,432
Identifiable assets ^(a)		68,915	4,092	13,569	4,068	1,643	(492)	91,795
Identifiable liabilities ^(a)		20,164	3,836	6,272	2,380	3,890	(141)	36,401
2018								
Sales from operations including intersegment sales		25,744	14,807	46,483	8,218	1,588		
Less: intersegment sales		(15,801)	(2,876)	(395)	(534)	(1,412)		
Sales from operations		9,943	11,931	46,088	7,684	176		75,822
Operating profit		10,214	387	(501)	340	(668)	211	9,983
Identifiable assets ^(a)		63,051	4,642	13,099	4,008	1,103	(420)	85,483
Identifiable liabilities ^(a)		18,110	4,089	6,201	2,364	4,051	(275)	34,540
(a) Include assets/liabilities directly associated with the generation of operating profit.								
Schedule of information by segment	Segment Information							
	(€million)	Exploration & Production	Global Gas & LNG Portfolio	Refining & Marketing and Chemicals	Eni gas e luce, Power & Renewables	Corporate and Other activities	Adjustments of intragroup profits	Total
2020								
Sales from operations including intersegment sales		13,590	7,051	25,340	7,536	1,559		
Less: intersegment sales		(7,231)	(1,689)	(403)	(401)	(1,365)		
Sales from operations		6,359	5,362	24,937	7,135	194		43,987
Operating profit		(610)	(332)	(2,463)	660	(563)	33	(3,275)
Net provisions for contingencies		98	64	118	(2)	26	45	349
Depreciation and amortization		(6,273)	(125)	(575)	(217)	(146)	32	(7,304)
Impairments of tangible and intangible assets and right-of-use assets		(2,170)	(2)	(1,605)	(56)	(22)		(3,855)
Reversals of tangible and intangible assets		282		334	55	1		672
Write-off of tangible and intangible assets		(322)			(7)			(329)

	Share of profit (loss) of equity-accounted investments	(980)	(15)	(363)	6	(381)		(1,733)
	Identifiable assets ^(a)	59,439	4,020	10,716	4,387	1,444	(402)	79,604
	Unallocated assets ^(a)							30,044
	Equity-accounted investments	2,680	259	2,605	217	988		6,749
	Identifiable liabilities ^(a)	17,501	3,785	5,460	2,426	3,316	(83)	32,405
	Unallocated liabilities ^(a)							39,750
	Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	3,472	11	771	293	107	(10)	4,644
	2019							
	Sales from operations including intersegment sales	23,572	11,779	42,360	8,448	1,676		
	Less: intersegment sales	(13,073)	(2,549)	(384)	(476)	(1,472)		
	Sales from operations	10,499	9,230	41,976	7,972	204		69,881
	Operating profit	7,417	431	(682)	74	(688)	(120)	6,432
	Net provisions for contingencies	97	234	276	(5)	307	(51)	858
	Depreciation and amortization	(7,060)	(124)	(620)	(190)	(144)	32	(8,106)
	Impairments of tangible and intangible assets and right-of-use assets	(1,347)		(1,127)	(83)	(13)		(2,570)
	Reversals of tangible and intangible assets	130	5	205	41	1		382
	Write-off of tangible and intangible assets	(292)		(6)	(1)	(1)		(300)
	Share of profit (loss) of equity-accounted investments	7	(21)	(63)	10	(21)		(88)
	Identifiable assets ^(a)	68,915	4,092	13,569	4,068	1,643	(492)	91,795
	Unallocated assets ^(a)							31,645
	Equity-accounted investments	4,108	346	3,107	141	1,333		9,035
	Identifiable liabilities ^(a)	20,164	3,836	6,272	2,380	3,890	(141)	36,401
	Unallocated liabilities ^(a)							39,139
	Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	6,996	15	933	357	89	(14)	8,376
	2018							
	Sales from operations including intersegment sales	25,744	14,807	46,483	8,218	1,588		
	Less: intersegment sales	(15,801)	(2,876)	(395)	(534)	(1,412)		
	Sales from operations	9,943	11,931	46,088	7,684	176		75,822
	Operating profit	10,214	387	(501)	340	(668)	211	9,983
	Net provisions for contingencies	235	53	274		579	(21)	1,120
	Depreciation and amortization	(6,152)	(226)	(399)	(182)	(59)	30	(6,988)
	Impairments of tangible and intangible assets	(1,025)	(6)	(193)	(50)	(18)		(1,292)
	Reversals of tangible and intangible assets	299	79		48			426
	Write-off of tangible and intangible assets	(97)	(1)	(2)				(100)
	Share of profit (loss) of equity-accounted investments	158	(2)	(67)	11	(168)		(68)
	Identifiable assets ^(a)	63,051	4,642	13,099	4,008	1,103	(420)	85,483
	Unallocated assets ^(a)							32,890
	Equity-accounted investments	4,972	355	275	139	1,303		7,044
	Identifiable liabilities ^(a)	18,110	4,089	6,201	2,364	4,051	(275)	34,540
	Unallocated liabilities ^(a)							32,760
	Capital expenditure in tangible and intangible assets	7,901	26	877	238	94	(17)	9,119
	(a) Include assets/liabilities directly associated with the generation of operating profit.							
	(b) Include assets/liabilities not directly associated with the generation of operating profit.							

Schedule of information by geographical area

Identifiable assets and investments by geographical area of origin

(€million)	Italy	Other European Union	Rest of Europe	Americas	Asia	Africa	Other areas	Total
2020								
Identifiable assets ^(a)	17,228	4,159	3,174	4,485	16,360	33,341	857	79,604
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	1,198	152	119	441	1,267	1,443	24	4,644
2019								
Identifiable assets ^(a)	19,346	7,237	1,151	5,230	17,898	40,021	912	91,795
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	1,402	306	9	1,017	1,685	3,902	55	8,376

2018								
Identifiable assets ^(a)	18,646	7,086	1,031	4,546	16,910	36,155	1,109	85,483
Capital expenditure in tangible and intangible assets	1,424	267	538	534	1,782	4,533	41	9,119

(a) Include assets directly associated with the generation of operating profit.

Schedule of sales from operations by geography	<i>Sales from operations by geographical area of destination</i>			
	(€million)	2020	2019	2018
	Italy	14,717	23,312	25,279
	Other European Union	9,508	18,567	20,408
	Rest of Europe	8,191	6,931	7,052
	Americas	2,426	3,842	5,051
	Asia	4,182	8,102	9,585
	Africa	4,842	8,998	8,246
	Other areas	121	129	201
		43,987	69,881	75,822

Transactions with related parties (Tables)	12 Months Ended					
	Dec. 31, 2020					
Transactions with related parties						
Schedule of transactions and balances with related parties	Transactions and balances with related parties					
	December 31, 2020			2020		
	Receivables	Payables				Other
(€million)	and other	and other				operating
Name	assets	liabilities	Guarantees	Revenues	Costs	(expense) income
Joint ventures and associates						
Agiba Petroleum Co	6	52			201	
Angola LNG Supply Services Llc			165			
Coral FLNG SA	6		1,079	49		
Gas Distribution Company of Thessaloniki - Thessaly SA		13			52	
Saipem Group	87	254	509	18	350	
Karachaganak Petroleum Operating BV	25	141			816	
Mellitah Oil & Gas BV	54	250		2	156	
Petrobel Belayim Petroleum Co	65	467			556	
Societa Oleodotti Meridionali SpA	3	399		20	15	
Société Centrale Electrique du Congo SA	48			57		
Unión Fenosa Gas SA	11	4	57	9		(3)
Vår Energi AS	39	190	456	85	1,126	(118)
Other (*)	72	24	1	66	167	
	416	1,794	2,267	306	3,439	(121)
Unconsolidated entities controlled by Eni						
Eni BTC Ltd			165			
Industria Siciliana Acido Fosforico - ISAF SpA (in liquidation)	112	1	1	11		
Other	5	23	10	4	9	
	117	24	176	15	9	
	533	1,818	2,443	321	3,448	(121)
Entities controlled by the Government						
Enel Group	104	165		51	551	86
Italgas Group	1	177		3	714	
Snam Group	189	211		45	1,012	
Terna Group	46	62		152	225	8
GSE - Gestore Servizi Energetici	52	37		586	309	40
Other (*)	8	49		20	63	
	400	701		857	2,874	134
Other related parties	1	4		2	53	
Groupement Sonatrach - Agip «GSA» and Organe Conjoint des Opérations «OC SH/FCP»	87	52		19	262	
	1,021	2,575	2,443	1,199	6,637	13
(*) Each individual amount included herein was lower than €50 million.						
	December 31, 2019			2019		
	Receivables	Payables				Other
(€million)	and other	and other				operating
Name	assets	liabilities	Guarantees	Revenues	Costs	(expense) income
Joint ventures and associates						
Agiba Petroleum Co	3	71			229	
Angola LNG Supply Services Llc			181			
Coral FLNG SA	15		1,168	71		
Gas Distribution Company of Thessaloniki - Thessaly SA		13			53	

Saipem Group	75	227	510	27	503	
Karachaganak Petroleum Operating BV	33	198		1	1,134	
Mellitah Oil & Gas BV	57	171		3	365	
Petrobel Belayim Petroleum Co	50	1,130		7	1,590	
Unión Fenosa Gas SA	8	1	57	1	6	63
Vår Energi AS	32	143	482	63	1,481	(64)
Other ^(*)	106	29	1	112	87	
	379	1,983	2,399	285	5,448	(1)
Unconsolidated entities controlled by Eni						
Eni BTC Ltd			180			
Industria Siciliana Acido Fosforico - ISAF SpA (in liquidation)	101	1	3	14		
Other	5	25	14	6	18	
	106	26	197	20	18	
	485	2,009	2,596	305	5,466	(1)
Entities controlled by the Government						
Enel Group	185	284		105	602	(8)
Italgas Group	3	154		1	677	
Snam Group	278	229		71	1,208	
Terna Group	40	45		171	223	17
GSE - Gestore Servizi Energetici	26	24		549	468	11
Other	10	19		12	35	
	542	755		909	3,213	20
Other related parties						
Groupement Sonatrach - Agip «GSA» and Organe Conjoint des Opérations «OC SH/FCP»	75	74		33	457	
	1,104	2,841	2,596	1,252	9,173	19

(*) Each individual amount included herein was lower than €50 million.

(€million) Name	December 31, 2018			2018		
	Receivables and other assets	Payables and other liabilities	Guarantees	Revenues	Costs	Other operating (expense) income
Joint ventures and associates						
Agiba Petroleum Co	1	96			156	
Angola LNG Supply Services Llc			177			
Coral FLNG SA	14		1,147	62		
Gas Distribution Company of Thessaloniki - Thessaly SA	1	18			51	
Saipem Group	75	171	793	30	420	
Karachaganak Petroleum Operating BV	27	134		1	998	
Mellitah Oil & Gas BV	1	268		1	502	
Petrobel Belayim Petroleum Co	56	2,029		7	2,282	
Unión Fenosa Gas SA	4	7	57	123		37
Vår Energi AS	13	100	218			
Other ^(*)	44	25		111	104	(26)
	236	2,848	2,392	335	4,513	11
Unconsolidated entities controlled by Eni						
Eni BTC Ltd			177			
Industria Siciliana Acido Fosforico - ISAF SpA (in liquidation)	87	1	5	11		
Other	6	23	14	7	13	
	93	24	196	18	13	
	329	2,872	2,588	353	4,526	11
Entities controlled by the Government						
Enel Group	134	151		118	514	227
Italgas Group	5	146		23	667	
Snam Group	237	289		109	1,184	(1)

Terna Group	26	47	150	231	8
GSE - Gestore Servizi Energetici	67	85	555	588	74
Other	25	18	45	34	
	494	736	1,000	3,218	308
Other related parties	1	2	4	32	
Groupement Sonatrach - Agip «GSA» and Organe Conjoint des Opérations «OC SH/FCP»	40	140	34	229	
	864	3,750	2,588	8,005	319

(*) Each individual amount included herein was lower than €50 million.

Schedule of financing transactions and balances with related parties

Financing transactions and balances with related parties					
(€million)					
	December 31, 2020			2020	
Name	Receivables	Payables	Guarantees	Gains	Charges
Joint ventures and associates					
Angola LNG Ltd			228		
Cardón IV SA	383			57	
Coral FLNG SA	288			22	1
Coral South FLNG DMCC			1,304		
Saipem Group	2	167			6
Société Centrale Electrique du Congo SA	83			7	
Other	15	12	1	27	18
	771	179	1,533	113	25
Unconsolidated entities controlled by Eni					
Other	36	28		1	
	36	28		1	
Entities controlled by the Government					
Other		11			1
		11			1
	807	218	1,533	114	26
(€million)					
	December 31, 2019			2019	
Name	Receivables	Payables	Guarantees	Gains	Charges
Joint ventures and associates					
Angola LNG Ltd			249		
Cardón IV SA	563	5		77	
Coral FLNG SA	253				2
Coral South FLNG DMCC			1,425		
Société Centrale Electrique du Congo SA	85				20
Other	18	14	2	18	14
	919	19	1,676	95	36
Unconsolidated entities controlled by Eni					
Other	48	28		1	
	48	28		1	
Entities controlled by the Government					
Other	4	12			
	4	12			
	971	59	1,676	96	36

	(€million)	December 31, 2018			2018	
		Receivables	Payables	Guarantees	Gains	Charges
	Joint ventures and associates					
	Angola LNG Ltd			245		
	Cardón IV SA	705	36		95	
	Coral FLNG SA	108				
	Coral South FLNG DMCC			1,397		
	Shatskorneftegaz Sàrl				7	267
	Société Centrale Electrique du Congo SA	64	30			5
	Vår Energi AS		494			
	Other	38	4	22	13	9
		915	564	1,664	115	281
	Unconsolidated entities controlled by Eni					
	Other	49	25			
		49	25			
	Entities controlled by the Government					
	Enel Group		64			
	Other		8			2
			72			2
		964	661	1,664	115	283
Schedule of impact of transactions and positions with related parties on balance sheet	The impact of transactions and positions with related parties on the balance sheet accounts consisted of the following:					
		December 31, 2020			December 31, 2019	
	(€million)	Total	Related parties	Impact %	Total	Related parties
	Other current financial assets	254	41	16.14	384	60
	Trade and other receivables	10,926	802	7.34	12,873	704
	Other current assets	2,686	145	5.40	3,972	219
	Other non-current financial assets	1,008	766	75.99	1,174	911
	Other non-current assets	1,253	74	5.91	871	181
	Short-term debt	2,882	52	1.80	2,452	46
	Current portion of long-term lease liabilities	849	54	6.36	889	5
	Trade and other payables	12,936	2,100	16.23	15,545	2,663
	Other current liabilities	4,872	452	9.28	7,146	155
	Non-current lease liabilities	4,169	112	2.69	4,759	8
	Other non-current liabilities	1,877	23	1.23	1,611	23
Schedule of impact of transactions with related parties on the profit and loss accounts	The impact of transactions with related parties on the profit and loss accounts consisted of the following:					
		2020			2019	
	(€million)	Total	Related parties	Impact %	Total	Related parties
	Sales from operations	43,987	1,164	2.65	69,881	1,248
	Other income and revenues	960	35	3.65	1,160	4
	Purchases, services and other	(33,551)	(6,595)	19.66	(50,874)	(9,173)
	Net (impairment losses) reversals of trade and other receivables	(226)	(6)	2.65	(432)	28
	Payroll and related costs	(2,863)	(36)	1.26	(2,996)	(28)
	Other operating income (expense)	(766)	13	—	287	19
	Finance income	3,531	114	3.23	3,087	96
	Finance expense	(4,958)	(26)	0.52	(4,079)	(36)
Schedule of main cash flows with related parties	Main cash flows with related parties are provided below:					
		2020			2019	
	(€million)	Total	Related parties	Impact %	Total	Related parties
	Sales from operations	43,987	1,164	2.65	69,881	1,248
	Other income and revenues	960	35	3.65	1,160	4
	Purchases, services and other	(33,551)	(6,595)	19.66	(50,874)	(9,173)
	Net (impairment losses) reversals of trade and other receivables	(226)	(6)	2.65	(432)	28
	Payroll and related costs	(2,863)	(36)	1.26	(2,996)	(28)
	Other operating income (expense)	(766)	13	—	287	19
	Finance income	3,531	114	3.23	3,087	96
	Finance expense	(4,958)	(26)	0.52	(4,079)	(36)

(€million)	2020	2019	2018
Revenues and other income	1,199	1,252	1,391
Costs and other expenses	(5,789)	(6,869)	(5,210)
Other operating (expense) income	13	19	319
Net change in trade and other receivables and payables	(136)	(839)	683
Net interests	73	81	110
Net cash provided from operating activities	(4,640)	(6,356)	(2,707)
Capital expenditure in tangible and intangible assets	(842)	(2,332)	(2,768)
Net change in accounts payable and receivable in relation to investments	(370)	(339)	20
Change in financial receivables	(160)	(241)	(566)
Net cash used in investing activities	(1,372)	(2,912)	(3,314)
Change in financial and lease liabilities	164	(817)	16
Net cash used in financing activities	164	(817)	16
Total financial flows to related parties	(5,848)	(10,085)	(6,005)

Schedule of impact of cash flows with related parties

The impact of cash flows with related parties consisted of the following:

(€million)	2020			2019			2018		
	Total	Related parties	Impact %	Total	Related parties	Impact %	Total	Related parties	Impact %
Net cash provided from operating activities	4,822	(4,640)	—	12,392	(6,356)	—	13,647	(2,707)	—
Net cash used in investing activities	(4,587)	(1,372)	29.91	(11,413)	(2,912)	25.51	(7,536)	(3,314)	43.98
Net cash used in financing activities	3,253	164	5.04	(5,841)	(817)	13.99	(2,637)	16	—

Other information about investments (Tables)	12 Months Ended						
	Dec. 31, 2020						
Disclosure of detailed information about investments							
Schedule of detailed information about parent company							
	Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership
	Eni SpA ⁶⁾	Rome	Italy	EUR	4,005,358,876	Cassa Depositi e Prestiti SpA	25.96
						Ministero dell'Economia e delle Finanze	4.37
						Eni SpA	0.92
						Other shareholders	68.75
Schedule of detailed information about principal joint ventures, joint operations and associates							
	Company name	Registered office	Country of operation	Business segment	% ownership interest	Eni's % of the investment	
	Joint venture						
	Vår Energi AS		Forus (Norway)	Norway	Exploration & Production	69.85	69.85
	Saipem SpA		San Donato Milanese (MI) (Italy)	Italy	Corporate and financial companies	30.54	31.08
	Unión Fenosa Gas SA		Madrid (Spain)	Spain	Global Gas & LNG Portfolio	50.00	50.00
	Cardón IV SA		Caracas (Venezuela)	Venezuela	Exploration & Production	50.00	50.00
	Gas Distribution Company of Thessaloniki - Thessaly SA		Ampelokipi- Menemeni (Greece)	Greece	Eni gas e luce	49.00	49.00
	Joint Operation						
	Mozambique Rovuma Venture SpA		San Donato Milanese (MI) (Italy)	Mozambique	Exploration & Production	35.71	35.71
	GreenStream BV		Amsterdam (Netherlands)	Libya	Global Gas & LNG Portfolio	50.00	50.00
	Associates						
	Abu Dhabi Oil Refining Co (Takreer)		Abu Dhabi (United Arab Emirates)	United Arab Emirates	Refining & Marketing	20.00	20.00
	Angola LNG Ltd		Hamilton (Bermuda)	Angola	Exploration & Production	13.60	13.60
	Coral FLNG SA		Maputo (Mozambique)	Mozambique	Exploration & Production	25.00	25.00
Schedule of joint ventures	Main line items of profit and loss and balance sheet related to the principal joint ventures, represented by the amounts included in the reports accounted under IFRS of each company, are provided in the table below:						
	2020						
		Vår Energi	Saipem	Unión Fenosa	Cardón IV	Gas Distribution Company of Thessaloniki -Thessaly	Other joint ventures
(€million)	AS	SpA	Gas SA	SA	SA		
Current assets	804	6,411	599	235	31	858	
- of which cash and cash equivalent	222	1,687	36		10	43	
Non-current assets	16,042	4,831	717	2,040	344	924	
Total assets	16,846	11,242	1,316	2,275	375	1,782	
Current liabilities	189	4,903	311	262	38	1,022	
- current financial liabilities	33	609	99		11	90	
Non-current liabilities	15,019	3,391	501	1,615	51	333	
- non-current financial liabilities	4,389	2,827	421	785	39	237	
Total liabilities	15,208	8,294	812	1,877	89	1,355	
Net equity	1,638	2,948	504	398	286	427	
Eni's % of the investment	69.85	31.08	50.00	50.00	49.00		
Book value of the investment	1,144	908	242	199	140	188	
Revenues and other income	2,450	7,408	854	612	62	286	
Operating expense	(980)	(6,980)	(805)	(453)	(19)	(304)	
Depreciation, amortization and impairments	(3,425)	(1,273)	(108)	(95)	(16)	(85)	
Operating profit (loss)	(1,955)	(845)	(59)	64	27	(103)	
Finance income (expense)	31	(166)	(29)	(98)	(1)	(21)	
Income (expense) from investments		37	3				
Profit (loss) before income taxes	(1,924)	(974)	(85)	(34)	26	(124)	
Income taxes	603	(143)	(2)	(58)	(6)	(4)	
Net profit (loss)	(1,321)	(1,117)	(87)	(92)	20	(128)	
Other comprehensive income (loss)	(273)	46	(33)	(35)		(25)	

Total other comprehensive income (loss)	(1,594)	(1,071)	(120)	(127)	20	(153)
Net profit (loss) attributable to Eni	(918)	(354)	(68)	(46)	10	(93)
Dividends received from the joint venture	274	3			9	10

2019

	Vår Energi	Saipem	Unión Fenosa	Cardón IV	Gas Distribution Company of Thessaloniki - Thessaly	Other joint ventures
(€million)	AS	SpA	Gas SA	SA	SA	
Current assets	1,385	7,012	585	208	31	551
- of which cash and cash equivalent	182	2,272	41	6	12	40
Non-current assets	18,427	5,997	827	2,383	322	1,085
Total assets	19,812	13,009	1,412	2,591	353	1,636
Current liabilities	2,374	5,204	225	255	24	819
- current financial liabilities	33	557	49		9	165
Non-current liabilities	13,820	3,680	563	2,040	46	354
- non-current financial liabilities	3,929	3,147	493	1,140	33	274
Total liabilities	16,194	8,884	788	2,295	70	1,173
Net equity	3,618	4,125	624	296	283	463
Eni's % of the investment	69.60	30.99	50.00	50.00	49.00	
Book value of the investment	2,518	1,250	326	148	139	199
Revenues and other income	2,552	9,118	1,255	598	58	270
Operating expense	(1,015)	(7,972)	(1,221)	(456)	(16)	(277)
Depreciation, amortization and impairments	(1,208)	(690)	(53)	(86)	(14)	(47)
Operating profit (loss)	329	456	(19)	56	28	(54)
Finance income (expense)	(1)	(210)	(37)	(133)	(1)	(14)
Income (expense) from investments		(18)	6			
Profit (loss) before income taxes	328	228	(50)	(77)	27	(68)
Income taxes	(258)	(130)	8	(103)	(7)	(12)
Net profit (loss)	70	98	(42)	(180)	20	(80)
Other comprehensive income (loss)	40	66	11	5		
Total other comprehensive income (loss)	110	164	(31)	(175)	20	(80)
Net profit (loss) attributable to Eni	49	4	(14)	(90)	10	(40)
Dividends received from the joint venture	1,057			10		6

Schedule of interests in associates

Main line items of profit and loss and balance sheet related to the principal associates represented by the amounts included in the reports accounted under IFRS of each company are provided in the table below:

2020

(€million)	Abu Dhabi Oil Refining Co (TAKREEER)	Angola LNG Ltd	Coral FLNG SA	Other associates
Current assets	1,391	618	133	623
- of which cash and cash equivalent	97	428	83	303
Non-current assets	17,938	8,633	4,777	4,072
Total assets	19,329	9,251	4,910	4,695
Current liabilities	4,897	424	172	656
- current financial liabilities	4,404	101		263
Non-current liabilities	2,757	1,187	4,186	3,068
- non-current financial liabilities	456	999	4,186	2,928
Total liabilities	7,654	1,611	4,358	3,724
Net equity	11,675	7,640	552	971
Eni's % of the investment	20.00	13.60	25.00	
Book value of the investment	2,335	1,039	138	321
Revenues and other income	11,933	976	1	954
Operating expense	(12,370)	(548)		(917)
Depreciation, amortization and impairments	(851)	(508)		(75)
Operating profit (loss)	(1,288)	(80)	1	(38)
Finance income (expense)	(91)	(96)	(11)	(13)
Income (expense) from investments				16
Profit (loss) before income taxes	(1,379)	(176)	(10)	(35)
Income taxes	4		2	(9)

Net profit (loss)	(1,375)	(176)	(8)	(44)
Other comprehensive income (loss)	(1,101)	(710)	(48)	(60)
Total other comprehensive income (loss)	(2,476)	(886)	(56)	(104)
Net profit (loss) attributable to Eni	(275)	(24)	(2)	(26)
Dividends received from the associate				13

2019	Abu Dhabi Oil Refining Co (TAKREER)	Angola LNG Ltd	Coral FLNG SA	Other associates
(€million)				
Current assets	4,659	890	241	838
- of which cash and cash equivalent	42	653	240	91
Non-current assets	18,868	9,952	4,119	3,259
Total assets	23,527	10,842	4,360	4,097
Current liabilities	8,470	185	230	585
- current financial liabilities	3,694			63
Non-current liabilities	912	2,135	3,722	2,677
- non-current financial liabilities	479	1,943	3,722	2,515
Total liabilities	9,382	2,320	3,952	3,262
Net equity	14,145	8,522	408	835
Eni's % of the investment	20.00	13.60	25.00	
Book value of the investment	2,829	1,159	102	264
Revenues and other income	399	1,552		818
Operating expense	(357)	(549)		(763)
Depreciation, amortization and impairments	(335)	(509)		(28)
Operating profit (loss)	(293)	494		27
Finance income (expense)	(46)	(151)	(12)	(2)
Income (expense) from investments	282			35
Profit (loss) before income taxes	(57)	343	(12)	60
Income taxes	11		5	(10)
Net profit (loss)	(46)	343	(7)	50
Other comprehensive income (loss)	(59)	162	8	5
Total other comprehensive income (loss)	(105)	505	1	55
Net profit (loss) attributable to Eni	(9)	47	(2)	22
Dividends received from the associate	46			15

Exploration & Production

Disclosure of detailed information about investments

Schedule of subsidiaries

Company name	Registered office	Country of operation	Currency	Share Capital	% Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Eni Angola SpA	San Donato Milanese (MI)	Angola	EUR	20,200,000	Eni SpA	100.00	100.00	F.C.
Eni Mediterranea Idrocarburi SpA	Gela (CL)	Italy	EUR	5,200,000	Eni SpA	100.00	100.00	F.C.
Eni Mozambico SpA	San Donato Milanese (MI)	Mozambique	EUR	200,000	Eni SpA	100.00	100.00	F.C.
Eni Timor Leste SpA	San Donato Milanese (MI)	East Timor	EUR	4,386,849	Eni SpA	100.00	100.00	F.C.
Eni West Africa SpA	San Donato Milanese (MI)	Angola	EUR	10,000,000	Eni SpA	100.00	100.00	F.C.
Floaters SpA	San Donato Milanese (MI)	Italy	EUR	200,120,000	Eni SpA	100.00	100.00	F.C.
Ieoc SpA	San Donato Milanese (MI)	Egypt	EUR	7,518,000	Eni SpA	100.00	100.00	F.C.
Società Petrolifera Italiana SpA	San Donato Milanese (MI)	Italy	EUR	8,034,400	Eni SpA	99.96	99.96	F.C.
					Third parties	0.04		

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

(#) Company with shares quoted in the regulated market of Italy or of other EU countries

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
<i>Outside Italy</i>								
Agip Caspian Sea BV	Amsterdam (Netherlands)	Kazakhstan	EUR	20,005	Eni International BV	100.00	100.00	F.C.
Agip Energy and Natural Resources (Nigeria) Ltd	Abuja (Nigeria)	Nigeria	NGN	5,000,000	Eni International BV	95.00	100.00	F.C.
					Eni Oil Holdings BV	5.00		

Agip Karachaganak BV	Amsterdam (Netherlands)	Kazakhstan	EUR	20,005	Eni International BV	100.00	100.00	F.C.
Burren Energy (Bermuda) Ltd ^{1b}	Hamilton (Bermuda)	United Kingdom	USD	12,002	Burren Energy Plc	100.00	100.00	F.C.
Burren Energy (Egypt) Ltd	London (United Kingdom)	Egypt	GBP	2	Burren Energy Plc	100.00		Eq.
Burren Energy Congo Ltd	Tortola (British Virgin Islands)	Republic of the Congo	USD	50,000	Burren En.(Berm)Ltd	100.00	100.00	F.C.
Burren Energy India Ltd	London (United Kingdom)	United Kingdom	GBP	2	Burren Energy Plc	100.00	100.00	F.C.
Burren Energy Plc	London (United Kingdom)	United Kingdom	GBP	28,819,023	Eni UK Holding Plc	99.99	100.00	F.C.
					Eni UK Ltd	(..)		
Burren Shakti Ltd ^{1b}	Hamilton (Bermuda)	United Kingdom	USD	213,138	Burren En. India Ltd	100.00	100.00	F.C.
Eni Abu Dhabi BV	Amsterdam (Netherlands)	United Arab Emirates	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni AEP Ltd	London (United Kingdom)	Pakistan	GBP	471,000	Eni UK Ltd	100.00	100.00	F.C.
Eni Albania BV	Amsterdam (Netherlands)	Netherlands	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Algeria Exploration BV	Amsterdam (Netherlands)	Algeria	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Algeria Ltd Sàrl	Luxembourg (Luxembourg)	Algeria	USD	20,000	Eni Oil Holdings BV	100.00	100.00	F.C.
Eni Algeria Production BV	Amsterdam (Netherlands)	Algeria	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Ambalat Ltd	London (United Kingdom)	Indonesia	GBP	1	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni America Ltd	Dover (USA)	USA	USD	72,000	Eni UHL Ltd	100.00	100.00	F.C.
Eni Angola Exploration BV	Amsterdam (Netherlands)	Angola	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Angola Production BV	Amsterdam (Netherlands)	Angola	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Argentina Exploración y Explotación SA	Buenos Aires (Argentina)	Argentina	ARS	205,000,000	Eni International BV	95.00	100.00	F.C.
					Eni Oil Holdings BV	5.00		

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Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Eni Arguni I Ltd	London (United Kingdom)	Indonesia	GBP	1	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni Australia BV	Amsterdam (Netherlands)	Australia	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Australia Ltd	London (United Kingdom)	Australia	GBP	20,000,000	Eni International BV	100.00	100.00	F.C.
Eni Bahrain BV	Amsterdam (Netherlands)	Bahrain	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni BB Petroleum Inc	Dover (USA)	USA	USD	1,000	Eni Petroleum Co Inc	100.00	100.00	F.C.
Eni BTC Ltd	London (United Kingdom)	United Kingdom	GBP	1	Eni International BV	100.00		Eq.
Eni Bukat Ltd	London (United Kingdom)	Indonesia	GBP	1	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni Canada Holding Ltd	Calgary (Canada)	Canada	USD	1,453,200,001	Eni International BV	100.00	100.00	F.C.
Eni CBM Ltd	London (United Kingdom)	Indonesia	USD	2,210,728	Eni Lasmo Plc	100.00		Eq.
Eni China BV	Amsterdam (Netherlands)	China	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Congo SA	Pointe - Noire (Republic of the Congo)	Republic of the Congo	USD	17,000,000	Eni E&P Holding BV	99.99	100.00	F.C.
					Eni Int. NA NV Sàrl	(..)		
					Eni International BV	(..)		
Eni Côte d'Ivoire Ltd	London (United Kingdom)	Ivory Coast	GBP	1	Eni Lasmo Plc	100.00	100.00	F.C.
Eni Cyprus Ltd	Nicosia (Cyprus)	Cyprus	EUR	2,007	Eni International BV	100.00	100.00	F.C.
Eni Denmark BV	Amsterdam (Netherlands)	Greenland	EUR	20,000	Eni International BV	100.00		Eq.
Eni do Brasil Investimentos em Exploração e Produção de Petróleo Ltda	Rio de Janeiro (Brazil)	Brazil	BRL	1,593,415,000	Eni International BV	99.99		Eq.
					Eni Oil Holdings BV	(..)		
Eni East Ganal Ltd	London (United Kingdom)	Indonesia	GBP	1	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni East Sepinggan Ltd	London (United Kingdom)	Indonesia	GBP	1	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni Elgin/ Franklin Ltd	London (United Kingdom)	United Kingdom	GBP	100	Eni UK Ltd	100.00	100.00	F.C.
Eni Energy Russia BV	Amsterdam (Netherlands)	Netherlands	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Exploration & Production Holding BV	Amsterdam (Netherlands)	Netherlands	EUR	29,832,777.12	Eni International BV	100.00	100.00	F.C.
Eni Gabon SA	Libreville (Gabon)	Gabon	XAF	4,000,000,000	Eni International BV	100.00	100.00	F.C.
Eni Ganal Ltd	London (United Kingdom)	Indonesia	GBP	2	Eni Indonesia Ltd	100.00	100.00	F.C.

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Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Eni Gas & Power LNG Australia BV	Amsterdam (Netherlands)	Australia	EUR	1,013,439	Eni International BV	100.00	100.00	F.C.
Eni Ghana Exploration and Production Ltd	Accra (Ghana)	Ghana	GHS	21,412,500	Eni International BV	100.00	100.00	F.C.
Eni Hewett Ltd	Aberdeen (United Kingdom)	United Kingdom	GBP	3,036,000	Eni UK Ltd	100.00	100.00	F.C.
Eni Hydrocarbons Venezuela Ltd	London (United Kingdom)	Venezuela	GBP	8,050,500	Eni Lasmo Plc	100.00	100.00	F.C.
Eni India Ltd	London (United Kingdom)	India	GBP	44,000,000	Eni Lasmo Plc	100.00		Eq.
Eni Indonesia Ltd	London (United Kingdom)	Indonesia	GBP	100	Eni ULX Ltd	100.00	100.00	F.C.
Eni Indonesia Ots I Ltd	Grand Cayman (Cayman Islands)	Indonesia	USD	1.01	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni International NA NV Sàrl	Luxembourg (Luxembourg)	United Kingdom	USD	25,000	Eni International BV	100.00	100.00	F.C.
Eni Investments Plc	London (United Kingdom)	United Kingdom	GBP	750,050,000	Eni SpA	99.99	100.00	F.C.
					Eni UK Ltd	(..)		

Eni Iran BV	Amsterdam (Netherlands)	Iran	EUR	20,000	Eni International BV	100.00		Eq.
Eni Iraq BV	Amsterdam (Netherlands)	Iraq	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Ireland BV	Amsterdam (Netherlands)	Ireland	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Isatay BV	Amsterdam (Netherlands)	Kazakhstan	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni JPDA 03-13 Ltd	London (United Kingdom)	Australia	GBP	250,000	Eni International BV	100.00	100.00	F.C.
Eni JPDA 06-105 Pty Ltd	Perth (Australia)	Australia	AUD	80,830,576	Eni International BV	100.00	100.00	F.C.
Eni JPDA 11-106 Pty	Amsterdam (Netherlands)	Australia	EUR	50,000	Eni International BV	100.00	100.00	F.C.
Eni Kenya BV	Amsterdam (Netherlands)	Kenya	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Krueng Mane Ltd	London (United Kingdom)	Indonesia	GBP	2	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni Lasmo Plc	London (United Kingdom)	United Kingdom	GBP	337,638,724.25	Eni Investments Plc	99.99	100.00	F.C.
					Eni UK Ltd	(..)		
Eni Lebanon BV	Amsterdam (Netherlands)	Lebanon	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Liverpool Bay Operating Co Ltd	London (United Kingdom)	United Kingdom	GBP	1	Eni UK Ltd	100.00		Eq.
Eni LNS Ltd	London (United Kingdom)	United Kingdom	GBP	1	Eni UK Ltd	100.00	100.00	F.C.
Eni Marketing Inc	Dover (USA)	USA	USD	1,000	Eni Petroleum Co Inc	100.00	100.00	F.C.
Eni Maroc BV	Amsterdam (Netherlands)	Morocco	EUR	20,000	Eni International BV	100.00	100.00	F.C.

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Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Eni Mexico S. de RL de CV	Lomas De Chapultepec, Mexico City (México)	Mexico	MXN	3,000	Eni International BV	99.90	100.00	F.C.
					Eni Oil Holdings BV	0.10		
Eni Middle East Ltd	London (United Kingdom)	United Kingdom	GBP	1	Eni ULT Ltd	100.00	100.00	F.C.
Eni MOG Ltd (in liquidation)	London (United Kingdom)	United Kingdom	GBP	0	Eni Lasmo Plc	99.99	100.00	F.C.
					Eni LNS Ltd	(..)		
Eni Montenegro BV	Amsterdam (Netherlands)	Republic of Montenegro	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Mozambique Engineering Ltd	London (United Kingdom)	United Kingdom	GBP	1	Eni Lasmo Plc	100.00	100.00	F.C.
Eni Mozambique LNG Holding BV	Amsterdam (Netherlands)	Netherlands	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Muara Bakau BV	Amsterdam (Netherlands)	Indonesia	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Myanmar BV	Amsterdam (Netherlands)	Myanmar	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni North Africa BV	Amsterdam (Netherlands)	Libya	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni North Galal Ltd	London (United Kingdom)	Indonesia	GBP	1	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni Oil & Gas Inc	Dover (USA)	USA	USD	100,800	Eni America Ltd	100.00	100.00	F.C.
Eni Oil Algeria Ltd	London (United Kingdom)	Algeria	GBP	1,000	Eni Lasmo Plc	100.00	100.00	F.C.
Eni Oil Holdings BV	Amsterdam (Netherlands)	Netherlands	EUR	450,000	Eni ULX Ltd	100.00	100.00	F.C.
Eni Oman BV	Amsterdam (Netherlands)	Oman	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Pakistan Ltd	London (United Kingdom)	Pakistan	GBP	90,087	Eni ULX Ltd	100.00	100.00	F.C.
Eni Pakistan (M) Ltd Sàrl	Luxembourg (Luxembourg)	Pakistan	USD	20,000	Eni Oil Holdings BV	100.00	100.00	F.C.
Eni Petroleum Co Inc	Dover (USA)	USA	USD	156,600,000	Eni SpA	63.86	100.00	F.C.
					Eni International BV	36.14		
Eni Petroleum US Llc	Dover (USA)	USA	USD	1,000	Eni BB Petroleum Inc	100.00	100.00	F.C.
Eni Portugal BV	Amsterdam (Netherlands)	Portugal	EUR	20,000	Eni International BV	100.00		Eq.
Eni RAK BV	Amsterdam (Netherlands)	United Arab Emirates	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Rapak Ltd	London (United Kingdom)	Indonesia	GBP	2	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni RD Congo SA	Kinshasa (Democratic Republic of the Congo)	Democratic Republic of the Congo	CDF	750,000,000	Eni International BV	99.99		Eq.
					Eni Oil Holdings BV	(..)		
Eni Rovuma Basin BV	Amsterdam (Netherlands)	Mozambique	EUR	20,000	Eni Mozambique LNG H. BV	100.00	100.00	F.C.
Eni Sharjah BV	Amsterdam (Netherlands)	United Arab Emirates	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni South Africa BV	Amsterdam (Netherlands)	Republic of South Africa	EUR	20,000	Eni International BV	100.00	100.00	F.C.

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Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Eni South China Sea Ltd Sàrl	Luxembourg (Luxembourg)	China	USD	20,000	Eni International BV	100.00		Eq.
Eni TNS Ltd	Aberdeen (United Kingdom)	United Kingdom	GBP	1,000	Eni UK Ltd	100.00	100.00	F.C.
Eni Tunisia BV	Amsterdam (Netherlands)	Tunisia	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Turkmenistan Ltd	Hamilton (Bermuda)	Turkmenistan	USD	20,000	Burren En.(Berm)Ltd	100.00	100.00	F.C.
Eni UHL Ltd	London (United Kingdom)	United Kingdom	GBP	1	Eni ULT Ltd	100.00	100.00	F.C.
Eni UK Holding Plc	London (United Kingdom)	United Kingdom	GBP	424,050,000	Eni Lasmo Plc	99.99	100.00	F.C.
					Eni UK Ltd	(..)		
Eni UK Ltd	London (United Kingdom)	United Kingdom	GBP	50,000,000	Eni International BV	100.00	100.00	F.C.
Eni UKCS Ltd	London (United Kingdom)	United Kingdom	GBP	100	Eni UK Ltd	100.00	100.00	F.C.

Eni Ukraine Holdings BV	Amsterdam (Netherlands)	Netherlands	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni Ukraine Llc	Kiev (Ukraine)	Ukraine	UAH	90,765,492.19	Eni Ukraine Hold.BV	99.99		Eq.
					Eni International BV	0.01		
Eni Ukraine Shallow Waters BV	Amsterdam (Netherlands)	Ukraine	EUR	20,000	Eni Ukraine Hold.BV	100.00		Eq.
Eni ULT Ltd	London (United Kingdom)	United Kingdom	GBP	93,215,492.25	Eni Lasmo Plc	100.00	100.00	F.C.
Eni ULX Ltd	London (United Kingdom)	United Kingdom	GBP	200,010,000	Eni ULT Ltd	100.00	100.00	F.C.
Eni US Operating Co Inc	Dover (USA)	USA	USD	1,000	Eni Petroleum Co Inc	100.00	100.00	F.C.
Eni USA Gas Marketing Llc	Dover (USA)	USA	USD	10,000	Eni Marketing Inc	100.00	100.00	F.C.
Eni USA Inc	Dover (USA)	USA	USD	1,000	Eni Oil & Gas Inc	100.00	100.00	F.C.
Eni Venezuela BV	Amsterdam (Netherlands)	Venezuela	EUR	20,000	Eni Venezuela E&P Holding	100.00	100.00	F.C.
Eni Venezuela E&P Holding SA	Bruxelles (Belgium)	Belgium	USD	254,443,200	Eni International BV	99.99	100.00	F.C.
					Eni Oil Holdings BV	(..)		
Eni Ventures Plc (in liquidation)	London (United Kingdom)	United Kingdom	GBP	0	Eni International BV	99.99		Co.
					Eni Oil Holdings BV	(..)		
Eni Vietnam BV	Amsterdam (Netherlands)	Vietnam	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni West Ganai Ltd	London (United Kingdom)	Indonesia	GBP	1	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni West Timor Ltd	London (United Kingdom)	Indonesia	GBP	1	Eni Indonesia Ltd	100.00	100.00	F.C.
Eni Yemen Ltd	London (United Kingdom)	United Kingdom	GBP	1,000	Burren Energy Plc	100.00		Eq.
Eurl Eni Algérie	Algiers (Algeria)	Algeria	DZD	1,000,000	Eni Algeria Ltd Sarl	100.00		Eq.

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Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
First Calgary Petroleums LP	Wilmington (USA)	Algeria	USD	1	Eni Canada Hold. Ltd FCP Partner Co ULC	99.99 0.01	100.00	F.C.
First Calgary Petroleums Partner Co ULC	Calgary (Canada)	Canada	CAD	10	Eni Canada Hold. Ltd	100.00	100.00	F.C.
Ieoc Exploration BV	Amsterdam (Netherlands)	Egypt	EUR	20,000	Eni International BV	100.00		Eq.
Ieoc Production BV	Amsterdam (Netherlands)	Egypt	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Lasmo Sanga Sanga Ltd	Hamilton (Bermuda)	Indonesia	USD	12,000	Eni Lasmo Plc	100.00	100.00	F.C.
Mizamtec Operating Company S. de RL de CV	Mexico City (Mexico)	Mexico	MXN	3,000	Eni US Op. Co Inc	99.90	100.00	F.C.
					Eni Petroleum Co Inc	0.10		
Liverpool Bay Ltd	London (United Kingdom)	United Kingdom	USD	1	Eni ULX Ltd	100.00		Eq.
Nigerian Agip CPFA Ltd	Lagos (Nigeria)	Nigeria	NGN	1,262,500	NAOC Ltd Agip	98.02		Co.
					En Nat Res.Ltd	0.99		
					Nigerian Agip E. Ltd	0.99		
Nigerian Agip Exploration Ltd	Abuja (Nigeria)	Nigeria	NGN	5,000,000	Eni International BV Eni Oil Holdings BV	99.99 0.01	100.00	F.C.
Nigerian Agip Oil Co Ltd	Abuja (Nigeria)	Nigeria	NGN	1,800,000	Eni International BV Eni Oil Holdings BV	99.89 0.11	100.00	F.C.
OOO ‘Eni Energhia’	Moscow (Russia)	Russia	RUB	2,000,000	Eni Energy Russia BV Eni Oil Holdings BV	99.90 0.10	100.00	F.C.
Zetah Congo Ltd	Nassau (Bahamas)	Republic of the Congo	USD	300	Eni Congo SA Burren En.Congo Ltd	66.67 33.33		Co.
Zetah Kouilou Ltd	Nassau (Bahamas)	Republic of the Congo	USD	2,000	Eni Congo SA Burren En.Congo Ltd	54.50 37.00		Co.
					Third parties	8.50		

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Schedule of interests in joint arrangements and associates

In Italy								
Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Mozambique Rovuma Venture SpA (†)	San Donato Milanese (MI)	Mozambique	EUR	20,000,000	Eni SpA Third parties	35.71 64.29	35.71	J.O.
Outside Italy								
Agiba Petroleum Co (†)	Cairo (Egypt)	Egypt	EGP		20,000 Ieoc Production BV Third parties		50.00 50.00	Co.
Angola LNG Ltd	Hamilton (Bermuda)	Angola	USD	9,952,000,000	Eni Angola Prod.BV		13.60	Eq.

					Third parties	86.40		
Ashrafi Island Petroleum Co	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	25.00	Co.	
					Third parties	75.00		
Barentsmorneftegaz Särk(†)	Luxembourg (Luxembourg)	Russia	USD	20,000	Eni Energy Russia BV	33.33	Eq.	
					Third parties	66.67		
Cabo Delgado Gas Development Limitada(†)	Maputo (Mozambique)	Mozambique	MZN	2,500,000	Eni Mozam.LNG H. BV	50.00	Co.	
					Third parties	50.00		
Cardón IV SA(†)	Caracas (Venezuela)	Venezuela	VES	172.1	Eni Venezuela BV	50.00	Eq.	
					Third parties	50.00		
Compañía Agua Plana SA	Caracas (Venezuela)	Venezuela	VES	0.001	Eni Venezuela BV	26.00	Co.	
					Third parties	74.00		
Coral FLNG SA	Maputo (Mozambique)	Mozambique	MZN	100,000,000	Eni Mozam.LNG H. BV	25.00	Eq.	
					Third parties	75.00		
Coral South FLNG DMCC	Dubai (United Arab Emirates)	United Arab Emirates	AED	500,000	Eni Mozam.LNG H. BV	25.00	Eq.	
					Third parties	75.00		
East Delta Gas Co (in liquidation)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	37.50	Co.	
					Third parties	62.50		
East Kanayis Petroleum Co(†)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	50.00	Co.	
					Third parties	50.00		
East Obaiyed Petroleum Co(†)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc SpA	50.00	Co.	
					Third parties	50.00		
El Tamsah Petroleum Co	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	25.00	Co.	
					Third parties	75.00		
El-Fayrouz Petroleum Co(†) (in liquidation)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Exploration BV	50.00		
					Third parties	50.00		
Fedyskmorneftegaz Särk(†)	Luxembourg (Luxembourg)	Russia	USD	20,000	Eni Energy Russia BV	33.33	Eq.	
					Third parties	66.67		
Isatay Operating Company Llp(†)	Nur-Sultan (Kazakhstan)	Kazakhstan	KZT	400,000	Eni Isatay BV	50.00	Co.	
					Third parties	50.00		
Karachaganak Petroleum Operating BV	Amsterdam (Netherlands)	Kazakhstan	EUR	20,000	Agip Karachag.BV	29.25	Co.	
					Third parties	70.75		
Karachaganak Project Development Ltd (KPD) (in liquidation)	Reading, Berkshire (United Kingdom)	United Kingdom	GBP	100	Agip Karachag.BV	38.00	Co.	
					Third parties	62.00		
Khaleej Petroleum Co Wll	Safat (Kuwait)	Kuwait	KWD	250,000	Eni Middle E. Ltd	49.00	Eq.	
					Third parties	51.00		
Liberty National Development Co Llc	Wilmington (USA)	USA	USD	0 ^(*)	Eni Oil & Gas Inc	32.50	Eq.	
					Third parties	67.50		
Mediterranean Gas Co	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	25.00	Co.	
					Third parties	75.00		
Meleilha Petroleum Company(†)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	50.00	Co.	
					Third parties	50.00		
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(†) Jointly controlled entity.								
(a) Shares without nominal value.								
Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Mellitah Oil & Gas BV(†)	Amsterdam (Netherlands)	Libya	EUR	20,000	Eni North Africa BV	50.00		Co.
					Third parties	50.00		
Nile Delta Oil Co Nidoco	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	37.50		Co.
					Third parties	62.50		
Norpipe Terminal Holdco Ltd	London (United Kingdom)	Norway	GBP	55.69	Eni SpA	14.20		Eq.
					Third parties	85.80		

North Bardawil Petroleum Co	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Exploration BV	30.00	
					Third parties	70.00	
North El Burg Petroleum Co	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc SpA	25.00	Co.
					Third parties	75.00	
Petrobel Belayim Petroleum Co(†)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	50.00	Co.
					Third parties	50.00	
PetroBicentenario SA(†)	Caracas (Venezuela)	Venezuela	VES	3,790	Eni Lasmo Plc	40.00	Eq.
					Third parties	60.00	
PetroJunin SA(†)	Caracas (Venezuela)	Venezuela	VES	24,021	Eni Lasmo Plc	40.00	Eq.
					Third parties	60.00	
PetroSucre SA	Caracas (Venezuela)	Venezuela	VES	2,203	Eni Venezuela BV	26.00	Eq.
					Third parties	74.00	
Pharaonic Petroleum Co	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	25.00	Co.
					Third parties	75.00	
Point Resources FPSO AS	Sandnes (Norway)	Norway	NOK	150,100,000	PR FPSO Holding AS	100.00	
Point Resources FPSO Holding AS	Sandnes (Norway)	Norway	NOK	60,000	Vår Energi AS	100.00	
Port Said Petroleum Co (†)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	50.00	Co.
					Third parties	50.00	
PR Jotun DA	Sandnes (Norway)	Norway	NOK	0 ^(*)	PR FPSO AS	95.00	
					PR FPSO Holding AS	5.00	
Raml Petroleum Co	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	22.50	Co.
					Third parties	77.50	
Ras Qattara Petroleum Co	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	37.50	Co.
					Third parties	62.50	
Rovuma Basin LNG Land Limitada(†)	Maputo (Mozambique)	Mozambique	MZN	140,000	Mozamb. Rov. V. SpA	33.33	Co.
					Third parties	66.67	
Rovuma LNG Investments (DIFC) Ltd	Dubai (United Arab Emirates)	Mozambique	USD	50,000	Eni Moz. LNG H. BV	25.00	Eq.
					Third parties	75.00	
Rovuma LNG SA	Maputo (Mozambique)	Mozambique	MZN	100,000,000	Eni Moz. LNG H. BV	25.00	Eq.
					Third parties	75.00	
Shorouk Petroleum Company	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Production BV	25.00	Co.
					Third parties	75.00	
Société Centrale Electrique du Congo SA	Pointe-Noire (Republic of the Congo)	Republic of the Congo	XAF	44,732,000,000	Eni Congo SA	20.00	Eq.
					Third parties	80.00	
Société Italo Tunisienne d'Exploitation Pétrolière SA(†)	Tunisi (Tunisia)	Tunisia	TND	5,000,000	Eni Tunisia BV	50.00	Eq.
					Third parties	50.00	
Sodeps - Société de Développement et d'Exploitation du Permis du Sud SA(†)	Tunisi (Tunisia)	Tunisia	TND	100,000	Eni Tunisia BV	50.00	Co.
					Third parties	50.00	
Thekah Petroleum Co (in liquidation)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Exploration BV	25.00	
					Third parties	75.00	
United Gas Derivatives Co	New Cairo (Egypt)	Egypt	USD	153,000,000	Eni International BV	33.33	Eq.
					Third parties	66.67	
Vår Energi AS(†)	Forus (Norway)	Norway	NOK	399,425,000	Eni International BV	69.85	Eq.
					Third parties	30.15	
Vår Energi Marine AS	Sandnes (Norway)	Norway	NOK	61,000,000	Vår Energi AS	100.00	
VIC CBM Ltd(†)	London (United Kingdom)	Indonesia	USD	52,315,912	Eni Lasmo Plc	50.00	Eq.
					Third parties	50.00	
Virginia Indonesia Co CBM Ltd(†)	London (United Kingdom)	Indonesia	USD	25,631,640	Eni Lasmo Plc	50.00	Eq.
					Third parties	50.00	
West Ashrafi Petroleum Co(†) (in liquidation)	Cairo (Egypt)	Egypt	EGP	20,000	Ieoc Exploration BV	50.00	
					Third parties	50.00	

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value
(†) Jointly controlled entity.
(a) Shares without nominal value.

Schedule of detailed information about other significant investments

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	Consolidation or valuation method(*)
In Italy							
Consorzio Universitario in Ingegneria per la Qualità e l’Innovazione	Pisa	Italy	EUR	136,000	Eni SpA	20.00	F.V.
					Third parties	80.00	

Outside Italy

Administradora del Golfo de Paria Este SA	Caracas (Venezuela)	Venezuela	VES		0.001	Eni Venezuela BV Third parties	19.50 80.50	F.V.
Brass LNG Ltd	Lagos (Nigeria)	Nigeria	USD		1,000,000	Eni Int. NA NV Sarl Third parties	20.48 79.52	F.V.
Darwin LNG Pty Ltd	West Perth (Australia)	Australia	AUD		187,569,921.42	Eni G&P LNG Aus. BV Third parties	10.99 89.01	F.V.
New Liberty Residential Co Llc	West Trenton (USA)	USA	USD		0 ⁰⁰	Eni Oil & Gas Inc Third parties	17.50 82.50	F.V.
Nigeria LNG Ltd	Port Harcourt (Nigeria)	Nigeria	USD		1,138,207,000	Eni Int. NA NV Sarl Third parties	10.40 89.60	F.V.
North Caspian Operating Company NV	The Hague (Netherlands)	Kazakhstan	EUR		128,520	Agip Caspian Sea BV Third parties	16.81 83.19	F.V.
OPCO - Sociedade Operacional Angola LNG SA	Luanda (Angola)	Angola	AOA		7,400,000	Eni Angola Prod.BV Third parties	13.60 86.40	F.V.
Petrolera Güiria SA	Caracas (Venezuela)	Venezuela	VES		10	Eni Venezuela BV Third parties	19.50 80.50	F.V.
SOMG - Sociedade de Operações e Manutenção de Gasodutos SA	Luanda (Angola)	Angola	AOA		7,400,000	Eni Angola Prod.BV Third parties	10.57 89.43	F.V.
Torsina Oil Co	Cairo (Egypt)	Egypt	EGP		20,000	leoc Production BV Third parties	12.50 87.50	F.V.

Global Gas & LNG Portfolio

Disclosure of detailed information about investments

Schedule of subsidiaries

In Italy	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Eni Gas Transport Services Srl	San Donato Milanese (MI)	Italy	EUR	120,000	Eni SpA	100.00		Co.
Eni Global Energy Markets SpA (former Eni Energy Activities Srl)	Rome	Italy	EUR	1,050,000	Eni SpA	100.00	100.00	F.C.
Eni Trading & Shipping SpA	Rome	Italy	EUR	60,036,650	Eni SpA	100.00	100.00	F.C.
LNG Shipping SpA	San Donato Milanese (MI)	Italy	EUR	240,900,000	Eni SpA	100.00	100.00	F.C.
Trans Tunisian Pipeline Co SpA	San Donato Milanese (MI)	Tunisia	EUR	1,098,000	Eni SpA	100.00	100.00	F.C.
Outside Italy								
Eni G&P Trading BV	Amsterdam (Netherlands)	Turkey	EUR	70,000	Eni International BV		100.00	F.C.
Eni Gas Liquefaction BV	Amsterdam (Netherlands)	Netherlands	EUR	20,000	Eni International BV		100.00	F.C.
Société de Service du Gazoduc Transtunisien SA - Sergaz SA	Tunisi (Tunisia)	Tunisia	TND	99,000	Eni International BV Third parties	66.67 33.33	66.67	F.C.
Société pour la Construction du Gazoduc Transtunisien SA - Scogat SA	Tunisi (Tunisia)	Tunisia	TND	200,000	Eni International BV Eni SpA	99.85 0.05	100.00	F.C.
					LNG Shipping SpA	0.05		
					Trans Tunis.P.Co SpA	0.05		

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

Schedule of interests in joint arrangements and associates

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
In Italy								
Mariconsult SpA(†)	Milan	Italy	EUR	120,000	Eni SpA	50.00		Eq.
					Third parties	50.00		
Transmed SpA(†)	Milan	Italy	EUR	240,000	Eni SpA	50.00		Eq.
					Third parties	50.00		

Outside Italy							
Angola LNG Supply Services Llc	Wilmington (USA)	USA	USD	19,278,782	Eni USA Gas M. Llc	13.60	Eq.
					Third parties	86.40	
Blue Stream Pipeline Co BV(†)	Amsterdam (Netherlands)	Russia	USD	22,000	Eni International BV	50.00	J.O.
					Third parties	50.00	
GreenStream BV(†)	Amsterdam (Netherlands)	Libya	EUR	200,000,000	Eni North Africa BV	50.00	J.O.
					Third parties	50.00	
Premium Multiservices SA	Tunisi (Tunisia)	Tunisia	TND	200,000	Sergaz SA	49.99	Eq.
					Third parties	50.01	
SAMCO Sagl	Lugano (Switzerland)	Switzerland	CHF	20,000	Transmed.Pip.Co Ltd	90.00	Eq.
					Eni International BV	5.00	
					Third parties	5.00	
Transmediterranean Pipeline Co Ltd(†)	St. Helier (Jersey)	Jersey	USD	10,310,000	Eni SpA	50.00	J.O.
					Third parties	50.00	
Unión Fenosa Gas SA(†)	Madrid (Spain)	Spain	EUR	32,772,000	Eni SpA	50.00	Eq.
					Third parties	50.00	

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value
(†) Jointly controlled entity.
(a) Equity ratio equal to the Eni's working interest.

Schedule of detailed information about other significant investments

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	Consolidation or valuation method(*)
Outside Italy							
Norsea Gas GmbH	Emden (Germany)	Germany	EUR	1,533,875.64	Eni International BV	13.04	F.V.
					Third parties	86.96	

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value
(a) Shares without nominal value.

Refining & Marketing and Chemical

Disclosure of detailed information about investments

Schedule of subsidiaries

Refining & Marketing and Chemical

Refining & Marketing

In Italy		Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Company name									
Ecofuel SpA	San Donato Milanese (MI)	Italy	EUR	52,000,000	Eni SpA	100.00	100.00		F.C.
Eni4Cities SpA	San Donato Milanese (MI)	Italy	EUR	50,000	Ecofuel SpA	100.00			Eq.
Eni Fuel SpA	Rome	Italy	EUR	58,944,310	Eni SpA	100.00	100.00		F.C.
Eni Trade & Biofuels SpA (former Eni Energia Srl)	Rome	Italy	EUR	3,050,000	Eni SpA	100.00	100.00		F.C.
Petroven Srl	Genova	Italy	EUR	918,520	Ecofuel SpA	100.00	100.00		F.C.
Raffineria di Gela SpA	Gela (CL)	Italy	EUR	15,000,000	Eni SpA	100.00	100.00		F.C.
SeaPad SpA	Genova	Italy	EUR	12,400,000	Ecofuel SpA	80.00			Eq.
					Third parties	20.00			
Servizi Fondo Bombole Metano SpA	Rome	Italy	EUR	13,580,000.20	Eni SpA	100.00			Co.

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

Outside Italy							
Eni Abu Dhabi Refining & Trading BV	Amsterdam (Netherlands)	Netherlands	EUR	20,000	Eni International BV	100.00	F.C.
Eni Abu Dhabi Refining & Trading Services BV	Amsterdam (Netherlands)	Netherlands	EUR	20,000	Eni Abu Dhabi R&T BV	100.00	Eq.
Eni Austria GmbH	Wien (Austria)	Austria	EUR	78,500,000	Eni International BV	75.00	F.C.
					Eni Deutsch.GmbH	25.00	

Eni Benelux BV	Rotterdam (Netherlands)	Netherlands	EUR	1,934,040	Eni International BV	100.00	100.00	F.C.
Eni Deutschland GmbH	Munich (Germany)	Germany	EUR	90,000,000	Eni International BV	89.00	100.00	F.C.
					Eni Oil Holdings BV	11.00		
Eni Ecuador SA	Quito (Ecuador)	Ecuador	USD	103,142.08	Eni International BV	99.93	100.00	F.C.
					Esain SA	0.07		
Eni France Sàrl	Lyon (France)	France	EUR	56,800,000	Eni International BV	100.00	100.00	F.C.
Eni Iberia SLU	Alcobendas (Spain)	Spain	EUR	17,299,100	Eni International BV	100.00	100.00	F.C.
Eni Lubricants Trading (Shanghai) Co Ltd	Shanghai (China)	China	EUR	5,000,000	Eni International BV	100.00	100.00	F.C.
Eni Marketing Austria GmbH	Wien (Austria)	Austria	EUR	19,621,665.23	Eni Mineralöih.GmbH	99.99	100.00	F.C.
					Eni International BV	(..)		
Eni Mineralölhandel GmbH	Wien (Austria)	Austria	EUR	34,156,232.06	Eni Austria GmbH	100.00	100.00	F.C.
Eni Schmiertechnik GmbH	Wurzburg (Germany)	Germany	EUR	2,000,000	Eni Deutsch.GmbH	100.00	100.00	F.C.
Eni Suisse SA	Lausanne (Switzerland)	Switzerland	CHF	102,500,000	Eni International BV	100.00	100.00	F.C.
Eni Trading & Shipping Inc	Dover (USA)	USA	USD	36,000,000	ETS SpA	100.00	100.00	F.C.
Eni Transporte y Suministro México, S. de RL de CV	Mexico City (Mexico)	Mexico	MXN	3,000	Eni International BV	99.90		Eq.
					Eni Oil Holdings BV	0.10		
Eni USA R&M Co Inc	Wilmington (USA)	USA	USD	11,000,000	Eni International BV	100.00		Eq.
Esacontrol SA	Quito (Ecuador)	Ecuador	USD	60,000	Eni Ecuador SA	87.00		Eq.
					Third parties	13.00		
Esain SA	Quito (Ecuador)	Ecuador	USD	30,000	Eni Ecuador SA	99.99	100.00	F.C.
					Tecnoesa SA	(..)		
Oléoduc du Rhône SA	Valais (Switzerland)	Switzerland	CHF	7,000,000	Eni International BV	100.00		Eq.
OOO “Eni-Nefto”	Moscow (Russia)	Russia	RUB	1,010,000	Eni International BV	99.01		Eq.
					Eni Oil Holdings BV	0.99		
Tecnoesa SA	Quito (Ecuador)	Ecuador	USD	36,000	Eni Ecuador SA	99.99		Eq.
					Esain SA	(..)		

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

Chemical

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
In Italy								
Versalis SpA	San Donato Milanese (MI)	Italy	EUR	1,364,790,000	Eni SpA	100.00	100.00	F.C.
Outside Italy								
Dunastyr Polisztirolgyártó Zártkörűen Működő Részvénytársaság	Budapest (Hungary)	Hungary	HUF	4,332,947,072	Versalis SpA Versalis Deutsc.GmbH		96.34 1.83	100.00 F.C.
					Versalis Int.SA		1.83	
Versalis Americas Inc	Dover (USA)	USA	USD	100,000	Versalis International SA		100.00	100.00 F.C.
Versalis Congo Sarlu	Pointe-Noire (Republic of the Congo)	Republic of the Congo	XAF	1,000,000	Versalis International SA		100.00	100.00 F.C.
Versalis Deutschland GmbH	Eschborn (Germany)	Germany	EUR	100,000	Versalis SpA		100.00	100.00 F.C.
Versalis France SAS	Mardyck (France)	France	EUR	126,115,582.90	Versalis SpA		100.00	100.00 F.C.
Versalis International SA	Bruxelles (Belgium)	Belgium	EUR	15,449,173.88	Versalis SpA Versalis Deutsc.GmbH		59.00 23.71	100.00 F.C.
					Dunastyr Zrt		14.43	
					Versalis France		2.86	
Versalis Kimya Ticaret Limited Sirketi	Istanbul (Turkey)	Turkey	TRY	20,000	Versalis Int. SA		100.00	100.00 F.C.
Versalis México S. de R.L. de CV	Mexico City (Mexico)	Mexico	MXN	1,000	Versalis Intern. SA Versalis SpA		99.00 1.00	100.00 F.C.
Versalis Pacific (India) Private Ltd	Mumbai (India)	India	INR	238,700	Versalis Sing. P. Ltd		99.99	Eq.
					Third parties		(..)	
Versalis Pacific Trading (Shanghai) Co Ltd	Shanghai (China)	China	CNY	1,000,000	Versalis SpA		100.00	100.00 F.C.
Versalis Singapore Pte Ltd	Singapore (Singapore)	Singapore	SGD	80,000	Versalis SpA		100.00	100.00 F.C.
Versalis UK Ltd	London (United Kingdom)	United Kingdom	GBP	4,004,042	Versalis SpA		100.00	100.00 F.C.
Versalis Zeal Ltd	Tokoradi (Ghana)	Ghana	GHS	5,650,000	Versalis Intern. SA Third parties		80.00 20.00	80.00 F.C.

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

Schedule of interests in joint arrangements and associates

Refining & Marketing and Chemical

Refining & Marketing

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
In Italy								
Arezzo Gas SpA (†)	Arezzo	Italy	EUR	394,000	Eni Fuel SpA Third parties	50.00 50.00		Eq.
CePIM Centro Padano Interscambio Merci SpA	Fontevivo (PR)	Italy	EUR	6,642,928.32	Ecofuel SpA Third parties	44.78 55.22		Eq.
Consorzio Operatori GPL di Napoli	Napoli	Italy	EUR	102,000	Eni Fuel SpA Third parties	25.00 75.00		Co.
Costiero Gas Livorno SpA(†)	Livorno	Italy	EUR	26,000,000	Eni Fuel SpA Third parties	65.00 35.00	65.00	J.O.
Disma SpA	Segrate (MI)	Italy	EUR	2,600,000	Eni Fuel SpA Third parties	25.00 75.00		Eq.
Livorno LNG Terminal SpA	Livorno	Italy	EUR	200,000	Costiero Gas Liv. SpA Third parties	50.00 50.00		Eq.
Porto Petroli di Genova SpA	Genova	Italy	EUR	2,068,000	Ecofuel SpA Third parties	40.50 59.50		Eq.
Raffineria di Milazzo ScpA(†)	Milazzo (ME)	Italy	EUR	171,143,000	Eni SpA Third parties	50.00 50.00	50.00	J.O.
Seram SpA	Fiumicino (RM)	Italy	EUR	852,000	Eni SpA Third parties	25.00 75.00		Eq.
Sigea Sistema Integrato Genova Arquata SpA	Genova	Italy	EUR	3,326,900	Ecofuel SpA Third parties	35.00 65.00		Eq.
Società Oleodotti Meridionali - SOM SpA(†)	San Donato Milanese (MI)	Italy	EUR	3,085,000	Eni SpA Third parties	70.00 30.00		Eq.

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(†) Jointly controlled entity.

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Outside Italy								
Abu Dhabi Oil Refining Company (TAKREER)	Abu Dhabi (United Arab Emirates)	United Arab Emirates	AED	500,000,000	Eni Abu Dhabi R&T BV Third parties	20.00 80.00		Eq.
ADNOC Global Trading Ltd	Abu Dhabi (United Arab Emirates)	United Arab Emirates	USD	1,000	Eni Abu Dhabi R&T BV Third parties	20.00 80.00		Eq.
AET - Raffineriebetelligungs gesellschaft mbH(†)	Schwedt (Germany)	Germany	EUR	27,000	Eni Deutsch.GmbH Third parties	33.33 66.67		Eq.
Bayernoil Raffineriegesellschaft mbH(†)	Vohburg (Germany)	Germany	EUR	10,226,000	Eni Deutsch.GmbH Third parties	20.00 80.00	20.00	J.O.
City Carbuoil SA(†)	Rivera (Switzerland)	Switzerland	CHF	6,000,000	Eni Suisse SA Third parties	49.91 50.09		Eq.
Egyptian International Gas Technology Co	Cairo (Egypt)	Egypt	EGP	100,000,000	Eni International BV Third parties	40.00 60.00		Co.
ENEOS Italsing Pte Ltd	Singapore (Singapore)	Singapore	SGD	12,000,000	Eni International BV Third parties	22.50 77.50		Eq.
Fuelling Aviation Services GIE	Tremblay en France (France)	France	EUR	1	Eni France Sarl Third parties	25.00 75.00		Co.
Mediterranée Bitumes SA	Tunisi (Tunisia)	Tunisia	TND	1,000,000	Eni International BV Third parties	34.00 66.00		Eq.
Routex BV	Amsterdam (Netherlands)	Netherlands	EUR	67,500	Eni International BV Third parties	20.00 80.00		Eq.
Saraco SA	Meyrin (Switzerland)	Switzerland	CHF	420,000	Eni Suisse SA	20.00		Co.

					Third parties	80.00		
Supermetanol CA(†)	Jose Puerto La Cruz (Venezuela)	Venezuela	VES	120,867	Ecofuel SpA Supermetanol CA	34.51 30.07	50.00	J.O.
					Third parties	35.42		
TBG Tanklager Betriebsgesellschaft GmbH(†)	Salzburg (Austria)	Austria	EUR	43,603.70	Eni Market.A.GmbH	50.00		Eq.
					Third parties	50.00		
Weat Electronic Datenservice GmbH	Düsseldorf (Germany)	Germany	EUR	409,034	Eni Deutsch.GmbH	20.00		Eq.
					Third parties	80.00		
(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value								
(†) Jointly controlled entity.								
(a) Controlling interest:	Ecofuel SpA			50.00				
	Third parties			50.00				
Chemical								

Schedule of detailed information about other significant investments

Refining & Marketing and Chemical

Refining & Marketing

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	Consolidation or valuation method(*)
In Italy							
Società Italiana Oleodotti di Gaeta SpA ^(a)	Rome	Italy	ITL	360,000,000	Eni SpA Third parties	72.48 27.52	F.V.

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	Consolidation or valuation method(*)
Outside Italy							
BFS Berlin Fuelling Services GbR	Hamburg (Germany)	Germany	EUR	89,199	Eni Deutsch.GmbH Third parties	12.50 87.50	F.V.
Compania de Economia Mixta 'Austrogas'	Cuenca (Ecuador)	Ecuador	USD	5,665,329	Eni Ecuador SA Third parties	13.38 86.62	F.V.
Dépôt Pétrolier de Fos SA	Fos-Sur-Mer (France)	France	EUR	3,954,196.40	Eni France Sàrl Third parties	16.81 83.19	F.V.
Dépôt Pétrolier de la Côte d'Azur SAS	Nanterre (France)	France	EUR	207,500	Eni France Sàrl Third parties	18.00 82.00	F.V.
Joint Inspection Group Ltd	London (United Kingdom)	United Kingdom	GBP	0	Eni SpA Third parties	12.50 87.50	F.V.
Saudi European Petrochemical Co "IBN ZAHB"	Al Jubail (Saudi Arabia)	Saudi Arabia	SAR	1,200,000,000	Ecofuel SpA Third parties	10.00 90.00	F.V.
S.I.P.G. Société Immobilière Pétrolière de Gestion Snc	Tremblay-En-France (France)	France	EUR	40,000	Eni France Sàrl Third parties	12.50 87.50	F.V.
Sistema Integrado de Gestion de Aceites Usados	Madrid (Spain)	Spain	EUR	175,713	Eni Iberia SLU Third parties	15.44 84.56	F.V.
Tanklager - Gesellschaft Tegel (TGT) GbR	Hamburg (Germany)	Germany	EUR	4,953	Eni Deutsch.GmbH Third parties	12.50 87.50	F.V.
TAR - Tankanlage Ruemlang AG	Ruemlang (Switzerland)	Switzerland	CHF	3,259,500	Eni Suisse SA Third parties	16.27 83.73	F.V.
Tema Lube Oil Co Ltd	Accra (Ghana)	Ghana	GHS	258,309	Eni International BV Third parties	12.00 88.00	F.V.

Chemical

In Italy							
Novamont SpA	Novara	Italy	EUR	13,333,500	Versalis SpA Third parties	25.00 75.00	F.V.

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(a) Shares without nominal value.

Eni gas e luce, Power & Renewables

Disclosure of detailed information about investments

Schedule of subsidiaries

Eni gas e luce, Power & Renewables

Eni gas e luce

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method ^(*)
In Italy								
Eni gas e luce SpA	San Donato Milanese (MI)	Italy	EUR	750,000,000	Eni SpA	100.00	100.00	F.C.
Evolvere Smart Srl	Milan	Italy	EUR	100,000	Evolvere Venture SpA	100.00	70.52	F.C.
Evolvere SpA Società Benefit	Milan	Italy	EUR	1,130,000	Eni gas e luce SpA Third parties	70.52 29.48	70.52	F.C.
Evolvere Venture SpA	Milan	Italy	EUR	50,000	Evolvere SpA Soc. Ben.	100.00	70.52	F.C.
SEA SpA	L'Aquila	Italy	EUR	100,000	Eni gas e luce SpA Third parties	60.00 40.00	60.00	F.C.
Outside Italy								

Adriaplin Podjetje za distribucijo zemeljskega plina doo Ljubljana	Ljubljana (Slovenia)	Slovenia	EUR	12,956,935	Eni gas e luce SpA	51.00	51.00	F.C.
					Third parties	49.00		
Eni Gas & Power France SA	Levallois Perret (France)	France	EUR	29,937,600	Eni gas e luce SpA	99.87	99.87	F.C.
					Third parties	0.13		
Gas Supply Company Thessaloniki - Thessalia SA	Thessaloniki (Greece)	Greece	EUR	13,761,788	Eni gas e luce SpA	100.00	100.00	F.C.

Power

In Italy

EniPower Mantova SpA	San Donato Milanese (MI)	Italy	EUR	144,000,000	EniPower SpA		86.50	86.50	F.C.
					Third parties		13.50		
EniPower SpA	San Donato Milanese (MI)	Italy	EUR	944,947,849	Eni SpA		100.00	100.00	F.C.

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

Renewables

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method ^(*)
In Italy								
CGDB Enrico Srl	San Donato Milanese (MI)	Italy	EUR	10,000	Eni New Energy SpA	100.00	100.00	F.C.
CGDB Laerte Srl	San Donato Milanese (MI)	Italy	EUR	10,000	Eni New Energy SpA	100.00	100.00	F.C.
Eni New Energy SpA	San Donato Milanese (MI)	Italy	EUR	9,296,000	Eni SpA	100.00	100.00	F.C.
Wind Park Laterza Srl	San Donato Milanese (MI)	Italy	EUR	10,000	Eni New Energy SpA	100.00	100.00	F.C.
Outside Italy								
Arm Wind LLP	Nur-Sultan (Kazakhstan)	Kazakhstan	KZT	7,963,200,000	Eni Energy Solutions BV	100.00	100.00	F.C.
Eni Energy Solutions BV	Amsterdam (Netherlands)	Netherlands	EUR	20,000	Eni International BV	100.00	100.00	F.C.
Eni New Energy Egypt SAE	Cairo (Egypt)	Egypt	EGP	250,000	Eni International BV	99.98		Eq.
					Ieoc Exploration BV	0.01		
					Ieoc Production BV	0.01		
Eni New Energy Pakistan (Private) Ltd	Saddar Town-Karachi (Pakistan)	Pakistan	PKR	136,000,000	Eni International BV	99.98	100.00	F.C.
					Eni Oil Hold. BV	0.01		
					Eni Pakistan Ltd (M)	0.01		
Eni New Energy US Inc	Dover (USA)	USA	USD	100	Eni Petroleum Co Inc	100.00	100.00	F.C.
Eni North Sea Wind Ltd	London (United Kingdom)	United Kingdom	GBP	10,000	Eni Energy Solutions BV	100.00		Eq.

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

Schedule of interests in joint arrangements and associates

Eni gas e luce, Power & Renewables

Eni gas e luce

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method ^(*)
In Italy								
E-Prosume Srl ^(*)	Milan	Italy	EUR	100,000	Evolvere Venture SpA	50.00		Eq.
					Third parties	50.00		
Evogy Srl	Seriate (BG)	Italy	EUR	10,000	Evolvere Venture SpA	40.00		Eq.
					Third parties	60.00		
PV Family Srl	Cagliari	Italy	EUR	131,200	Evolvere SpA Soc. Ben.	23.78		Eq.
					Third parties	76.22		
Renewable Dispatching Srl	Milan	Italy	EUR	49,000	Evolvere Venture SpA	40.00		Eq.
					Third parties	60.00		
Tate Srl	Bologna	Italy	EUR	408,509.29	Evolvere Venture SpA	20.00		Eq.
					Third parties	80.00		

<i>Outside Italy</i>								
Gas Distribution Company of Thessaloniki - Thessaly SA ^(*)	Ampelokipi-Menemeni (Greece)	Greece	EUR	247,127,605	Eni gas e luce SpA	49.00	Eq.	
					Third parties	51.00		
OVO Energy (France) SAS	Paris (France)	France	EUR	66,666.66	Eni gas e luce SpA	25.00	Eq.	
					Third parties	75.00		

Power

<i>In Italy</i>								
Società EniPower Ferrara Srl ^(*)	San Donato Milanese (MI)	Italy	EUR	140,000,000	EniPower SpA	51.00	Eq.	
					Third parties	49.00		

Renewables

<i>Outside Italy</i>								
Ayla Energy Ltd ^(*)	London (United Kingdom)	United Kingdom	USD	1,000	Eni En. Solutions BV	50.00	Eq.	
					Third parties	50.00		
Novis Renewables Holdings Llc	Wilmington (USA)	USA	USD	100	Eni New Energy US	49.00	Eq.	
					Third parties	51.00		
Novis Renewables Llc ^(*)	Wilmington (USA)	USA	USD	100	Eni New Energy US	50.00	Eq.	
					Third parties	50.00		
Société Energies Renouvelables Eni-ETAP SA ^(*)	Tunisi (Tunisia)	Tunisia	TND	1,000,000	Eni International BV	50.00	Eq.	
					Third parties	50.00		
Solenova Ltd ^(*)	London (United Kingdom)	United Kingdom	USD	1,580,000	Eni En. Solutions BV	50.00	Eq.	
					Third parties	50.00		

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value
(†) Jointly controlled entity.

Corporate and Other activities								
Disclosure of detailed information about investments								
Schedule of subsidiaries								
	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
Company name								
In Italy								
Agenzia Giornalistica Italia SpA	Rome	Italy	EUR	2,000,000	Eni SpA	100.00	100.00	F.C.
D-Service Media Srl (in liquidation)	Milan	Italy	EUR	75,000	D-Share SpA	100.00		Eq.
D-Share SpA	Milan	Italy	EUR	121,719.25	Agi SpA	55.21	55.21	F.C.
					Third parties	44.79		
Eni Corporate University SpA	San Donato Milanese (MI)	Italy	EUR	3,360,000	Eni SpA	100.00	100.00	F.C.
Eni Energia Italia Srl	San Donato Milanese (MI)	Italy	EUR	50,000	Eni SpA	100.00		Co.
Eni Nuova Energia Srl	San Donato Milanese (MI)	Italy	EUR	50,000	Eni SpA	100.00		Co.
EniProgetti SpA	Venezia Marghera (VE)	Italy	EUR	2,064,000	Eni SpA	100.00	100.00	F.C.
EniServizi SpA	San Donato Milanese (MI)	Italy	EUR	13,427,419.08	Eni SpA	100.00	100.00	F.C.
Serfactoring SpA	San Donato Milanese (MI)	Italy	EUR	5,160,000	Eni SpA	49.00	49.00	F.C.
					Third parties	51.00		
Servizi Aerei SpA	San Donato Milanese (MI)	Italy	EUR	79,817,238	Eni SpA	100.00	100.00	F.C.
Outside Italy								
Banque Eni SA	Bruxelles (Belgium)	Belgium	EUR	50,000,000	Eni International BV Eni Oil Holdings BV		99.90 0.10	100.00 F.C.
D-Share USA Corp.	New York (USA)	USA	USD	0 ⁰⁰	D-Share SpA		100.00	Co.
Eni Finance International SA	Bruxelles (Belgium)	Belgium	USD	1,480,365,336	Eni International BV Eni SpA		66.39 33.61	100.00 F.C.
Eni Finance USA Inc	Dover (USA)	USA	USD	15,000,000	Eni Petroleum Co Inc		100.00	100.00 F.C.
Eni Insurance DAC	Dublin (Ireland)	Ireland	EUR	500,000,000	Eni SpA		100.00	100.00 F.C.
Eni International BV	Amsterdam (Netherlands)	Netherlands	EUR	641,683,425	Eni SpA		100.00	100.00 F.C.
Eni International Resources Ltd	London (United Kingdom)	United Kingdom	GBP	50,000	Eni SpA Eni UK Ltd		99.99 (..)	100.00 F.C.
Eni Next Llc	Dover (USA)	USA	USD	100	Eni Petroleum Co Inc		100.00	100.00 F.C.

EniProgetti Egypt Ltd	Cairo (Egypt)	Egypt	EGP	50,000	Eni Progetti SpA	99.00		
					Eni SpA	1.00		Eq.
(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value (a) Shares without nominal value.								
Other activities								
Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
<i>In Italy</i>								
Anic Partecipazioni SpA (in liquidation)	Gela (CL)	Italy	EUR	23,519,847.16	Eni Rewind SpA Third parties	99.97 0.03		Eq.
Eni Rewind SpA	San Donato Milanese (MI)	Italy	EUR	355,145,040.30	Eni SpA Third parties	99.99 (..)	100.00	F.C.
Industria Siciliana Acido Fosforico - ISAF - SpA (in liquidation)	Gela (CL)	Italy	EUR	1,300,000	Eni Rewind SpA Third parties	52.00 48.00		Eq.
Ing. Luigi Conti Vecchi SpA	Assemini (CA)	Italy	EUR	5,518,620.64	Eni Rewind SpA	100.00	100.00	F.C.
<i>Outside Italy</i>								
Eni Rewind International BV	Amsterdam (Netherlands)	Netherlands	EUR	20,000	Eni International BV		100.00	Eq.
Oleodotto del Reno SA	Coira (Switzerland)	Switzerland	CHF	1,550,000	Eni Rewind SpA		100.00	Eq.
(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value								

Schedule of interests in joint arrangements and associates

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method(*)
<i>In Italy</i>								
Consorzio per l'attuazione del Progetto Divertor Tokamak Test DTT Scarl ⁽¹⁾	Frascati (RM)	Italy	EUR	1,000,000	Eni SpA	25.00		Co.
					Third parties	75.00		
Saipem SpA ⁽⁴⁾⁽¹⁾	San Donato Milanese (MI)	Italy	EUR	2,191,384,693	Eni SpA	30.54 ⁽⁴⁾		Eq.
					Saipem SpA	1.73		
					Third parties	67.73		
<i>Outside Italy</i>								
Commonwealth Fusion Systems Llc	Wilmington (USA)	USA	USD	215,000,515	Eni Next Llc			Eq.
					Third parties			
CZero Inc	Wilmington (USA)	USA	USD	8,116,660.78	Eni Next Llc			Eq.
					Third parties			
Form Energy Inc	Somerville (USA)	USA	USD	124,001,561.31	Eni Next Llc			Eq.
					Third parties			
Tecnico Engineering Contractors Llp ⁽¹⁾	Aksai (Kazakhstan)	Kazakhstan	KZT	29,478,455.00	Eni Next Llc	49.00		Eq.
					Third parties	51.00		
Other activities								
In Italy								
Progetto Nuraghe Scarl	Porto Torres (SS)	Italy	EUR	10,000	Eni Rewind SpA	48.55		Eq.
					Third parties	51.45		

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

(#) Company with shares quoted in the regulated market of Italy or of other EU countries

(†) Jointly controlled entity.

Schedule of detailed information about other significant investments

Other activities

Company name	Registered office	Country of operation	Currency	Share Capital	Shareholders	% Ownership	% Equity ratio	Consolidation or valuation method ^(*)
In Italy								
Ottana Sviluppo SpA (in bankruptcy)	Nuoro	Italy	EUR	516,000	Eni Rewind SpA	30.00		F.V.
					Third parties	70.00		

(*) F.C. = full consolidation, J.O. = joint operation, Eq. = equity-accounted, Co. = valued at cost, F.V. = valued at fair value

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Significant accounting policies, estimates and judgements - Currency (Details)	12 Months Ended														
	Dec. 31, 2020 €/ \$	Dec. 31, 2020 €/ £	Dec. 31, 2020 €/ \$	Dec. 31, 2019 €/ \$	Dec. 31, 2019 €/ \$	Dec. 31, 2019 €/ \$	Dec. 31, 2018 €/ \$	Dec. 31, 2018 €/ £	Dec. 31, 2018 €/ \$	Dec. 31, 2020 €/ £	Dec. 31, 2020 €/ \$	Dec. 31, 2019 €/ £	Dec. 31, 2019 €/ \$	Dec. 31, 2018 €/ £	Dec. 31, 2018 €/ \$
Significant accounting policies, estimates and judgements															
Annual average exchange rate	1.14	0.89	1.66	1.12	0.88	1.61	1.18	0.88	1.58						
Exchange rate	1.23	1.23	1.23	1.12	1.12	1.12	1.15	1.15	1.15	0.90	1.59	0.85	1.60	0.89	1.62

Significant accounting policies, estimates and judgements - Additional information (Details)	12 Months Ended
	Dec. 31, 2020
Significant accounting policies, estimates and judgements	
Period of capitalisation of costs directly associated with exploration well after drilling is completed	12 months
Number of days past due for financial asset to be considered in default	180 days

Cash and cash equivalents (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Cash and cash equivalents		
Cash and cash equivalents	€ 9,413	€ 5,994
Financial assets classified as cash and cash equivalents	6,913	3,984
Restricted cash	198	€ 198
Euro		
Cash and cash equivalents		
Short-term deposits, classified as cash equivalents	€ 5,948	
Average maturity period	50 days	
Effective interest rate	(0.40%)	
US Dollars		
Cash and cash equivalents		
Short-term deposits, classified as cash equivalents	€ 944	
Average maturity period	8 days	
Effective interest rate	0.25%	

Financial assets held for trading (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Financial assets held for trading		
Financial assets held for trading	€ 5,502	€ 6,760
Quoted bonds issued by sovereign state		
Financial assets held for trading		
Financial assets held for trading	1,223	1,462
Other		
Financial assets held for trading		
Financial assets held for trading	€ 4,279	€ 5,298

Financial assets held for trading - Breakdown by currency (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Financial assets held for trading		
Financial assets held for trading	€ 5,502	€ 6,760
Euro		
Financial assets held for trading		
Financial assets held for trading	3,731	4,272
US Dollars		
Financial assets held for trading		
Financial assets held for trading	1,688	2,279
Other		
Financial assets held for trading		
Financial assets held for trading	€ 83	€ 209

Financial assets held for trading - Breakdown by issuing entity and credit rating (Details) - Financial assets held for trading €in Millions	12 Months Ended
	Dec. 31, 2020 EUR (€)
Financial assets held for trading	
Nominal value	€ 5,450
Fair value	5,502
Quoted bonds issued by sovereign state	
Financial assets held for trading	
Nominal value	1,206
Fair value	1,223
Quoted bonds issued by sovereign states, Fixed rate bonds	
Financial assets held for trading	
Nominal value	854
Fair value	870
Quoted bonds issued by sovereign states, Fixed rate bonds Italy	
Financial assets held for trading	
Nominal value	499
Fair value	€ 506
Rating - Moody's	Baa3
Rating - S&P	BBB
Quoted bonds issued by sovereign states, Fixed rate bonds Chile	
Financial assets held for trading	
Nominal value	€ 187
Fair value	€ 192
Rating - Moody's	A1
Rating - S&P	A+
Quoted bonds issued by sovereign states, Fixed rate bonds Other countries	
Financial assets held for trading	
Nominal value	€ 168
Fair value	€ 172
Rating - Moody's	from Aaa to Baa1
Rating - S&P	from AAA to A-
Quoted bonds issued by sovereign states, Floating rate bonds	
Financial assets held for trading	
Nominal value	€ 352
Fair value	353
Quoted bonds issued by sovereign states, Floating rate bonds Italy	
Financial assets held for trading	
Nominal value	253
Fair value	€ 255
Rating - Moody's	Baa3
Rating - S&P	BBB

Quoted bonds issued by sovereign states, Floating rate bonds Germany	
Financial assets held for trading	
Nominal value	€ 56
Fair value	€ 55
Rating - Moody's	Aaa
Rating - S&P	AAA
Quoted bonds issued by sovereign states, Floating rate bonds Other countries	
Financial assets held for trading	
Nominal value	€ 43
Fair value	€ 43
Rating - Moody's	from Aaa to Baa3
Rating - S&P	from AA+ to BBB
Other Bonds	
Financial assets held for trading	
Nominal value	€ 4,244
Fair value	4,279
Other Bonds Fixed rate bonds	
Financial assets held for trading	
Nominal value	1,921
Fair value	1,957
Other Bonds Fixed rate bonds Quoted bonds issued by industrial companies	
Financial assets held for trading	
Nominal value	974
Fair value	€ 992
Rating - Moody's	from Aa2 to Baa3
Rating - S&P	from AA to BBB-
Other Bonds Fixed rate bonds Quoted bonds issued by financial and insurance companies	
Financial assets held for trading	
Nominal value	€ 893
Fair value	€ 910
Rating - Moody's	from Aa1 to Baa3
Rating - S&P	from AA+ to BBB-
Other Bonds Fixed rate bonds Other bond	
Financial assets held for trading	
Nominal value	€ 54
Fair value	€ 55
Rating - Moody's	from Aaa to Baa3
Rating - S&P	from AAA to BBB-
Other Bonds Floating rate bonds	
Financial assets held for trading	
Nominal value	€ 2,323
Fair value	2,322
Other Bonds Floating rate bonds Quoted bonds issued by industrial companies	
Financial assets held for trading	
Nominal value	791

Fair value	€ 787
Rating - Moody's	from Aa1 to Baa3
Rating - S&P	from AA+ to BBB-
Other Bonds Floating rate bonds Quoted bonds issued by financial and insurance companies	
Financial assets held for trading	
Nominal value	€ 1,298
Fair value	€ 1,301
Rating - Moody's	from Aa1 to Baa3
Rating - S&P	from AA+ to BBB-
Other Bonds Floating rate bonds Other bond	
Financial assets held for trading	
Nominal value	€ 234
Fair value	€ 234
Rating - Moody's	from Aaa to Baa3
Rating - S&P	from AAA to BBB-

Financial assets held for trading - Additional information (Details) - EUR (€) €in Thousands	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Financial assets held for trading		
Financial assets held for trading	€ 5,502,000	€ 6,760,000
Financial assets held for trading		
Financial assets held for trading		
Fair value	5,502,000	
Individual amount limit to be included in other related parties	50,000	
Financial assets held for trading Level 1		
Financial assets held for trading		
Fair value	5,248,000	
Financial assets held for trading Level 2		
Financial assets held for trading		
Fair value	254,000	
Securities lending		
Financial assets held for trading		
Financial assets held for trading	€ 1,361,000	€ 1,347,000

Trade and other receivables - Analysis (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Trade and other receivables		
Trade receivables	€ 7,087	€ 8,519
Receivables from divestments	21	30
Receivables from joint ventures in exploration and production activities	2,293	2,637
Other receivables	1,525	1,687
Total trade and other current receivables	€ 10,926	€ 12,873

Trade and other receivables - Risk exposure and expected losses (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Trade and other receivables		
Trade and other current receivables	€ 10,926	€ 12,873
Expected loss (% net of counterpart risk mitigation factors)	22.40%	20.10%
Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	€ 14,083	€ 16,119
Accumulated impairment		
Trade and other receivables		
Trade and other current receivables	(3,157)	(3,246)
Performing receivables Low risk		
Trade and other receivables		
Trade and other current receivables	€ 3,450	€ 4,756
Expected loss (% net of counterpart risk mitigation factors)	0.90%	0.30%
Performing receivables Low risk Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	€ 3,482	€ 4,769
Performing receivables Low risk Accumulated impairment		
Trade and other receivables		
Trade and other current receivables	(32)	(13)
Performing receivables Medium Risk		
Trade and other receivables		
Trade and other current receivables	€ 3,795	€ 3,453
Expected loss (% net of counterpart risk mitigation factors)	0.60%	0.10%
Performing receivables Medium Risk Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	€ 3,816	€ 3,457
Performing receivables Medium Risk Accumulated impairment		
Trade and other receivables		
Trade and other current receivables	(21)	(4)
Performing receivables High Risk		
Trade and other receivables		
Trade and other current receivables	€ 438	€ 1,449
Expected loss (% net of counterpart risk mitigation factors)	6.20%	1.10%
Performing receivables High Risk Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	€ 467	€ 1,465
Performing receivables High Risk Accumulated impairment		
Trade and other receivables		
Trade and other current receivables	(29)	(16)

Defaulted receivables		
Trade and other receivables		
Trade and other current receivables	€ 1,716	€ 1,776
Expected loss (% net of counterpart risk mitigation factors)	58.60%	58.90%
Defaulted receivables Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	€ 4,145	€ 4,323
Defaulted receivables Accumulated impairment		
Trade and other receivables		
Trade and other current receivables	(2,429)	(2,547)
Eni gas e luce customers		
Trade and other receivables		
Trade and other current receivables	€ 1,527	€ 1,439
Expected loss (% net of counterpart risk mitigation factors)	29.70%	31.60%
Eni gas e luce customers Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	€ 2,173	€ 2,105
Eni gas e luce customers Accumulated impairment		
Trade and other receivables		
Trade and other current receivables	(646)	(666)
Business customers Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	5,927	7,040
Business customers Performing receivables Low risk Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	1,398	1,922
Business customers Performing receivables Medium Risk Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	2,746	2,882
Business customers Performing receivables High Risk Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	432	840
Business customers Defaulted receivables Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	1,351	1,396
National oil companies and public administrations Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	4,121	4,627
National oil companies and public administrations Performing receivables Low risk Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	841	1,201
National oil companies and public administrations Performing receivables Medium Risk Gross carrying amount		

Trade and other receivables		
Trade and other current receivables	620	472
National oil companies and public administrations Performing receivables High Risk Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	7	244
National oil companies and public administrations Defaulted receivables Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	2,653	2,710
Other counterparties Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	4,035	4,452
Other counterparties Performing receivables Low risk Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	1,243	1,646
Other counterparties Performing receivables Medium Risk Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	450	103
Other counterparties Performing receivables High Risk Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	28	381
Other counterparties Defaulted receivables Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	141	217
Other counterparties Eni gas e luce customers Gross carrying amount		
Trade and other receivables		
Trade and other current receivables	€2,173	€2,105

Trade and other receivables - Provision matrix (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Trade and other receivables		
Trade and other receivables	€ 10,926	€ 12,873
Expected loss	22.40%	20.10%
Gross carrying amount		
Trade and other receivables		
Trade and other receivables	€ 14,083	€ 16,119
Accumulated impairment		
Trade and other receivables		
Trade and other receivables	(3,157)	(3,246)
Eni gas e luce customers		
Trade and other receivables		
Trade and other receivables	€ 1,527	€ 1,439
Expected loss	29.70%	31.60%
Eni gas e luce customers Not-past due		
Trade and other receivables		
Trade and other receivables	€ 1,245	€ 1,144
Expected loss	3.60%	1.40%
Eni gas e luce customers from 0 to 3 months		
Trade and other receivables		
Trade and other receivables	€ 98	€ 110
Expected loss	19.00%	19.70%
Eni gas e luce customers from 3 to 6 months		
Trade and other receivables		
Trade and other receivables	€ 31	€ 39
Expected loss	41.50%	40.00%
Eni gas e luce customers from 6 to 12 months		
Trade and other receivables		
Trade and other receivables	€ 53	€ 53
Expected loss	51.80%	48.00%
Eni gas e luce customers Over 12 months		
Trade and other receivables		
Trade and other receivables	€ 100	€ 93
Expected loss	83.30%	85.50%
Eni gas e luce customers Gross carrying amount		
Trade and other receivables		
Trade and other receivables	€ 2,173	€ 2,105
Eni gas e luce customers Gross carrying amount Not-past due		
Trade and other receivables		
Trade and other receivables	1,291	1,160
Eni gas e luce customers Gross carrying amount from 0 to 3 months		
Trade and other receivables		
Trade and other receivables	121	137
Eni gas e luce customers Gross carrying amount from 3 to 6 months		

Trade and other receivables		
Trade and other receivables	53	65
Eni gas e luce customers Gross carrying amount from 6 to 12 months		
Trade and other receivables		
Trade and other receivables	110	102
Eni gas e luce customers Gross carrying amount Over 12 months		
Trade and other receivables		
Trade and other receivables	598	641
Eni gas e luce customers Accumulated impairment		
Trade and other receivables		
Trade and other receivables	(646)	(666)
Eni gas e luce customers Accumulated impairment Not-past due		
Trade and other receivables		
Trade and other receivables	(46)	(16)
Eni gas e luce customers Accumulated impairment from 0 to 3 months		
Trade and other receivables		
Trade and other receivables	(23)	(27)
Eni gas e luce customers Accumulated impairment from 3 to 6 months		
Trade and other receivables		
Trade and other receivables	(22)	(26)
Eni gas e luce customers Accumulated impairment from 6 to 12 months		
Trade and other receivables		
Trade and other receivables	(57)	(49)
Eni gas e luce customers Accumulated impairment Over 12 months		
Trade and other receivables		
Trade and other receivables	(498)	(548)
Eni gas e luce customers Retail customer Gross carrying amount		
Trade and other receivables		
Trade and other receivables	1,778	1,618
Eni gas e luce customers Retail customer Gross carrying amount Not-past due		
Trade and other receivables		
Trade and other receivables	1,155	991
Eni gas e luce customers Retail customer Gross carrying amount from 0 to 3 months		
Trade and other receivables		
Trade and other receivables	105	105
Eni gas e luce customers Retail customer Gross carrying amount from 3 to 6 months		
Trade and other receivables		
Trade and other receivables	50	60
Eni gas e luce customers Retail customer Gross carrying amount from 6 to 12 months		

Trade and other receivables		
Trade and other receivables	102	86
Eni gas e luce customers Retail customer Gross carrying amount Over 12 months		
Trade and other receivables		
Trade and other receivables	366	376
Eni gas e luce customers Middle customer Gross carrying amount		
Trade and other receivables		
Trade and other receivables	334	403
Eni gas e luce customers Middle customer Gross carrying amount Not-past due		
Trade and other receivables		
Trade and other receivables	75	93
Eni gas e luce customers Middle customer Gross carrying amount from 0 to 3 months		
Trade and other receivables		
Trade and other receivables	16	29
Eni gas e luce customers Middle customer Gross carrying amount from 3 to 6 months		
Trade and other receivables		
Trade and other receivables	3	4
Eni gas e luce customers Middle customer Gross carrying amount from 6 to 12 months		
Trade and other receivables		
Trade and other receivables	8	14
Eni gas e luce customers Middle customer Gross carrying amount Over 12 months		
Trade and other receivables		
Trade and other receivables	232	263
Eni gas e luce customers Other customers Gross carrying amount		
Trade and other receivables		
Trade and other receivables	61	84
Eni gas e luce customers Other customers Gross carrying amount Not-past due		
Trade and other receivables		
Trade and other receivables	€61	76
Eni gas e luce customers Other customers Gross carrying amount from 0 to 3 months		
Trade and other receivables		
Trade and other receivables		3
Eni gas e luce customers Other customers Gross carrying amount from 3 to 6 months		
Trade and other receivables		
Trade and other receivables		1
Eni gas e luce customers Other customers Gross carrying amount from 6 to 12 months		
Trade and other receivables		
Trade and other receivables		2
Eni gas e luce customers Other customers Gross carrying amount Over 12 months		

Trade and other receivables		
Trade and other receivables		€2

Trade and other receivables - Valuation allowance for doubtful accounts (Details) - Trade and other receivables - Accumulated impairment - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Trade and other receivables		
Financial assets at beginning of period	€ 3,246	€ 3,150
Deductions	(357)	(603)
Other changes	(75)	79
Financial assets at end of period	3,157	3,246
Performing receivables		
Trade and other receivables		
Additions	112	95
Deductions	(82)	(119)
Defaulted receivables		
Trade and other receivables		
Additions	231	525
Deductions	€ (275)	€ (484)

Trade and other receivables - Net (impairment losses) reversals (Details) - Trade and other receivables - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Net (impairment losses) reversals of trade and other receivables			
New or increased provisions	€ (343)	€ (620)	€ (498)
Net credit losses	(36)	(45)	(37)
Reversals	153	233	120
Impairment loss on financial assets	€ (226)	€ (432)	€ (415)

Trade and other receivables - Additional information (Details) €in Millions	12 Months Ended	
	Dec. 31, 2020 EUR (€) shareholder	Dec. 31, 2019 EUR (€)
Trade and other receivables		
Decrease in trade receivables	€ 1,432	
Receivables sold without recourse	1,377	€ 1,782
Receivables from joint ventures in exploration and production activities	2,293	2,637
Other receivables	€ 1,525	€ 1,687
Expected credit loss rate	22.40%	20.10%
Trade and other current receivables	€ 10,926	€ 12,873
Timing of credit collection	1 year	
Counterparty risk mitigation	€ 1,016	2,914
Gas take-or-pay contracts		
Trade and other receivables		
Other receivables	€ 325	104
Maximum		
Trade and other receivables		
Receivables, payment terms	180 days	
Accumulated impairment		
Trade and other receivables		
Trade and other current receivables	€ (3,157)	€ (3,246)
Defaulted receivables		
Trade and other receivables		
Expected credit loss rate	58.60%	58.90%
Trade and other current receivables	€ 1,716	€ 1,776
Defaulted receivables Accumulated impairment		
Trade and other receivables		
Trade and other current receivables	(2,429)	(2,547)
Euro		
Trade and other receivables		
Trade and other current receivables	5,553	
US Dollars		
Trade and other receivables		
Trade and other current receivables	4,304	
Nigeria		
Trade and other receivables		
Receivables from joint ventures in exploration and production activities	1,015	1,052
Nigerian National Oil Company Nigeria		
Trade and other receivables		
Receivables from joint ventures in exploration and production activities	€ 605	764
Discount factor on overdue receivables	8.00%	
Nigerian National Oil Company Nigeria Minimum		
Trade and other receivables		
Reimbursement of amount, period	2 years	
Nigerian National Oil Company Nigeria Maximum		

Trade and other receivables		
Reimbursement of amount, period	3 years	
Local oil company Nigeria		
Trade and other receivables		
Receivables from joint ventures in exploration and production activities	€ 134	113
PDVSA Venezuela		
Trade and other receivables		
Other receivables	€ 376	373
Number of shareholders who purchased the receivables shareholder	2	
Expected credit loss rate	53.00%	
Trade and other receivables Accumulated impairment		
Trade and other receivables		
Utilizations	€ (357)	(603)
Trade and other receivables Performing receivables Accumulated impairment		
Trade and other receivables		
Additions	112	95
Utilizations	(82)	(119)
Trade and other receivables Defaulted receivables Accumulated impairment		
Trade and other receivables		
Additions	231	525
Utilizations	(275)	(484)
Eni gas e luce, Power & Renewables		
Trade and other receivables		
Receivables sold without recourse	324	
Eni gas e luce, Power & Renewables Trade and other receivables Accumulated impairment		
Trade and other receivables		
Utilizations	(200)	(343)
Eni gas e luce, Power & Renewables Trade and other receivables Accumulated impairment Retail customer		
Trade and other receivables		
Utilizations	(178)	(319)
Eni gas e luce, Power & Renewables Trade and other receivables Performing receivables Accumulated impairment		
Trade and other receivables		
Additions	84	65
Eni gas e luce, Power & Renewables Trade and other receivables Defaulted receivables Accumulated impairment Retail customer		
Trade and other receivables		
Additions	97	87
Global Gas & LNG Portfolio		
Trade and other receivables		
Receivables sold without recourse	323	

Refining & Marketing and Chemical		
Trade and other receivables		
Receivables sold without recourse	730	
Exploration & Production Trade and other receivables Accumulated impairment		
Trade and other receivables		
Utilizations	(101)	(177)
Exploration & Production Trade and other receivables Defaulted receivables Accumulated impairment		
Trade and other receivables		
Additions	118	€339
Exploration & Production Trade and other receivables PDVSA Accumulated impairment		
Trade and other receivables		
Utilizations	€ (73)	

Current and non-current inventories (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Current and non-current inventories		
Raw and auxiliary materials and consumables	€ 706	€ 950
Consumables for infrastructure and facility maintenance of perforation activities	1,580	1,477
Finished products and goods	1,603	2,284
Other	4	23
Inventories	€ 3,893	€ 4,734

Current and non-current inventories - Additional information (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Current and non-current inventories		
Materials and supplies	€ 1,580	€ 1,477
Finished products and goods	1,603	2,284
Inventories	3,893	4,734
Inventories held for compliance purposes	995	1,371
Accumulated impairment		
Current and non-current inventories		
Inventories	(348)	(377)
Natural gas and oil products		
Current and non-current inventories		
Finished products and goods	874	1,467
Chemical products		
Current and non-current inventories		
Finished products and goods	443	547
Oil and petroleum Italy		
Current and non-current inventories		
Inventories held for compliance purposes	977	1,353
Exploration & Production		
Current and non-current inventories		
Materials and supplies	€ 1,463	€ 1,359

Income tax receivables and payables (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Income tax receivables and payables		
Income tax receivables, Current	€ 184	€ 192
Income taxes receivables, Non current	153	173
Income tax payables, Current	243	456
Income tax payables, Non current	€ 360	€ 454

Income tax receivables and payables - Additional information (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Income tax receivables and payables		
Pending litigation with tax authorities	€ 254	€ 362

Other assets and liabilities (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Other assets and liabilities		
Fair value of derivative financial instruments, current assets	€ 1,548	€ 2,573
Other taxes, current assets	450	766
Other assets, current	688	633
Other current assets, total	2,686	3,972
Fair value of derivative financial instruments, non-current assets	152	54
Other taxes, non-current assets	181	223
Other assets, non-current	920	594
Other non-current assets, total	1,253	871
Fair value of derivatives financial instruments, current liabilities	1,609	2,704
Contract liabilities, current	1,298	1,669
Other taxes, current liabilities	1,124	1,411
Other liabilities, current	841	1,362
Other current liabilities, total	4,872	7,146
Fair value of derivatives financial instruments, non-current liabilities	162	50
Contract liabilities, non-current	394	456
Other taxes, non-current liabilities	26	63
Other liabilities, non-current	1,295	1,042
Other non-current liabilities, total	€ 1,877	€ 1,611

Other assets and liabilities - Additional information (Details) - EUR (€) € in Millions	Dec. 31, 2020	Dec. 31, 2019
Statement		
Value added tax receivables	€ 475	€ 742
Current value added tax receivables	315	557
Gas volume prepayments, current	53	
Gas volume prepayments, non-current	651	
Gas volume prepayments		174
Non-current receivables for investing activities	11	11
Excise duties and consumer taxes	516	628
Current value added tax payables	212	311
Liabilities for prepaid revenues and income	323	420
Value of gas not withdrawn by customers due to triggering of take-or-pay clause		148
Cautionary deposits	261	265
within 1 year		
Statement		
Value of gas not withdrawn by customers due to triggering of take-or-pay clause	65	
Over 12 months		
Statement		
Value of gas not withdrawn by customers due to triggering of take-or-pay clause	372	
Gas and electricity		
Statement		
Cautionary deposits	228	231
Engie SA		
Statement		
Current advances received	62	64
Non-current advances received	393	455
Egyptian state-owned partners		
Statement		
Current advances received	546	1,228
Exploration & Production		
Statement		
Underlifting positions	338	323
Overlifting imbalances	€ 559	€ 917

Property, plant and equipment (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Property, plant and equipment		
Property, plant and equipment - beginning of the year	€ 62,192	€ 60,302
Additions	4,407	8,049
Depreciation capitalized	104	216
Depreciation	(6,205)	(7,032)
Reversals	648	382
Impairments	(3,754)	(2,412)
Write-off	(305)	(270)
Disposals		(113)
Currency translation differences	(4,140)	1,044
Initial recognition and changes in estimates	955	2,074
Other changes	41	(48)
Property, plant and equipment - end of the year	53,943	62,192
Land and buildings		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	1,218	1,274
Additions	12	12
Depreciation	(55)	(60)
Reversals	13	44
Impairments	(82)	(47)
Disposals		(1)
Currency translation differences	(2)	2
Transfers	39	42
Other changes	(15)	(48)
Property, plant and equipment - end of the year	1,128	1,218
E&P wells, plant and machinery		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	46,492	42,856
Additions	6	144
Depreciation	(5,642)	(6,435)
Reversals	183	65
Impairments	(1,551)	(659)
Disposals		(3)
Currency translation differences	(3,325)	815
Initial recognition and changes in estimates	870	2,028
Transfers	2,677	7,568
Other changes	(62)	113
Property, plant and equipment - end of the year	39,648	46,492
Other plant and machinery		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	3,632	3,901
Additions	229	223
Depreciation	(508)	(537)
Reversals	342	69
Impairments	(972)	(500)

Write-off	(1)	(5)
Disposals		(1)
Currency translation differences	(75)	21
Transfers	755	597
Other changes	(103)	(136)
Property, plant and equipment - end of the year	3,299	3,632
E&P exploration assets and appraisal		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	1,563	1,267
Additions	265	508
Depreciation capitalized	4	14
Write-off	(296)	(216)
Disposals		(22)
Currency translation differences	(119)	24
Initial recognition and changes in estimates	(9)	25
Transfers	(47)	(42)
Other changes	(20)	5
Property, plant and equipment - end of the year	1,341	1,563
E&P tangible assets in progress		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	7,412	9,195
Additions	3,127	6,170
Depreciation capitalized	100	202
Reversals	98	65
Impairments	(567)	(669)
Write-off	(7)	(49)
Disposals		(80)
Currency translation differences	(605)	181
Initial recognition and changes in estimates	94	21
Transfers	(2,630)	(7,526)
Other changes	96	(98)
Property, plant and equipment - end of the year	7,118	7,412
Other tangible assets in progress and advances		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	1,875	1,809
Additions	768	992
Reversals	12	139
Impairments	(582)	(537)
Write-off	(1)	
Disposals		(6)
Currency translation differences	(14)	1
Transfers	(794)	(639)
Other changes	145	116
Property, plant and equipment - end of the year	1,409	1,875
Gross carrying amount		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	192,815	
Property, plant and equipment - end of the year	184,641	192,815
Gross carrying amount Land and buildings		

Property, plant and equipment		
Property, plant and equipment - beginning of the year	4,067	
Property, plant and equipment - end of the year	4,082	4,067
Gross carrying amount E&P wells, plant and machinery		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	144,789	
Property, plant and equipment - end of the year	136,468	144,789
Gross carrying amount Other plant and machinery		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	28,191	
Property, plant and equipment - end of the year	28,839	28,191
Gross carrying amount E&P exploration assets and appraisal		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	1,563	
Property, plant and equipment - end of the year	1,341	1,563
Gross carrying amount E&P tangible assets in progress		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	11,406	
Property, plant and equipment - end of the year	11,169	11,406
Gross carrying amount Other tangible assets in progress and advances		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	2,799	
Property, plant and equipment - end of the year	2,742	2,799
Accumulated depreciation, amortisation and impairment		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	(130,623)	
Property, plant and equipment - end of the year	(130,698)	(130,623)
Accumulated depreciation, amortisation and impairment Land and buildings		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	(2,849)	
Property, plant and equipment - end of the year	(2,954)	(2,849)
Accumulated depreciation, amortisation and impairment E&P wells, plant and machinery		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	(98,297)	
Property, plant and equipment - end of the year	(96,820)	(98,297)
Accumulated depreciation, amortisation and impairment Other plant and machinery		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	(24,559)	
Property, plant and equipment - end of the year	(25,540)	(24,559)
Accumulated depreciation, amortisation and impairment E&P tangible assets in progress		
Property, plant and equipment		

Property, plant and equipment - beginning of the year	(3,994)	
Property, plant and equipment - end of the year	(4,051)	(3,994)
Accumulated depreciation, amortisation and impairment Other tangible assets in progress and advances		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	(924)	
Property, plant and equipment - end of the year	€ (1,333)	€ (924)

Property, plant and equipment - Depreciation rates (Details)	12 Months Ended
	Dec. 31, 2020
Buildings Minimum	
Property, plant and equipment	
Depreciation rate, property, plant and equipment	2.00%
Buildings Maximum	
Property, plant and equipment	
Depreciation rate, property, plant and equipment	10.00%
Mineral exploration wells and plants	
Property, plant and equipment	
Description of useful life, property, plant and equipment	UOP
Refining and chemical plants Minimum	
Property, plant and equipment	
Depreciation rate, property, plant and equipment	3.00%
Refining and chemical plants Maximum	
Property, plant and equipment	
Depreciation rate, property, plant and equipment	17.00%
Gas pipelines and compression stations Minimum	
Property, plant and equipment	
Depreciation rate, property, plant and equipment	4.00%
Gas pipelines and compression stations Maximum	
Property, plant and equipment	
Depreciation rate, property, plant and equipment	12.00%
Power plants Minimum	
Property, plant and equipment	
Depreciation rate, property, plant and equipment	4.00%
Power plants Maximum	
Property, plant and equipment	
Depreciation rate, property, plant and equipment	5.00%
Other plant and machinery Minimum	
Property, plant and equipment	
Depreciation rate, property, plant and equipment	6.00%
Other plant and machinery Maximum	
Property, plant and equipment	
Depreciation rate, property, plant and equipment	12.00%
Industrial and commercial equipment Minimum	
Property, plant and equipment	
Depreciation rate, property, plant and equipment	5.00%
Industrial and commercial equipment Maximum	
Property, plant and equipment	
Depreciation rate, property, plant and equipment	25.00%
Other assets Minimum	
Property, plant and equipment	
Depreciation rate, property, plant and equipment	10.00%
Other assets Maximum	
Property, plant and equipment	
Depreciation rate, property, plant and equipment	20.00%

Property, plant and equipment - Changes related to suspended wells (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Property, plant and equipment			
Property, plant and equipment - beginning of the year	€ 62,192	€ 60,302	
Disposals		(113)	
Currency translation differences	(4,140)	1,044	
Property, plant and equipment - end of the year	53,943	62,192	€ 60,302
Suspended exploration wells pending final determination			
Property, plant and equipment			
Property, plant and equipment - beginning of the year	1,246	1,101	1,263
Increases for which is ongoing the determination of proved reserves	408	368	235
Amounts previously capitalized and expensed in the year	(226)	(183)	(61)
Reclassification to successful exploratory wells following the estimation of proved reserves	(48)	(46)	(297)
Disposals		(15)	(6)
Changes in the scope of consolidation			(58)
Reclassification to assets held for sale			(24)
Currency translation differences	(112)	21	49
Property, plant and equipment - end of the year	€ 1,268	€ 1,246	€ 1,101

Property, plant and equipment - Stratification of suspended wells (Details) €in Millions	Dec. 31, 2020 EUR (€ item	Dec. 31, 2019 EUR (€ item	Dec. 31, 2018 EUR (€ item	Dec. 31, 2017 EUR (€
Property, plant and equipment				
Property, plant and equipment	€53,943	€62,192	€60,302	
Suspended exploration wells pending final determination				
Property, plant and equipment				
Property, plant and equipment	€1,268	€1,246	€1,101	€1,263
Costs capitalized and suspended for exploratory well activity, number of wells in Eni's interest item	37.0	40.5	34.1	
Suspended exploration wells pending final determination fields including wells drilled over the last 12 months				
Property, plant and equipment				
Property, plant and equipment	€157	€185	€111	
Costs capitalized and suspended for exploratory well activity, number of wells in Eni's interest item	6.7	7.7	7.0	
Suspended exploration wells pending final determination fields for which the delineation campaign is in progress				
Property, plant and equipment				
Property, plant and equipment	€631	€556	€217	
Costs capitalized and suspended for exploratory well activity, number of wells in Eni's interest item	14.9	11.3	4.7	
Suspended exploration wells pending final determination fields including commercial discoveries that proceeds to sanctioning				
Property, plant and equipment				
Property, plant and equipment	€480	€505	€773	
Costs capitalized and suspended for exploratory well activity, number of wells in Eni's interest item	15.4	21.5	22.4	
Suspended exploration wells pending final determination within 1 year				
Property, plant and equipment				
Property, plant and equipment	€157	€185	€111	
Costs capitalized and suspended for exploratory well activity, number of wells in Eni's interest item	6.7	7.7	7.0	
Suspended exploration wells pending final determination between 1 and 3 years				
Property, plant and equipment				
Property, plant and equipment	€250	€171	€87	
Costs capitalized and suspended for exploratory well activity, number of wells in Eni's interest item	11.0	6.4	2.9	
Suspended exploration wells pending final determination beyond 3 years				
Property, plant and equipment				
Property, plant and equipment	€861	€890	€903	
Costs capitalized and suspended for exploratory well activity, number of wells in Eni's interest item	19.3	26.4	24.2	

Property, plant and equipment - Unproved mineral interests (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Property, plant and equipment		
Property, plant and equipment - beginning of the year	€ 62,192	€ 60,302
Additions	4,407	8,049
Currency translation differences	(4,140)	1,044
Property, plant and equipment - end of the year	53,943	62,192
Unproved mineral interest		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	2,162	2,478
Additions	57	256
Net (impairments) reversals	(196)	(495)
Reclassification to proved mineral interest	(90)	(129)
Currency translation differences	(170)	52
Property, plant and equipment - end of the year	1,763	2,162
Unproved mineral interest Congo		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	253	769
Net (impairments) reversals	(25)	(533)
Currency translation differences	(25)	17
Property, plant and equipment - end of the year	203	253
Unproved mineral interest Nigeria		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	939	921
Currency translation differences	(79)	18
Property, plant and equipment - end of the year	860	939
Unproved mineral interest Turkmenistan		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	139	77
Net (impairments) reversals	(134)	65
Reclassification to proved mineral interest	(2)	(4)
Currency translation differences	(3)	1
Property, plant and equipment - end of the year		139
Unproved mineral interest USA		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	162	103
Additions		97
Net (impairments) reversals	(37)	(27)
Reclassification to proved mineral interest		(14)
Currency translation differences	(11)	3
Property, plant and equipment - end of the year	114	162
Unproved mineral interest Algeria		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	115	77
Additions	55	135
Reclassification to proved mineral interest	(61)	(99)

Currency translation differences	(9)	2
Property, plant and equipment - end of the year	100	115
Unproved mineral interest Egypt		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	19	29
Additions	2	1
Reclassification to proved mineral interest	(2)	(12)
Currency translation differences	(1)	1
Property, plant and equipment - end of the year	18	19
Unproved mineral interest United Arab Emirates		
Property, plant and equipment		
Property, plant and equipment - beginning of the year	535	502
Additions		23
Reclassification to proved mineral interest	(25)	
Currency translation differences	(42)	10
Property, plant and equipment - end of the year	€ 468	€ 535

Property, plant and equipment - Additional information (Details) - EUR (€) €in Millions	12 Months Ended			
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018	Dec. 31, 2017
Property, plant and equipment				
Borrowing costs capitalised	€ 73	€ 93	€ 52	
Capital expenditure	4,407	8,049		
Currency translation differences	(4,140)	1,044		
Initial recognition and changes in estimates	955	2,074		
Write-off	305	270		
Property, plant and equipment	53,943	62,192	60,302	
Property, plant and equipment, pledged as security	24	24		
Government grants	103	€ 112		
Property, plant and equipment subject to operating leases				
Property, plant and equipment				
Property, plant and equipment	€ 358			
Minimum				
Property, plant and equipment				
Interest rate used for capitalizing finance expense	1.30%	2.60%		
Maximum				
Property, plant and equipment				
Interest rate used for capitalizing finance expense	2.20%	2.80%		
Accumulated impairment				
Property, plant and equipment				
Property, plant and equipment	€ (20,343)	€ (18,226)		
Estimated costs for social projects				
Property, plant and equipment				
Initial recognition and changes in estimates	439			
US Dollars				
Property, plant and equipment				
Currency translation differences	(4,068)			
Nigeria Oil Prospecting License 245				
Property, plant and equipment				
Property, plant and equipment	1,085			
Unproved mineral interest				
Property, plant and equipment				
Capital expenditure	57	256		
Currency translation differences	(170)	52		
Property, plant and equipment	1,763	2,162	2,478	
Unproved mineral interest Nigeria Oil Prospecting License 245				
Property, plant and equipment				
Property, plant and equipment	€ 800			
Unproved mineral interest Nigeria Oil Prospecting License 245 International oil company				
Property, plant and equipment				
Proportion of ownership interest in joint operation	50.00%			
Unproved mineral interest Nigeria Oil Prospecting				

License 245 Nigeria Government				
Property, plant and equipment				
Proportion of ownership interest in joint operation	50.00%			
E&P wells, plant and machinery				
Property, plant and equipment				
Capital expenditure	€6	144		
Currency translation differences	(3,325)	815		
Initial recognition and changes in estimates	870	2,028		
Property, plant and equipment	39,648	46,492	42,856	
E&P wells, plant and machinery Egypt, Italy, Algeria, Iraq, United States, Kazakhstan, and Mexico				
Property, plant and equipment				
Transfers	1,690			
E&P exploration assets and appraisal				
Property, plant and equipment				
Capital expenditure	265	508		
Currency translation differences	(119)	24		
Initial recognition and changes in estimates	(9)	25		
Write-off	296	216		
Property, plant and equipment	1,341	1,563	1,267	
E&P exploration assets and appraisal Libya, United States, Angola, Egypt, Oman, Mexico and Lebanon				
Property, plant and equipment				
Write-off	296			
Suspended exploration wells pending final determination				
Property, plant and equipment				
Currency translation differences	(112)	21	49	
Property, plant and equipment	1,268	1,246	1,101	€ 1,263
Exploration wells in progress				
Property, plant and equipment				
Property, plant and equipment	66			
Exploration & Production				
Property, plant and equipment				
Borrowing costs capitalised	51	71		
Capital expenditure	3,444	6,889		
Bonuses included in capital expenditure	57			
Exploration & Production Unproved mineral interest Algeria				
Property, plant and equipment				
Bonuses included in capital expenditure	55			
fields including commercial discoveries that proceeds to sanctioning Suspended exploration wells pending final determination				
Property, plant and equipment				
Property, plant and equipment	480	€ 505	€ 773	
fields including commercial discoveries that proceeds to sanctioning Suspended exploration wells pending final determination Mozambique's offshore Area 4				
Property, plant and equipment				
Property, plant and equipment	€ 151			



Right-of-use assets and lease liabilities (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Right-of-use assets		
Net carrying amount at beginning of period	€ 5,349	
Additions	808	€ 684
Depreciation	(928)	(999)
Impairment losses	(47)	(41)
Currency translation differences	(292)	85
Other changes	(247)	(69)
Net carrying amount at end of period	4,643	5,349
Lessee's exposure arising from options for extension or termination of lease for office buildings	302	
Lessee's exposure arising from extension options related to service stations for sale of oil products	148	
Lessee's exposure arising from other extension options related to concessions of a land	€ 60	
Mozambique Rovuma Venture SpA		
Right-of-use assets		
% ownership interest	35.71%	
Exploration & Production		
Right-of-use assets		
Net carrying amount at beginning of period	€ 3,895	
Net carrying amount at end of period	€ 3,274	3,895
Exploration & Production Ghana and Angola Minimum		
Right-of-use assets		
Lease, term of contract	9 years	
Exploration & Production Ghana and Angola Maximum		
Right-of-use assets		
Lease, term of contract	16 years	
Refining & Marketing and Chemical		
Right-of-use assets		
Net carrying amount at beginning of period	€ 831	
Net carrying amount at end of period	788	831
Corporate and Other activities		
Right-of-use assets		
Net carrying amount at beginning of period	574	
Net carrying amount at end of period	526	574
Upstream business		
Right-of-use assets		
Lessee's exposure arising from other extension options related to ancillary assets	48	
Increase (decrease) due to application of IFRS 16		
Right-of-use assets		
First adoption IFRS 16 at beginning of period		5,656
Reclassifications at beginning of period		46
Reclassifications to assets held for sale at beginning of period		(13)

After initial application		
Right-of-use assets		
Net carrying amount at beginning of period		5,689
Floating production storage and offloading vessels (FPSO)		
Right-of-use assets		
Net carrying amount at beginning of period	3,153	
Additions	79	32
Depreciation	(232)	(240)
Currency translation differences	(251)	67
Other changes	(77)	
Net carrying amount at end of period	2,672	3,153
Lease commitment, nominal value	1,700	
Floating production storage and offloading vessels (FPSO) Increase (decrease) due to application of IFRS 16		
Right-of-use assets		
First adoption IFRS 16 at beginning of period		3,294
Floating production storage and offloading vessels (FPSO) After initial application		
Right-of-use assets		
Net carrying amount at beginning of period		3,294
Drilling rig		
Right-of-use assets		
Net carrying amount at beginning of period	313	
Additions	193	192
Depreciation	(189)	(224)
Currency translation differences	(13)	6
Other changes	(60)	(7)
Net carrying amount at end of period	244	313
Drilling rig Increase (decrease) due to application of IFRS 16		
Right-of-use assets		
First adoption IFRS 16 at beginning of period		346
Drilling rig After initial application		
Right-of-use assets		
Net carrying amount at beginning of period		346
Naval facilities and related logistic bases for oil and gas transportation		
Right-of-use assets		
Net carrying amount at beginning of period	497	
Additions	281	219
Depreciation	(252)	(272)
Currency translation differences	(13)	4
Other changes	(67)	(23)
Net carrying amount at end of period	446	497
Naval facilities and related logistic bases for oil and gas transportation Increase (decrease) due to application of IFRS 16		
Right-of-use assets		
First adoption IFRS 16 at beginning of period		569

Naval facilities and related logistic bases for oil and gas transportation After initial application		
Right-of-use assets		
Net carrying amount at beginning of period		569
Motorway concessions and service stations		
Right-of-use assets		
Net carrying amount at beginning of period	460	
Additions	49	54
Depreciation	(57)	(61)
Impairment losses	(21)	(13)
Currency translation differences		2
Other changes	(7)	(14)
Net carrying amount at end of period	424	460
Motorway concessions and service stations Increase (decrease) due to application of IFRS 16		
Right-of-use assets		
First adoption IFRS 16 at beginning of period		462
Reclassifications at beginning of period		30
Motorway concessions and service stations After initial application		
Right-of-use assets		
Net carrying amount at beginning of period		492
Oil and gas distribution facilities		
Right-of-use assets		
Net carrying amount at beginning of period	6	
Additions	22	1
Depreciation	(2)	(1)
Impairment losses	(15)	
Other changes		(1)
Net carrying amount at end of period	11	6
Oil and gas distribution facilities Increase (decrease) due to application of IFRS 16		
Right-of-use assets		
First adoption IFRS 16 at beginning of period		7
Oil and gas distribution facilities After initial application		
Right-of-use assets		
Net carrying amount at beginning of period		7
Buildings		
Right-of-use assets		
Net carrying amount at beginning of period	707	
Additions	65	108
Depreciation	(118)	(115)
Currency translation differences	(8)	3
Other changes	6	(9)
Net carrying amount at end of period	652	707
Lease commitment, nominal value	€438	
Lease commitment, term of contract	20 years	
Lease commitment, extension option	6 years	

Buildings Increase (decrease) due to application of IFRS 16		
Right-of-use assets		
First adoption IFRS 16 at beginning of period		720
Buildings After initial application		
Right-of-use assets		
Net carrying amount at beginning of period		720
Vehicles		
Right-of-use assets		
Net carrying amount at beginning of period	€ 32	
Additions	24	22
Depreciation	(22)	(23)
Other changes	(2)	(10)
Net carrying amount at end of period	32	32
Vehicles Increase (decrease) due to application of IFRS 16		
Right-of-use assets		
First adoption IFRS 16 at beginning of period		43
Vehicles After initial application		
Right-of-use assets		
Net carrying amount at beginning of period		43
Other		
Right-of-use assets		
Net carrying amount at beginning of period	181	
Additions	95	56
Depreciation	(56)	(63)
Impairment losses	(11)	(28)
Currency translation differences	(7)	3
Other changes	(40)	(5)
Net carrying amount at end of period	162	181
Other Increase (decrease) due to application of IFRS 16		
Right-of-use assets		
First adoption IFRS 16 at beginning of period		215
Reclassifications at beginning of period		16
Reclassifications to assets held for sale at beginning of period		(13)
Other After initial application		
Right-of-use assets		
Net carrying amount at beginning of period		218
Gross carrying amount		
Right-of-use assets		
Net carrying amount at beginning of period	6,351	
Net carrying amount at end of period	6,381	6,351
Gross carrying amount Floating production storage and offloading vessels (FPSO)		
Right-of-use assets		
Net carrying amount at beginning of period	3,393	
Net carrying amount at end of period	3,107	3,393
Gross carrying amount Drilling rig		
Right-of-use assets		

Net carrying amount at beginning of period	528	
Net carrying amount at end of period	528	528
Gross carrying amount Naval facilities and related logistic bases for oil and gas transportation		
Right-of-use assets		
Net carrying amount at beginning of period	757	
Net carrying amount at end of period	927	757
Gross carrying amount Motorway concessions and service stations		
Right-of-use assets		
Net carrying amount at beginning of period	532	
Net carrying amount at end of period	573	532
Gross carrying amount Oil and gas distribution facilities		
Right-of-use assets		
Net carrying amount at beginning of period	7	
Net carrying amount at end of period	29	7
Gross carrying amount Buildings		
Right-of-use assets		
Net carrying amount at beginning of period	806	
Net carrying amount at end of period	859	806
Gross carrying amount Vehicles		
Right-of-use assets		
Net carrying amount at beginning of period	54	
Net carrying amount at end of period	65	54
Gross carrying amount Other		
Right-of-use assets		
Net carrying amount at beginning of period	274	
Net carrying amount at end of period	293	274
Accumulated depreciation, amortisation and impairment		
Right-of-use assets		
Net carrying amount at beginning of period	(1,002)	
Net carrying amount at end of period	(1,738)	(1,002)
Accumulated depreciation, amortisation and impairment Floating production storage and offloading vessels (FPSO)		
Right-of-use assets		
Net carrying amount at beginning of period	(240)	
Net carrying amount at end of period	(435)	(240)
Accumulated depreciation, amortisation and impairment Drilling rig		
Right-of-use assets		
Net carrying amount at beginning of period	(215)	
Net carrying amount at end of period	(284)	(215)
Accumulated depreciation, amortisation and impairment Naval facilities and related logistic bases for oil and gas transportation		
Right-of-use assets		
Net carrying amount at beginning of period	(260)	

Net carrying amount at end of period	(481)	(260)
Accumulated depreciation, amortisation and impairment Motorway concessions and service stations		
Right-of-use assets		
Net carrying amount at beginning of period	(72)	
Net carrying amount at end of period	(149)	(72)
Accumulated depreciation, amortisation and impairment Oil and gas distribution facilities		
Right-of-use assets		
Net carrying amount at beginning of period	(1)	
Net carrying amount at end of period	(18)	(1)
Accumulated depreciation, amortisation and impairment Buildings		
Right-of-use assets		
Net carrying amount at beginning of period	(99)	
Net carrying amount at end of period	(207)	(99)
Accumulated depreciation, amortisation and impairment Vehicles		
Right-of-use assets		
Net carrying amount at beginning of period	(22)	
Net carrying amount at end of period	(33)	(22)
Accumulated depreciation, amortisation and impairment Other		
Right-of-use assets		
Net carrying amount at beginning of period	(93)	
Net carrying amount at end of period	€ (131)	€ (93)

Right-of-use assets and lease liabilities - Liabilities for leased assets - (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Lease liabilities		
Book amount at the beginning of the year	€ 5,648	
Additions	808	€ 668
Decreases	(869)	(877)
Currency translation differences	(309)	87
Other changes	(260)	(41)
Book amount at the end of the year	5,018	5,648
Cash payments for the principal portion of the lease liabilities	869	
Cash payments for the interest portion of lease liabilities	329	
Current portion of long-term lease liabilities		
Lease liabilities		
Book amount at the beginning of the year	889	
Decreases	(866)	(875)
Currency translation differences	(40)	10
Other changes	866	960
Book amount at the end of the year	849	889
Long-term lease liabilities		
Lease liabilities		
Book amount at the beginning of the year	4,759	
Additions	808	668
Decreases	(3)	(2)
Currency translation differences	(269)	77
Other changes	(1,126)	(1,001)
Book amount at the end of the year	4,169	4,759
Joint operations		
Lease liabilities		
Book amount at the beginning of the year	1,976	
Book amount at the end of the year	1,652	1,976
US Dollars		
Lease liabilities		
Book amount at the end of the year	3,447	
Euro		
Lease liabilities		
Book amount at the end of the year	€ 1,411	
Increase (decrease) due to application of IFRS 16		
Lease liabilities		
First adoption IFRS 16 at beginning of period		5,656
Reclassifications at beginning of period		168
Reclassifications to liabilities directly associated with assets held for sale at beginning of period		(13)
Increase (decrease) due to application of IFRS 16 Current portion of long-term lease liabilities		
Lease liabilities		
First adoption IFRS 16 at beginning of period		665
Reclassifications at beginning of period		132

Reclassifications to liabilities directly associated with assets held for sale at beginning of period		(3)
Increase (decrease) due to application of IFRS 16 Long-term lease liabilities		
Lease liabilities		
First adoption IFRS 16 at beginning of period		4,991
Reclassifications at beginning of period		36
Reclassifications to liabilities directly associated with assets held for sale at beginning of period		(10)
After initial application		
Lease liabilities		
Book amount at the beginning of the year		5,811
After initial application Current portion of long-term lease liabilities		
Lease liabilities		
Book amount at the beginning of the year		794
After initial application Long-term lease liabilities		
Lease liabilities		
Book amount at the beginning of the year		€5,017

Right-of-use assets and lease liabilities - Amounts recognized in the profit and loss account (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Other income and revenues		
Income from remeasurement of lease liability	€ 12	€ 6
Other income and revenues	12	6
Purchases, services and other		
Short-term leases	67	115
Low-value leases	37	39
Variable lease payments not included in the measurement of lease liabilities	7	16
Capitalised direct cost associated with self-constructed assets - tangible assets	(2)	(2)
Purchases, services and other	109	168
Depreciation and impairments		
Depreciation of RoU leased assets	928	999
Capitalised direct cost associated with self-constructed assets - tangible assets	(96)	(210)
Impairment losses of RoU leased assets	47	41
Depreciation and impairments	879	830
Finance income (expense) from leases		
Interests on lease liabilities	(347)	(378)
Capitalised finance expense of ROU leased assets - tangible assets	7	17
Net currency translation differences on lease liabilities	24	(6)
Finance income (expense) from leases	€ (316)	€ (367)

Intangible assets (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Intangible assets		
Net carrying amount - beginning of the year	€ 3,059	€ 3,170
Additions	237	311
Amortization	(275)	(291)
Impairments	(54)	(117)
Reversals	24	
Write-off	(24)	(30)
Change in the scope of consolidation	77	
Currency translation differences	(83)	22
Other changes	(25)	(6)
Net carrying amount at the end of the year	2,936	3,059
Intangible assets with finite useful lives		
Intangible assets		
Net carrying amount - beginning of the year	1,794	1,886
Additions	237	311
Amortization	(275)	(291)
Impairments	(30)	(91)
Reversals	24	
Write-off	(24)	(30)
Change in the scope of consolidation	7	
Currency translation differences	(69)	19
Other changes	(25)	(10)
Net carrying amount at the end of the year	1,639	1,794
Exploration rights		
Intangible assets		
Net carrying amount - beginning of the year	1,031	1,081
Additions	18	78
Amortization	(53)	(81)
Impairments	(23)	(19)
Write-off	(19)	(28)
Currency translation differences	(66)	18
Other changes		(18)
Net carrying amount at the end of the year	888	1,031
Industrial patents and intellectual property rights		
Intangible assets		
Net carrying amount - beginning of the year	195	221
Additions	23	23
Amortization	(92)	(93)
Write-off	(5)	(1)
Other changes	41	45
Net carrying amount at the end of the year	162	195
Other intangible assets		
Intangible assets		
Net carrying amount - beginning of the year	568	584
Additions	196	210

Amortization	(130)	(117)
Impairments	(7)	(72)
Reversals	24	
Write-off		(1)
Change in the scope of consolidation	7	
Currency translation differences	(3)	1
Other changes	(66)	(37)
Net carrying amount at the end of the year	589	568
Goodwill		
Intangible assets		
Net carrying amount - beginning of the year	1,265	1,284
Impairments	(24)	(26)
Change in the scope of consolidation	70	
Currency translation differences	(14)	3
Other changes		4
Net carrying amount at the end of the year	1,297	1,265
Gross carrying amount Intangible assets with finite useful lives		
Intangible assets		
Net carrying amount - beginning of the year	7,718	
Net carrying amount at the end of the year	7,635	7,718
Gross carrying amount Exploration rights		
Intangible assets		
Net carrying amount - beginning of the year	1,748	
Net carrying amount at the end of the year	1,613	1,748
Gross carrying amount Industrial patents and intellectual property rights		
Intangible assets		
Net carrying amount - beginning of the year	1,597	
Net carrying amount at the end of the year	1,623	1,597
Gross carrying amount Other intangible assets		
Intangible assets		
Net carrying amount - beginning of the year	4,373	
Net carrying amount at the end of the year	4,399	4,373
Accumulated depreciation, amortisation and impairment Intangible assets with finite useful lives		
Intangible assets		
Net carrying amount - beginning of the year	(5,924)	
Net carrying amount at the end of the year	(5,996)	(5,924)
Accumulated depreciation, amortisation and impairment Exploration rights		
Intangible assets		
Net carrying amount - beginning of the year	(717)	
Net carrying amount at the end of the year	(725)	(717)
Accumulated depreciation, amortisation and impairment Industrial patents and intellectual property rights		
Intangible assets		
Net carrying amount - beginning of the year	(1,402)	
Net carrying amount at the end of the year	(1,461)	(1,402)

Accumulated depreciation, amortisation and impairment Other intangible assets		
Intangible assets		
Net carrying amount - beginning of the year	(3,805)	
Net carrying amount at the end of the year	€ (3,810)	€ (3,805)

Intangible assets - Breakdown of exploration rights by type (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Intangible assets			
Intangible assets	€ 2,936	€ 3,059	€ 3,170
Exploration rights			
Intangible assets			
Intangible assets	888	1,031	€ 1,081
Proved licence and leasehold property acquisition costs			
Intangible assets			
Intangible assets	225	291	
Unproved licence and leasehold property acquisition costs			
Intangible assets			
Intangible assets	653	709	
Other mineral interests			
Intangible assets			
Intangible assets	€ 10	€ 31	

Intangible assets - Main amortization rates (Details)	12 Months Ended
	Dec. 31, 2020
Exploration rights	
Intangible assets	
Description of useful life, intangible assets other than goodwill	UOP
Transport rights of natural gas	
Intangible assets	
Amortisation rate, intangible assets other than goodwill	3.00%
Other concessions, licenses, trademarks and similar items Minimum	
Intangible assets	
Amortisation rate, intangible assets other than goodwill	3.00%
Other concessions, licenses, trademarks and similar items Maximum	
Intangible assets	
Amortisation rate, intangible assets other than goodwill	33.00%
Service concession arrangements Minimum	
Intangible assets	
Amortisation rate, intangible assets other than goodwill	20.00%
Service concession arrangements Maximum	
Intangible assets	
Amortisation rate, intangible assets other than goodwill	33.00%
Capitalized costs for customer acquisition Minimum	
Intangible assets	
Amortisation rate, intangible assets other than goodwill	17.00%
Capitalized costs for customer acquisition Maximum	
Intangible assets	
Amortisation rate, intangible assets other than goodwill	33.00%
Other intangible assets Minimum	
Intangible assets	
Amortisation rate, intangible assets other than goodwill	4.00%
Other intangible assets Maximum	
Intangible assets	
Amortisation rate, intangible assets other than goodwill	20.00%

Intangible assets - Goodwill by operating segment (Details) - EUR (€ €in Millions	Dec. 31, 2020	Dec. 31, 2019
Intangible assets		
Goodwill	€ 1,297	€ 1,265
Eni gas e luce		
Intangible assets		
Goodwill	1,046	981
Exploration & Production		
Intangible assets		
Goodwill	146	190
Refining & Marketing and Chemical		
Intangible assets		
Goodwill	93	93
Corporate and Other activities		
Intangible assets		
Goodwill	11	
Renewables		
Intangible assets		
Goodwill	€ 1	€ 1

Intangible assets - Goodwill related to Gas & Power segment (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Intangible assets		
Goodwill	€ 1,297	€ 1,265
Eni gas e luce		
Intangible assets		
Goodwill	1,046	981
Eni gas e luce CGU Domestic Market		
Intangible assets		
Goodwill	904	839
Eni gas e luce CGU Foreign Market		
Intangible assets		
Goodwill	€ 142	€ 142

Intangible assets - Additional information (Details) - EUR (€) €in Millions	12 Months Ended			
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018	Dec. 31, 2003
Intangible assets				
Goodwill	€ 1,297	€ 1,265		
France				
Intangible assets				
Discount rate applied to cash flow projections	4.60%			
Greece				
Intangible assets				
Discount rate applied to cash flow projections	4.80%			
Gas Distribution Company of Thessaloniki Thessaly SA				
Intangible assets				
Percentage of voting equity interests acquired			51.00%	
Evolvere				
Intangible assets				
Goodwill recognised as of acquisition date	€ 66			
Percentage of voting equity interests acquired	70.00%			
CGU Domestic Market				
Intangible assets				
Goodwill recognised as of acquisition date				€ 706
Period over which management has projected cash flows	4 years			
Growth rate used to extrapolate cash flow projections	0.00%			
Amount by which unit's recoverable amount exceeds its carrying amount	€ 2,856			
CGU Domestic Market Italy				
Intangible assets				
Discount rate applied to cash flow projections	4.30%			
CGU Foreign Market Gas Distribution Company of Thessaloniki Thessaly SA				
Intangible assets				
Goodwill	€ 45			
Percentage of voting equity interests acquired			51.00%	
Percentage of voting equity interests before acquisition			49.00%	
CGU Foreign Market Eni Gas and Power France SA				
Intangible assets				
Goodwill	95			
Accumulated impairment				
Intangible assets				
Goodwill	(2,457)			
Capitalized costs for customer acquisition				
Intangible assets				
Intangible assets other than goodwill	262	226		
Concessions, licenses, trademarks and similar items				
Intangible assets				
Intangible assets other than goodwill	88	102		
Transport rights of natural gas				
Intangible assets				

Intangible assets other than goodwill	25	30		
Intangible assets in progress				
Intangible assets				
Intangible assets other than goodwill	€ 78	€ 78		

[illegible]

Investments (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Investments		
Book amount - beginning of the year	€ 9,035	€ 7,044
Additions and subscriptions	275	2,992
Divestments and reimbursements	(4)	(22)
Share of profit of equity-accounted investments	38	161
Share of loss of equity-accounted investments	(1,733)	(184)
Deduction for dividends	(314)	(1,138)
Change in the scope of consolidation	34	1
Currency translation differences	(603)	86
Other changes	21	73
Book amount - end of the year	6,749	9,035
Investments in unconsolidated entities controlled by Eni		
Investments		
Book amount - beginning of the year	86	95
Additions and subscriptions	2	6
Divestments and reimbursements		(5)
Share of profit of equity-accounted investments	3	6
Share of loss of equity-accounted investments	(2)	(10)
Deduction for dividends	(5)	(4)
Change in the scope of consolidation	3	1
Currency translation differences	(4)	2
Other changes	(3)	(5)
Book amount - end of the year	80	86
Joint ventures		
Investments		
Book amount - beginning of the year	4,592	5,497
Additions and subscriptions	75	76
Divestments and reimbursements	(3)	
Share of profit of equity-accounted investments	21	80
Share of loss of equity-accounted investments	(1,399)	(157)
Deduction for dividends	(296)	(1,073)
Change in the scope of consolidation	30	
Currency translation differences	(254)	67
Other changes	66	80
Book amount - end of the year	2,832	4,592
Associates		
Investments		
Book amount - beginning of the year	4,357	1,452
Additions and subscriptions	198	2,910
Divestments and reimbursements	(1)	(17)
Share of profit of equity-accounted investments	14	75
Share of loss of equity-accounted investments	(332)	(17)
Deduction for dividends	(13)	(61)
Change in the scope of consolidation	1	
Currency translation differences	(345)	17

Other changes	(42)	(2)
Book amount - end of the year	€ 3,837	4,357
Changes in accounting policies (IAS 28)		
Investments		
Book amount - beginning of the year		22
Changes in accounting policies (IAS 28) Joint ventures		
Investments		
Book amount - beginning of the year		22
After initial application		
Investments		
Book amount - beginning of the year		7,066
After initial application Investments in unconsolidated entities controlled by Eni		
Investments		
Book amount - beginning of the year		95
After initial application Joint ventures		
Investments		
Book amount - beginning of the year		5,519
After initial application Associates		
Investments		
Book amount - beginning of the year		€ 1,452

Investments - Net carrying amount (Details) - EUR (€) €in Millions	12 Months Ended		Dec. 31, 2018
	Dec. 31, 2020	Dec. 31, 2019	
Investments			
Net carrying amount	€ 6,749	€ 9,035	€ 7,044
Associates			
Investments			
Net carrying amount	3,837	4,357	
Associates Abu Dhabi Oil Refining Co			
Investments			
Net carrying amount	€ 2,335	€ 2,829	
% of the investment	20.00%	20.00%	
Associates Angola LNG Ltd			
Investments			
Net carrying amount	€ 1,039	€ 1,159	
% of the investment	13.60%	13.60%	
Associates Coral FLNG SA			
Investments			
Net carrying amount	€ 138	€ 102	
% of the investment	25.00%	25.00%	
Associates Finproject SpA			
Investments			
Net carrying amount	€ 73		
% of the investment	40.00%		
Associates Novis Renewables Holdings Llc			
Investments			
Net carrying amount	€ 65		
% of the investment	49.00%		
Associates Novamont SpA			
Investments			
Net carrying amount		€ 71	
% of the investment		25.00%	
Associates United Gas Derivatives Co			
Investments			
Net carrying amount	€ 58	€ 69	
% of the investment	33.33%	33.33%	
Associates Other investments			
Investments			
Net carrying amount	€ 129	€ 127	
Joint ventures			
Investments			
Net carrying amount	2,832	4,592	
Joint ventures Var Energi AS			
Investments			
Net carrying amount	€ 1,144	€ 2,518	
% of the investment	69.85%	69.60%	
Joint ventures Saipem SpA			
Investments			

Net carrying amount	€ 908	€ 1,250	
% of the investment	31.08%	30.99%	
Joint ventures Union Fenosa Gas SA			
Investments			
Net carrying amount	€ 242	€ 326	
% of the investment	50.00%	50.00%	
Joint ventures Cardon IV SA			
Investments			
Net carrying amount	€ 199	€ 148	
% of the investment	50.00%	50.00%	
Joint ventures Gas Distribution Company of Thessaloniki Thessaly SA			
Investments			
Net carrying amount	€ 140	€ 139	
% of the investment	49.00%	49.00%	
Joint ventures Lotte Versalis Elastomers Co Ltd			
Investments			
Net carrying amount	€ 51	€ 74	
% of the investment	50.00%	50.00%	
Joint ventures Petro Junin SA			
Investments			
Net carrying amount	€ 50	€ 53	
% of the investment	40.00%	40.00%	
Joint ventures Societa Oleodotti Meridionali - SOM SpA			
Investments			
Net carrying amount	€ 32		
% of the investment	70.00%		
Joint ventures AET Raffineriebeteiligungs gesellschaft mbH			
Investments			
Net carrying amount	€ 17	€ 35	
% of the investment	33.33%	33.33%	
Joint ventures Other investments			
Investments			
Net carrying amount	€ 49	€ 49	
Investments in unconsolidated entities controlled by Eni			
Investments			
Net carrying amount	80	86	
Investments in unconsolidated entities controlled by Eni Eni BTC Ltd			
Investments			
Net carrying amount	€ 24	€ 30	
% of the investment	100.00%	100.00%	
Investments in unconsolidated entities controlled by Eni Other investments			
Investments			
Net carrying amount	€ 56	€ 56	

Investments - Market value of investments listed in regulated stock markets (Details) - EUR (€ €/ shares in Units, €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Investments			
Net carrying amount	€ 6,749	€ 9,035	€ 7,044
Joint ventures			
Investments			
Net carrying amount	€ 2,832	€ 4,592	
Joint ventures Saipem SpA			
Investments			
Number of shares held	308,767,968		
% of the investment	31.08%	30.99%	
Share price	€ 2.205		
Market value	€ 681		
Net carrying amount	€ 908	€ 1,250	

Investments - Other investments (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Investments		
Carrying amount at the beginning of the year	€ 929	€ 919
Additions and subscriptions	8	11
Change in the fair value	24	(3)
Divestments and reimbursements	(12)	(12)
Currency translation differences	(61)	15
Other changes	69	(1)
Carrying amount at the end of the year	€ 957	€ 929

Investments - Additional information (Details) - EUR (€) €in Millions	12 Months Ended		Dec. 31, 2018
	Dec. 31, 2020	Dec. 31, 2019	
Investments			
Additions and subscriptions	€ 275	€ 2,992	
Share of loss of equity-accounted investments	1,733	184	
Deduction for dividends	€ 314	1,138	
Percentage of reasonable changes in cost of capital	1.00%		
Other investments	€ 957	929	€ 919
Nigeria LNG Ltd			
Investments			
Other investments	579	657	
Saudi European Petrochemical Co			
Investments			
Other investments	115	€ 146	
Novamont SpA			
Investments			
Other investments	77		
Novis Renewables Holdings Llc & Novis Renewables Llc			
Investments			
Additions and subscriptions	89		
Associates Abu Dhabi Oil Refining Co			
Investments			
Share of loss of equity-accounted investments	€ 275		
Associates Novis Renewables Holdings Llc			
Investments			
Proportion of ownership interest acquired	49.00%		
Associates Finproject SpA			
Investments			
Proportion of ownership interest acquired	40.00%		
Additions and subscriptions	€ 72		
Difference amount between purchase price of interest acquired and book value of corresponding fraction of net equity	44		
Joint ventures Lotte Versalis Elastomers Co Ltd			
Investments			
Additions and subscriptions	38		
Joint ventures Var Energi AS			
Investments			
Share of loss of equity-accounted investments	918		
Deduction for dividends	274		
Joint ventures Saipem SpA			
Investments			
Share of loss of equity-accounted investments	€ 354		
Percentage by which the fair value of investment is lower than the book value	25.00%		
Joint ventures Cardon IV SA			
Investments			

Share of loss of equity-accounted investments	€ 46		
Proportion of ownership interest in joint venture	50.00%		
Joint ventures Novis Renewables Llc			
Investments			
Proportion of ownership interest acquired	50.00%		

Other financial assets (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Other financial assets		
Other current financial assets	€ 254	€ 384
Other non-current financial assets	1,008	1,174
Financing receivables held for operating and non operating purpose		
Other financial assets		
Other current financial assets	254	384
Other non-current financial assets	953	1,119
Financing receivables held for operating purposes		
Other financial assets		
Other current financial assets	51	97
Other non-current financial assets	953	1,119
Long-term financing receivables held for operating purposes		
Other financial assets		
Other current financial assets	29	60
Other non-current financial assets	953	1,119
Short-term financing receivables held for operating purposes		
Other financial assets		
Other current financial assets	22	37
Financing receivables held for non operating purpose		
Other financial assets		
Other current financial assets	203	287
Securities held for operating purposes		
Other financial assets		
Other non-current financial assets	€ 55	€ 55

Other financial assets - Financing receivables net of allowance for doubtful accounts (Details) - Accumulated impairment - Financing receivables held for operating and non operating purpose - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Other financial assets		
Financial assets at beginning of period	€ 379	€ 430
Additions	7	11
Deductions	(7)	(88)
Currency translation differences	(26)	7
Other changes	(1)	19
Financial assets at end of period	€ 352	€ 379

Other financial assets - Securities per issuing entity (Details) - Amortized cost €in Millions	12 Months Ended
	Dec. 31, 2020 EUR (€)
Quoted bonds issued by sovereign state	
Other financial assets	
Amortized cost	€ 55
Nominal value	55
Fair value	56
Maximum value of sovereign states bonds included in other category	10
Quoted bonds issued by sovereign states, Fixed rate bonds Italy	
Other financial assets	
Amortized cost	24
Nominal value	24
Fair value	€25
Maturity date	from 2021 to 2030
Rating - Moody's	Baa3
Rating - S&P	BBB
Quoted bonds issued by sovereign states, Fixed rate bonds Italy Minimum	
Other financial assets	
Nominal rate of return (%)	0.35%
Quoted bonds issued by sovereign states, Fixed rate bonds Italy Maximum	
Other financial assets	
Nominal rate of return (%)	4.75%
Quoted bonds issued by sovereign states, Fixed rate bonds Foreign (outside Italy)	
Other financial assets	
Amortized cost	€ 17
Nominal value	17
Fair value	€ 17
Maturity date	from 2021 to 2025
Rating - Moody's	from Aa3 to Baa1
Rating - S&P	from AA to A
Quoted bonds issued by sovereign states, Fixed rate bonds Foreign (outside Italy) Minimum	
Other financial assets	
Nominal rate of return (%)	0.05%
Quoted bonds issued by sovereign states, Fixed rate bonds Foreign (outside Italy) Maximum	
Other financial assets	
Nominal rate of return (%)	0.20%
Quoted bonds issued by sovereign states, Floating rate bonds Italy	
Other financial assets	
Amortized cost	€ 11
Nominal value	11

Fair value	€11
Maturity date	from 2022 to 2025
Rating - Moody's	Baa3
Rating - S&P	BBB
Quoted bonds issued by sovereign states, Floating rate bonds Foreign (outside Italy)	
Other financial assets	
Amortized cost	€3
Nominal value	3
Fair value	€3
Maturity date	2022
Rating - Moody's	Baa3
Rating - S&P	BBB

Other financial assets - Additional information (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Cardon IV SA		
Other financial assets		
Proportion of ownership interest in joint venture	50.00%	
Financing receivables held for operating purposes Euro		
Other financial assets		
Other financial assets	€ 178	
Financing receivables held for operating purposes US Dollars		
Other financial assets		
Other financial assets	1,024	
Financing receivables held for operating purposes beyond 5 years		
Other financial assets		
Other financial assets	771	€ 1,018
Financing receivables held for operating purposes Cardon IV SA		
Other financial assets		
Other financial assets	383	€ 563
Financing receivables held for operating purposes Exploration & Production		
Other financial assets		
Other financial assets	883	
Non-current financing receivables held for operating purposes		
Other financial assets		
Fair value	€ 953	
Non-current financing receivables held for operating purposes Minimum		
Other financial assets		
Discount rate applied to cash flow projections	(0.50%)	(0.30%)
Non-current financing receivables held for operating purposes Maximum		
Other financial assets		
Discount rate applied to cash flow projections	1.40%	2.00%
Securities held for operating purposes		
Other financial assets		
Financial assets pledged as collateral for liabilities or contingent liabilities	€ 20	€ 20
Securities held for operating purposes Maximum		
Other financial assets		
Maturity of securities held for operating purposes	5 years	

Trade and other payables - Break-down (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Trade and other payables		
Trade payables	€ 8,679	€ 10,480
Down payments and advances from joint ventures in exploration and production activities	417	401
Payables for purchase of non-current assets	1,393	2,276
Payables due to partners in exploration & production activities	1,120	1,236
Other payables	1,327	1,152
Trade and other current payables	€ 12,936	€ 15,545

Trade and other payables - Additional information (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Trade and other payables		
Increase (decrease) in trade payables	€ (1,801)	
Other payables	1,327	€ 1,152
Payroll payables	255	215
Payables for social security contributions	92	92
Trade and other payables	12,936	15,545
Euro		
Trade and other payables		
Trade and other payables	5,384	
US Dollars		
Trade and other payables		
Trade and other payables	6,243	
Gas take-or-pay contracts		
Trade and other payables		
Other payables	€ 376	€ 148

Finance debts - Short and long term debt (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Borrowings		
Short-term debt	€ 2,882	€ 2,452
Current portion of long-term debt	1,909	3,156
Long-term debt	21,895	18,910
Total borrowings	26,686	24,518
Banks		
Borrowings		
Short-term debt	337	187
Current portion of long-term debt	759	504
Long-term debt	3,193	2,341
Total borrowings	4,289	3,032
Ordinary Bonds		
Borrowings		
Current portion of long-term debt	1,140	2,642
Long-term debt	18,280	16,137
Total borrowings	19,420	18,779
Convertible Bonds		
Borrowings		
Long-term debt	396	393
Total borrowings	396	393
Commercial papers		
Borrowings		
Short-term debt	2,233	1,778
Total borrowings	2,233	1,778
Other financial institutions		
Borrowings		
Short-term debt	312	487
Current portion of long-term debt	10	10
Long-term debt	26	39
Total borrowings	€ 348	€ 536

Finance debts - Ordinary bonds (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Borrowings		
Borrowings	€ 26,686	€ 24,518
Ordinary Bonds		
Borrowings		
Nominal value	19,313	
Discount on bond issue and accrued expenses	107	
Borrowings	19,420	€ 18,779
Euro Medium Term Notes		
Borrowings		
Nominal value	16,257	
Discount on bond issue and accrued expenses	99	
Borrowings	16,356	
Other Bonds		
Borrowings		
Nominal value	3,056	
Discount on bond issue and accrued expenses	8	
Borrowings	3,064	
ENI SpA Euro Medium Term Notes		
Borrowings		
Nominal value	13,900	
ENI SpA Euro Medium Term Notes One		
Borrowings		
Nominal value	1,200	
Discount on bond issue and accrued expenses	16	
Borrowings	€ 1,216	
Borrowings, original currency	EUR	
ENI SpA Euro Medium Term Notes One Maximum		
Borrowings		
Borrowings, maturity	2025	
Borrowings, interest rate	3.75%	
ENI SpA Euro Medium Term Notes Two		
Borrowings		
Nominal value	€ 1,000	
Discount on bond issue and accrued expenses	28	
Borrowings	€ 1,028	
Borrowings, original currency	EUR	
ENI SpA Euro Medium Term Notes Two Maximum		
Borrowings		
Borrowings, maturity	2029	
Borrowings, interest rate	3.625%	
ENI SpA Euro Medium Term Notes Three		
Borrowings		
Nominal value	€ 1,000	
Discount on bond issue and accrued expenses	12	
Borrowings	€ 1,012	

Borrowings, original currency	EUR	
ENI SpA Euro Medium Term Notes Three Maximum		
Borrowings		
Borrowings, maturity	2023	
Borrowings, interest rate	3.25%	
ENI SpA Euro Medium Term Notes Four		
Borrowings		
Nominal value	€ 1,000	
Discount on bond issue and accrued expenses	10	
Borrowings	€ 1,010	
Borrowings, original currency	EUR	
ENI SpA Euro Medium Term Notes Four Maximum		
Borrowings		
Borrowings, maturity	2031	
Borrowings, interest rate	2.00%	
ENI SpA Euro Medium Term Notes Five		
Borrowings		
Nominal value	€ 1,000	
Discount on bond issue and accrued expenses	9	
Borrowings	€ 1,009	
Borrowings, original currency	EUR	
ENI SpA Euro Medium Term Notes Five Maximum		
Borrowings		
Borrowings, maturity	2026	
Borrowings, interest rate	1.50%	
ENI SpA Euro Medium Term Notes Six		
Borrowings		
Nominal value	€ 1,000	
Discount on bond issue and accrued expenses	2	
Borrowings	€ 1,002	
Borrowings, original currency	EUR	
ENI SpA Euro Medium Term Notes Six Maximum		
Borrowings		
Borrowings, maturity	2030	
Borrowings, interest rate	0.625%	
ENI SpA Euro Medium Term Notes Seven		
Borrowings		
Nominal value	€ 1,000	
Borrowings	€ 1,000	
Borrowings, original currency	EUR	
ENI SpA Euro Medium Term Notes Seven Maximum		
Borrowings		
Borrowings, maturity	2026	
Borrowings, interest rate	1.25%	
ENI SpA Euro Medium Term Notes Eight		
Borrowings		
Nominal value	€ 900	
Discount on bond issue and accrued expenses	(2)	
Borrowings	€ 898	

Borrowings, original currency	EUR	
ENI SpA Euro Medium Term Notes Eight Maximum		
Borrowings		
Borrowings, maturity	2024	
Borrowings, interest rate	0.625%	
ENI SpA Euro Medium Term Notes Nine		
Borrowings		
Nominal value	€ 800	
Discount on bond issue and accrued expenses	2	
Borrowings	€ 802	
Borrowings, original currency	EUR	
ENI SpA Euro Medium Term Notes Nine Maximum		
Borrowings		
Borrowings, maturity	2021	
Borrowings, interest rate	2.625%	
ENI SpA Euro Medium Term Notes Ten		
Borrowings		
Nominal value	€ 800	
Discount on bond issue and accrued expenses	1	
Borrowings	€ 801	
Borrowings, original currency	EUR	
ENI SpA Euro Medium Term Notes Ten Maximum		
Borrowings		
Borrowings, maturity	2028	
Borrowings, interest rate	1.625%	
ENI SpA Euro Medium Term Notes Eleven		
Borrowings		
Nominal value	€ 750	
Discount on bond issue and accrued expenses	10	
Borrowings	€ 760	
Borrowings, original currency	EUR	
ENI SpA Euro Medium Term Notes Eleven Maximum		
Borrowings		
Borrowings, maturity	2024	
Borrowings, interest rate	1.75%	
ENI SpA Euro Medium Term Notes Twelve		
Borrowings		
Nominal value	€ 750	
Discount on bond issue and accrued expenses	6	
Borrowings	€ 756	
Borrowings, original currency	EUR	
ENI SpA Euro Medium Term Notes Twelve Maximum		
Borrowings		
Borrowings, maturity	2027	
Borrowings, interest rate	1.50%	
ENI SpA Euro Medium Term Notes Thirteen		
Borrowings		
Nominal value	€ 750	

Discount on bond issue and accrued expenses	(4)	
Borrowings	€ 746	
Borrowings, original currency	EUR	
ENI SpA Euro Medium Term Notes Thirteen Maximum		
Borrowings		
Borrowings, maturity	2034	
Borrowings, interest rate	1.00%	
ENI SpA Euro Medium Term Notes Fourteen		
Borrowings		
Nominal value	€ 700	
Discount on bond issue and accrued expenses	2	
Borrowings	€ 702	
Borrowings, original currency	EUR	
ENI SpA Euro Medium Term Notes Fourteen Maximum		
Borrowings		
Borrowings, maturity	2022	
Borrowings, interest rate	0.75%	
ENI SpA Euro Medium Term Notes Fifteen		
Borrowings		
Nominal value	€ 650	
Discount on bond issue and accrued expenses	3	
Borrowings	€ 653	
Borrowings, original currency	EUR	
ENI SpA Euro Medium Term Notes Fifteen Maximum		
Borrowings		
Borrowings, maturity	2025	
Borrowings, interest rate	1.00%	
ENI SpA Euro Medium Term Notes Sixteen		
Borrowings		
Nominal value	€ 600	
Discount on bond issue and accrued expenses	(4)	
Borrowings	€ 596	
Borrowings, original currency	EUR	
ENI SpA Euro Medium Term Notes Sixteen Maximum		
Borrowings		
Borrowings, maturity	2028	
Borrowings, interest rate	1.125%	
ENI SpA Other bonds One		
Borrowings		
Nominal value	€ 815	
Discount on bond issue and accrued expenses	5	
Borrowings	€ 820	
Borrowings, original currency	USD	
ENI SpA Other bonds One Maximum		
Borrowings		
Borrowings, maturity	2023	
Borrowings, interest rate	4.00%	

ENI SpA Other bonds Two		
Borrowings		
Nominal value	€ 815	
Discount on bond issue and accrued expenses	3	
Borrowings	€ 818	
Borrowings, original currency	USD	
ENI SpA Other bonds Two Maximum		
Borrowings		
Borrowings, maturity	2028	
Borrowings, interest rate	4.75%	
ENI SpA Other bonds Three		
Borrowings		
Nominal value	€ 815	
Discount on bond issue and accrued expenses	(1)	
Borrowings	€ 814	
Borrowings, original currency	USD	
ENI SpA Other bonds Three Maximum		
Borrowings		
Borrowings, maturity	2029	
Borrowings, interest rate	4.25%	
ENI SpA Other bonds Four		
Borrowings		
Nominal value	€ 285	
Discount on bond issue and accrued expenses	1	
Borrowings	€ 286	
Borrowings, original currency	USD	
ENI SpA Other bonds Four Maximum		
Borrowings		
Borrowings, maturity	2040	
Borrowings, interest rate	5.70%	
Eni Finance International SA Euro Medium Term Notes Seventeen		
Borrowings		
Nominal value	€ 1,427	
Discount on bond issue and accrued expenses	(3)	
Borrowings	€ 1,424	
Borrowings, original currency	USD	
Eni Finance International SA Euro Medium Term Notes Seventeen Minimum		
Borrowings		
Borrowings, maturity	2026	
Eni Finance International SA Euro Medium Term Notes Seventeen Maximum		
Borrowings		
Borrowings, maturity	2027	
Eni Finance International SA Euro Medium Term Notes Eighteen		
Borrowings		
Nominal value	€ 795	
Discount on bond issue and accrued expenses	6	

Borrowings	€ 801	
Borrowings, original currency	EUR	
Eni Finance International SA Euro Medium Term Notes Eighteen Minimum		
Borrowings		
Borrowings, maturity	2025	
Borrowings, interest rate	1.275%	
Eni Finance International SA Euro Medium Term Notes Eighteen Maximum		
Borrowings		
Borrowings, maturity	2043	
Borrowings, interest rate	5.441%	
Eni Finance International SA Euro Medium Term Notes Nineteen		
Borrowings		
Nominal value	€ 111	
Discount on bond issue and accrued expenses	5	
Borrowings	€ 116	
Borrowings, original currency	GBP	
Eni Finance International SA Euro Medium Term Notes Nineteen Maximum		
Borrowings		
Borrowings, maturity	2021	
Borrowings, interest rate	4.75%	
Eni Finance International SA Euro Medium Term Notes Twenty		
Borrowings		
Nominal value	€ 24	
Borrowings	€ 24	
Borrowings, original currency	YEN	
Eni Finance International SA Euro Medium Term Notes Twenty Maximum		
Borrowings		
Borrowings, maturity	2021	
Borrowings, interest rate	1.955%	
Eni USA Inc Other bonds Five		
Borrowings		
Nominal value	€ 326	
Borrowings	€ 326	
Borrowings, original currency	USD	
Eni USA Inc Other bonds Five Maximum		
Borrowings		
Borrowings, maturity	2027	
Borrowings, interest rate	7.30%	

Finance debts - Convertible bonds (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Borrowings		
Borrowings	€ 26,686	€ 24,518
Convertible Bonds		
Borrowings		
Borrowings	396	€ 393
ENI SpA Convertible Bonds		
Borrowings		
Nominal value	400	
Discount on bond issue and accrued expenses	(4)	
Borrowings	€ 396	
Borrowings, original currency	EUR	
Borrowings, maturity	2022	
Borrowings, interest rate	0.00%	

Finance debts - Currency of long-term debt (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Borrowings		
Borrowings	€ 26,686	€ 24,518
Short term debt		
Borrowings		
Borrowings	2,882	2,452
Short term debt Euro		
Borrowings		
Borrowings	1,004	€ 464
Short term debt Euro Average		
Borrowings		
Borrowings, interest rate		0.20%
Short term debt US Dollars		
Borrowings		
Borrowings	€ 1,870	€ 1,981
Short term debt US Dollars Average		
Borrowings		
Borrowings, interest rate	1.10%	2.30%
Short term debt Other		
Borrowings		
Borrowings	€ 8	€ 7
Short term debt Other Average		
Borrowings		
Borrowings, interest rate	(0.50%)	(0.70%)
Long-term debt and current portion of long-term debt		
Borrowings		
Borrowings	€ 23,804	€ 22,066
Long-term debt and current portion of long-term debt Euro		
Borrowings		
Borrowings	€ 19,142	€ 16,526
Long-term debt and current portion of long-term debt Euro Average		
Borrowings		
Borrowings, interest rate	1.70%	2.10%
Long-term debt and current portion of long-term debt US Dollars		
Borrowings		
Borrowings	€ 4,522	€ 5,392
Long-term debt and current portion of long-term debt US Dollars Average		
Borrowings		
Borrowings, interest rate	4.60%	4.60%
Long-term debt and current portion of long-term debt Other		
Borrowings		
Borrowings	€ 140	€ 148

Long-term debt and current portion of long-term debt Other Average		
Borrowings		
Borrowings, interest rate	4.30%	4.30%

Finance debts - Fair value of long-term debt (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Long-term debt and current portion of long-term debt		
Borrowings		
Financial liabilities, at fair value	€ 26,970	€ 22,528
Long-term and current portion of long-term ordinary bonds		
Borrowings		
Financial liabilities, at fair value	22,429	19,173
Long-term and current portion of long-term convertible bonds		
Borrowings		
Financial liabilities, at fair value	497	402
Long-term and current portion of long-term bank debt		
Borrowings		
Financial liabilities, at fair value	4,008	2,904
Long-term and current portion of long-term debt with other financial institutions		
Borrowings		
Financial liabilities, at fair value	€ 36	€ 49

Finance debts - Changes in liabilities arising from financing activities (Details) €in Millions	12 Months Ended
	Dec. 31, 2020 EUR (€)
Borrowings	
Carrying amount at beginning	€ 30,166
Cash flows	2,246
Currency translation differences	(1,209)
Other non-monetary changes	501
Carrying amount at end	31,704
Long-term debt and current portion of long-term debt	
Borrowings	
Carrying amount at beginning	22,066
Cash flows	2,178
Currency translation differences	(348)
Other non-monetary changes	(92)
Carrying amount at end	23,804
Short term debt	
Borrowings	
Carrying amount at beginning	2,452
Cash flows	937
Currency translation differences	(528)
Other non-monetary changes	21
Carrying amount at end	2,882
Long-term and current portion of long-term lease liabilities	
Borrowings	
Carrying amount at beginning	5,648
Cash flows	(869)
Currency translation differences	(333)
Other non-monetary changes	572
Carrying amount at end	€ 5,018

Finance debts - Additional information (Details) €in Millions	1 Months Ended	12 Months Ended	
	May 31, 2020 EUR (€)	Dec. 31, 2020 EUR (€) €/ EquityInstruments	Dec. 31, 2019 EUR (€)
Borrowings			
Increase (decrease) in finance debts		€ 2,168	
Issuances net of repayments, finance debts		3,115	
Currency translation differences on financial debts		(876)	
Debts subjected to covenants		1,051	€ 1,243
Borrowings		26,686	24,518
Lease liabilities assumptions		808	
Uncommitted short-term borrowing facilities			
Borrowings			
Undrawn borrowing facilities		7,183	13,299
Committed borrowing facilities			
Borrowings			
Undrawn borrowing facilities		5,295	4,667
Over 12 months Committed borrowing facilities			
Borrowings			
Undrawn borrowing facilities		€ 4,750	€ 4,217
Minimum			
Borrowings			
Discount rates used to measure fair value of financial debt		(0.50%)	(0.30%)
Maximum			
Borrowings			
Discount rates used to measure fair value of financial debt		1.40%	2.00%
Ordinary Bonds			
Borrowings			
Borrowings		€ 19,420	€ 18,779
Proceeds from borrowings		3,514	
Notional amount		19,313	
Ordinary Bonds Not later than 18 months			
Borrowings			
Borrowings		1,644	
Euro Medium Term Notes			
Borrowings			
Borrowings		16,356	
Proceeds from borrowings	€ 2,000		
Maximum amount issuable		20,000	
Notional amount		16,257	
Other Bonds			
Borrowings			
Borrowings		3,064	
Notional amount		3,056	
Convertible Bonds			
Borrowings			
Borrowings		€ 396	€ 393
Bond conversion price €/ EquityInstruments		17.62	

Bond premium with respect to share reference price at date of issuance		35.00%	
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Information on net borrowing (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Borrowings		
A. Cash and cash equivalents	€ 9,413	€ 5,994
B. Held-for-trading financial assets	5,502	6,760
C Liquidity (A+B)	14,915	12,754
D. Financing receivables	203	287
E. Short-term debt towards banks	337	187
F. Long-term debt towards banks	3,952	2,845
G. Bonds	19,816	19,172
H. Short-term financial debt towards related parties	52	46
I. Other short-term financial liabilities	2,493	2,219
J. Other long-term financial liabilities	36	49
Total borrowings	26,686	24,518
L. Net borrowings before lease liabilities (K-C-D)	11,568	11,477
M. Lease liabilities	4,852	5,635
N. Lease liabilities towards related parties	166	13
O. Total borrowings including lease liabilities (K+M+N)	31,704	30,166
P. Net borrowings including lease liabilities (O-C-D)	16,586	17,125
Share of lease liabilities of joint operators	1,652	1,976
Current		
Borrowings		
A. Cash and cash equivalents	9,413	5,994
B. Held-for-trading financial assets	5,502	6,760
C Liquidity (A+B)	14,915	12,754
D. Financing receivables	203	287
E. Short-term debt towards banks	337	187
F. Long-term debt towards banks	759	504
G. Bonds	1,140	2,642
H. Short-term financial debt towards related parties	52	46
I. Other short-term financial liabilities	2,493	2,219
J. Other long-term financial liabilities	10	10
Total borrowings	4,791	5,608
L. Net borrowings before lease liabilities (K-C-D)	(10,327)	(7,433)
M. Lease liabilities	795	884
N. Lease liabilities towards related parties	54	5
O. Total borrowings including lease liabilities (K+M+N)	5,640	6,497
P. Net borrowings including lease liabilities (O-C-D)	(9,478)	(6,544)
Noncurrent		
Borrowings		
F. Long-term debt towards banks	3,193	2,341
G. Bonds	18,676	16,530
J. Other long-term financial liabilities	26	39
Total borrowings	21,895	18,910
L. Net borrowings before lease liabilities (K-C-D)	21,895	18,910
M. Lease liabilities	4,057	4,751
N. Lease liabilities towards related parties	112	8

O. Total borrowings including lease liabilities (K+M+N)	26,064	23,669
P. Net borrowings including lease liabilities (O-C-D)	€ 26,064	€ 23,669

Provisions (Details) €in Millions	12 Months Ended
	Dec. 31, 2020 EUR (€)
Provisions	
Carrying amount at beginning of period	€ 14,106
New or increased provisions	801
Initial recognition and changes in estimates	955
Accretion discount	190
Reversal of utilized provisions	(1,628)
Reversal of unutilized provisions	(403)
Currency translation differences	(522)
Other changes	(61)
Carrying amount at end of period	13,438
Provisions for site restoration, abandonment and social projects	
Provisions	
Carrying amount at beginning of period	8,936
Initial recognition and changes in estimates	955
Accretion discount	190
Reversal of utilized provisions	(252)
Reversal of unutilized provisions	(3)
Currency translation differences	(469)
Other changes	5
Carrying amount at end of period	9,362
Environmental provisions	
Provisions	
Carrying amount at beginning of period	2,602
New or increased provisions	168
Accretion discount	(2)
Reversal of utilized provisions	(296)
Reversal of unutilized provisions	(183)
Other changes	(26)
Carrying amount at end of period	2,263
Provisions for litigations	
Provisions	
Carrying amount at beginning of period	850
New or increased provisions	172
Accretion discount	1
Reversal of utilized provisions	(526)
Reversal of unutilized provisions	(96)
Currency translation differences	(31)
Other changes	15
Carrying amount at end of period	385
Provisions for taxes other than income taxes	
Provisions	
Carrying amount at beginning of period	199
New or increased provisions	61
Reversal of utilized provisions	(30)

Reversal of unutilized provisions	(53)
Currency translation differences	(8)
Other changes	1
Carrying amount at end of period	170
Loss adjustments and actuarial provisions for Eni's insurance companies	
Provisions	
Carrying amount at beginning of period	333
New or increased provisions	160
Reversal of utilized provisions	(237)
Other changes	2
Carrying amount at end of period	258
Provisions for losses on investments	
Provisions	
Carrying amount at beginning of period	188
New or increased provisions	44
Reversal of unutilized provisions	(6)
Currency translation differences	(4)
Other changes	(24)
Carrying amount at end of period	198
Provisions for OIL insurance cover	
Provisions	
Carrying amount at beginning of period	113
Reversal of unutilized provisions	(9)
Currency translation differences	(1)
Other changes	(8)
Carrying amount at end of period	95
Provisions for redundancy incentives	
Provisions	
Carrying amount at beginning of period	70
New or increased provisions	1
Reversal of utilized provisions	(7)
Reversal of unutilized provisions	(11)
Carrying amount at end of period	53
Provisions for disposal and restructuring	
Provisions	
Carrying amount at beginning of period	46
New or increased provisions	2
Reversal of utilized provisions	(14)
Reversal of unutilized provisions	(4)
Other changes	(1)
Carrying amount at end of period	29
Miscellaneous other provisions	
Provisions	
Carrying amount at beginning of period	769
New or increased provisions	193
Accretion discount	1
Reversal of utilized provisions	(266)
Reversal of unutilized provisions	(38)

Currency translation differences	(9)
Other changes	(25)
Carrying amount at end of period	€ 625

Provisions - Additional information (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Provisions		
Provisions	€ 13,438	€ 14,106
Initial recognition and changes in estimates	955	
Accretion discount	190	
Reversal of utilized provisions	(1,628)	
Provisions for site restoration, abandonment and social projects		
Provisions		
Provisions	9,362	€ 8,936
Initial recognition and changes in estimates	955	
Accretion discount	€ 190	
Period to incur expenditures	50 years	
Reversal of utilized provisions	€ (252)	
Provisions for site restoration, abandonment and social projects Minimum		
Provisions		
Discount rate	(0.20%)	(0.10%)
Provisions for site restoration, abandonment and social projects Maximum		
Provisions		
Discount rate	3.70%	6.10%
Provisions for site restoration, abandonment and social projects Exploration & Production		
Provisions		
Provisions	€ 8,454	
Estimated costs for social projects		
Provisions		
Initial recognition and changes in estimates	439	
Environmental provisions		
Provisions		
Provisions	2,263	€ 2,602
Accretion discount	(2)	
Reversal of utilized provisions	(296)	
Environmental provisions Eni Rewind SpA		
Provisions		
Provisions	1,647	
Environmental provisions Refining & Marketing		
Provisions		
Provisions	359	
Provisions for litigations		
Provisions		
Provisions	385	850
Accretion discount	1	
Reversal of utilized provisions	(526)	
Provisions for litigations Exploration & Production		
Provisions		

Provisions	250	
Reversal of utilized provisions	(515)	
Provisions for taxes other than income taxes		
Provisions		
Provisions	170	199
Reversal of utilized provisions	(30)	
Provisions for taxes other than income taxes Exploration & Production		
Provisions		
Provisions	139	
Loss adjustments and actuarial provisions for Eni's insurance companies		
Provisions		
Provisions	258	333
Reversal of utilized provisions	(237)	
Reinsurance receivables	116	
Provisions for losses on investments		
Provisions		
Provisions	198	188
Provisions for losses on investments ISAF SpA		
Provisions		
Provisions	146	
Provisions for OIL insurance cover		
Provisions		
Provisions	€ 95	€ 113
Period for charging increased insurance premiums	5 years	

Provisions for employee benefits (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Statement		
Provisions for employee benefits	€ 1,201	€ 1,136
Other benefit plans		
Statement		
Provisions for employee benefits	268	278
Defined benefit plan		
Statement		
Provisions for employee benefits	933	858
Italian defined benefit plans		
Statement		
Provisions for employee benefits	258	269
Foreign defined benefit plan		
Statement		
Provisions for employee benefits	493	412
FISDE and other foreign medical plans		
Statement		
Provisions for employee benefits	€ 182	€ 177

Provisions for employee benefits - Present value of employee benefits, estimated by applying actuarial techniques (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Statement		
Net benefit liability (asset) at beginning of year	€ 1,136	
Net benefit liability (asset) at end of year	1,201	€ 1,136
Other benefit plans		
Statement		
Net benefit liability (asset) at beginning of year	278	
Net benefit liability (asset) at end of year	268	278
Defined benefit plan		
Statement		
Net defined benefit liability (asset) at beginning of year	858	
Net defined benefit liability (asset) at end of year	933	858
Italian defined benefit plans		
Statement		
Net defined benefit liability (asset) at beginning of year	269	
Net defined benefit liability (asset) at end of year	258	269
Foreign defined benefit plan		
Statement		
Net defined benefit liability (asset) at beginning of year	412	
Net defined benefit liability (asset) at end of year	493	412
FISDE and other foreign medical plans		
Statement		
Net defined benefit liability (asset) at beginning of year	177	
Net defined benefit liability (asset) at end of year	182	177
Present value of benefit liabilities		
Statement		
Net benefit liability (asset) at beginning of year	1,768	1,657
Current cost	76	76
Interest cost/income	32	45
Remeasurements:	70	71
- actuarial (gains) losses due to changes in demographic assumptions	(9)	
- actuarial (gains) losses due to changes in financial assumptions	98	61
- experience (gains) losses	(19)	10
Past service cost and (gains) losses settlements	18	7
Plan contributions:	1	1
- employee contributions	1	1
Benefits paid	(125)	(140)
Currency translation differences and other changes	8	51
Net benefit liability (asset) at end of year	1,848	1,768
Present value of benefit liabilities Other benefit plans		
Statement		
Net benefit liability (asset) at beginning of year	278	309
Current cost	50	55

Interest cost/income	1	1
Remeasurements:	4	1
- actuarial (gains) losses due to changes in demographic assumptions	2	
- actuarial (gains) losses due to changes in financial assumptions	5	1
- experience (gains) losses	(3)	
Past service cost and (gains) losses settlements	20	(2)
Benefits paid	(63)	(88)
Currency translation differences and other changes	(22)	2
Net benefit liability (asset) at end of year	268	278
Present value of benefit liabilities Defined benefit plan		
Statement		
Net defined benefit liability (asset) at beginning of year	1,490	1,348
Current cost	26	21
Interest cost/income	31	44
Remeasurements:	66	70
- actuarial (gains) losses due to changes in demographic assumptions	(11)	
- actuarial (gains) losses due to changes in financial assumptions	93	60
- experience (gains) losses	(16)	10
Past service cost and (gains) losses settlements	(2)	9
Plan contributions:	1	1
- employee contributions	1	1
Benefits paid	(62)	(52)
Currency translation differences and other changes	30	49
Net defined benefit liability (asset) at end of year	1,580	1,490
Present value of benefit liabilities Italian defined benefit plans		
Statement		
Net defined benefit liability (asset) at beginning of year	269	275
Interest cost/income	2	4
Remeasurements:	5	5
- actuarial (gains) losses due to changes in demographic assumptions	(3)	
- actuarial (gains) losses due to changes in financial assumptions	9	7
- experience (gains) losses	(1)	(2)
Benefits paid	(20)	(15)
Currency translation differences and other changes	2	
Net defined benefit liability (asset) at end of year	258	269
Present value of benefit liabilities Foreign defined benefit plan		
Statement		
Net defined benefit liability (asset) at beginning of year	1,044	925
Current cost	23	19
Interest cost/income	27	37
Remeasurements:	48	41

- actuarial (gains) losses due to changes in demographic assumptions	(10)	
- actuarial (gains) losses due to changes in financial assumptions	71	50
- experience (gains) losses	(13)	(9)
Past service cost and (gains) losses settlements	(2)	1
Plan contributions:	1	1
- employee contributions	1	1
Benefits paid	(33)	(28)
Currency translation differences and other changes	32	48
Net defined benefit liability (asset) at end of year	1,140	1,044
Present value of benefit liabilities FISDE and other foreign medical plans		
Statement		
Net defined benefit liability (asset) at beginning of year	177	148
Current cost	3	2
Interest cost/income	2	3
Remeasurements:	13	24
- actuarial (gains) losses due to changes in demographic assumptions	2	
- actuarial (gains) losses due to changes in financial assumptions	13	3
- experience (gains) losses	(2)	21
Past service cost and (gains) losses settlements		8
Benefits paid	(9)	(9)
Currency translation differences and other changes	(4)	1
Net defined benefit liability (asset) at end of year	182	177
Plan assets		
Statement		
Net benefit liability (asset) at beginning of year	(632)	(545)
Interest cost/income	(15)	(20)
Return on plan assets	(51)	(23)
Past service cost and (gains) losses settlements	3	
Plan contributions:	(15)	(14)
- employee contributions	(1)	(1)
- employer contributions	(14)	(13)
Benefits paid	21	19
Currency translation differences and other changes	41	(49)
Net benefit liability (asset) at end of year	(648)	(632)
Plan assets Defined benefit plan		
Statement		
Net defined benefit liability (asset) at beginning of year	(632)	(545)
Interest cost/income	(15)	(20)
Return on plan assets	(51)	(23)
Past service cost and (gains) losses settlements	3	
Plan contributions:	(15)	(14)
- employee contributions	(1)	(1)
- employer contributions	(14)	(13)
Benefits paid	21	19
Currency translation differences and other changes	41	(49)

Net defined benefit liability (asset) at end of year	(648)	(632)
Plan assets Foreign defined benefit plan		
Statement		
Net defined benefit liability (asset) at beginning of year	(632)	(545)
Interest cost/income	(15)	(20)
Return on plan assets	(51)	(23)
Past service cost and (gains) losses settlements	3	
Plan contributions:	(15)	(14)
- employee contributions	(1)	(1)
- employer contributions	(14)	(13)
Benefits paid	21	19
Currency translation differences and other changes	41	(49)
Net defined benefit liability (asset) at end of year	(648)	(632)
Asset ceiling		
Statement		
Net benefit liability (asset) at beginning of year		5
Change in asset ceiling	1	(5)
Net benefit liability (asset) at end of year	1	
Asset ceiling Defined benefit plan		
Statement		
Net defined benefit liability (asset) at beginning of year		5
Change in asset ceiling	1	(5)
Net defined benefit liability (asset) at end of year	1	
Asset ceiling Foreign defined benefit plan		
Statement		
Net defined benefit liability (asset) at beginning of year		5
Change in asset ceiling	1	€ (5)
Net defined benefit liability (asset) at end of year	€ 1	

Provisions for employee benefits - Costs charged to the profit and loss account (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Statement		
Current cost	€ 76	€ 76
Past service cost and (gains) losses on settlements	21	7
- interest cost on liabilities	32	45
- interest income on plan assets	(15)	(20)
Interest cost (income), net	17	25
Remeasurements for long-term plans	4	1
Total	118	109
Payroll and related costs		
Statement		
Interest cost (income), net	1	1
Total	102	85
Financial income (expense)		
Statement		
Interest cost (income), net	16	24
Total	16	24
Other benefit plans		
Statement		
Current cost	50	55
Past service cost and (gains) losses on settlements	20	(2)
- interest cost on liabilities	1	1
Interest cost (income), net	1	1
Remeasurements for long-term plans	4	1
Total	75	55
Other benefit plans Payroll and related costs		
Statement		
Interest cost (income), net	1	1
Total	75	55
Defined benefit plan		
Statement		
Current cost	26	21
Past service cost and (gains) losses on settlements	1	9
- interest cost on liabilities	31	44
- interest income on plan assets	(15)	(20)
Interest cost (income), net	16	24
Total	43	54
Defined benefit plan Payroll and related costs		
Statement		
Total	27	30
Defined benefit plan Financial income (expense)		
Statement		
Interest cost (income), net	16	24
Total	16	24
Italian defined benefit plans		

Statement		
- interest cost on liabilities	2	4
Interest cost (income), net	2	4
Total	2	4
Italian defined benefit plans Financial income (expense)		
Statement		
Interest cost (income), net	2	4
Total	2	4
Foreign defined benefit plan		
Statement		
Current cost	23	19
Past service cost and (gains) losses on settlements	1	1
- interest cost on liabilities	27	37
- interest income on plan assets	(15)	(20)
Interest cost (income), net	12	17
Total	36	37
Foreign defined benefit plan Payroll and related costs		
Statement		
Total	24	20
Foreign defined benefit plan Financial income (expense)		
Statement		
Interest cost (income), net	12	17
Total	12	17
FISDE and other foreign medical plans		
Statement		
Current cost	3	2
Past service cost and (gains) losses on settlements		8
- interest cost on liabilities	2	3
Interest cost (income), net	2	3
Total	5	13
FISDE and other foreign medical plans Payroll and related costs		
Statement		
Total	3	10
FISDE and other foreign medical plans Financial income (expense)		
Statement		
Interest cost (income), net	2	3
Total	€2	€3

Provisions for employee benefits - Costs of defined benefit plans recognized in other comprehensive income (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Statement			
Actuarial (gains)/losses due to changes in demographic assumptions	€ (11)		
Actuarial (gains)/losses due to changes in financial assumptions	93	€ 60	
Experience (gains) losses	(16)	10	
Return on plan assets	(51)	(23)	
Change in asset ceiling	1	(5)	
Remeasurements	16	42	€ 15
Italian defined benefit plans			
Statement			
Actuarial (gains)/losses due to changes in demographic assumptions	(3)		
Actuarial (gains)/losses due to changes in financial assumptions	9	7	
Experience (gains) losses	(1)	(2)	
Remeasurements	5	5	
Foreign defined benefit plan			
Statement			
Actuarial (gains)/losses due to changes in demographic assumptions	(10)		
Actuarial (gains)/losses due to changes in financial assumptions	71	50	
Experience (gains) losses	(13)	(9)	
Return on plan assets	(51)	(23)	
Change in asset ceiling	1	(5)	
Remeasurements	(2)	13	
FISDE and other foreign medical plans			
Statement			
Actuarial (gains)/losses due to changes in demographic assumptions	2		
Actuarial (gains)/losses due to changes in financial assumptions	13	3	
Experience (gains) losses	(2)	21	
Remeasurements	€ 13	€ 24	

Provisions for employee benefits - Plan assets (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Statement		
Cash and cash equivalents	€ 117	€ 32
Equity securities	38	39
Debt securities	297	388
Real estate	8	7
Derivatives	2	2
Investment funds	76	79
Assets held by insurance company	23	20
Other	87	65
Total	648	632
Level 1		
Statement		
Cash and cash equivalents	117	32
Equity securities	38	39
Debt securities	297	388
Real estate	8	7
Derivatives	2	2
Investment funds	76	79
Assets held by insurance company	20	17
Other	87	65
Total	645	629
Level 2 and 3 of fair value hierarchy		
Statement		
Assets held by insurance company	3	3
Total	€3	€3

Provisions for employee benefits - Actuarial assumptions used in the measurement of the liabilities (Details)	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Other benefit plans		
Statement		
Rate of price inflation	0.80%	0.70%
Other benefit plans Minimum		
Statement		
Discount rate	0.00%	0.00%
Other benefit plans Maximum		
Statement		
Discount rate	0.30%	0.70%
Italian defined benefit plans		
Statement		
Discount rate	0.30%	0.70%
Rate of compensation increase	1.80%	1.70%
Rate of price inflation	0.80%	0.70%
Foreign defined benefit plan Minimum		
Statement		
Discount rate	0.10%	0.00%
Rate of compensation increase	1.30%	1.30%
Rate of price inflation	0.80%	0.80%
Life expectations on retirement at age 65	13 years	13 years
Foreign defined benefit plan Maximum		
Statement		
Discount rate	14.70%	13.70%
Rate of compensation increase	12.50%	12.50%
Rate of price inflation	12.20%	11.30%
Life expectations on retirement at age 65	26 years	25 years
FISDE and other foreign medical plans		
Statement		
Discount rate	0.30%	0.70%
Rate of price inflation	0.80%	0.70%
Life expectations on retirement at age 65	24 years	24 years

Provisions for employee benefits - Analysis by geographical area related to the main actuarial assumptions (Details) - Foreign defined benefit plan	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Minimum		
Statement		
Discount rate	0.10%	0.00%
Rate of compensation increase	1.30%	1.30%
Rate of price inflation	0.80%	0.80%
Life expectations on retirement at age 65	13 years	13 years
Maximum		
Statement		
Discount rate	14.70%	13.70%
Rate of compensation increase	12.50%	12.50%
Rate of price inflation	12.20%	11.30%
Life expectations on retirement at age 65	26 years	25 years
Euro Area Minimum		
Statement		
Discount rate	0.40%	0.80%
Rate of compensation increase	1.30%	1.30%
Rate of price inflation	1.30%	1.30%
Life expectations on retirement at age 65	21 years	21 years
Euro Area Maximum		
Statement		
Discount rate	0.80%	1.00%
Rate of compensation increase	3.00%	3.00%
Rate of price inflation	1.90%	2.00%
Life expectations on retirement at age 65	22 years	22 years
Rest of Europe Minimum		
Statement		
Discount rate	0.10%	0.00%
Rate of compensation increase	2.50%	2.50%
Rate of price inflation	0.80%	0.80%
Life expectations on retirement at age 65	23 years	24 years
Rest of Europe Maximum		
Statement		
Discount rate	1.40%	2.00%
Rate of compensation increase	3.60%	3.60%
Rate of price inflation	3.10%	3.10%
Life expectations on retirement at age 65	26 years	25 years
Africa Minimum		
Statement		
Discount rate	2.60%	2.60%
Rate of compensation increase	2.00%	2.00%
Rate of price inflation	2.60%	2.60%
Life expectations on retirement at age 65	13 years	13 years
Africa Maximum		

Statement		
Discount rate	14.70%	13.70%
Rate of compensation increase	12.50%	12.50%
Rate of price inflation	12.20%	11.30%
Life expectations on retirement at age 65	17 years	17 years
Other areas Minimum		
Statement		
Discount rate	6.40%	7.30%
Rate of compensation increase	5.00%	10.00%
Rate of price inflation	3.00%	3.30%
Other areas Maximum		
Statement		
Discount rate	9.80%	11.30%
Rate of compensation increase	9.80%	11.30%
Rate of price inflation	5.00%	5.00%

Provisions for employee benefits - Effects of a possible change in the main actuarial assumptions (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Statement		
Percentage of reasonably possible increase in actuarial assumption	0.50%	0.50%
Percentage of reasonably possible decrease in actuarial assumption	0.50%	0.50%
Other benefit plans Actuarial assumption of discount rates		
Statement		
Increase (decrease) in other benefit obligation due to reasonably possible increase in actuarial assumption	€ (3)	€ (4)
Increase (decrease) in other benefit obligation due to reasonably possible decrease in actuarial assumption	1	1
Other benefit plans Actuarial assumption of expected rates of inflation		
Statement		
Increase (decrease) in other benefit obligation due to reasonably possible increase in actuarial assumption	1	1
Italian defined benefit plans Actuarial assumption of discount rates		
Statement		
Increase (decrease) in defined benefit obligation due to reasonably possible increase in actuarial assumption	(10)	(12)
Increase (decrease) in defined benefit obligation due to reasonably possible decrease in actuarial assumption	6	13
Italian defined benefit plans Actuarial assumption of expected rates of inflation		
Statement		
Increase (decrease) in defined benefit obligation due to reasonably possible increase in actuarial assumption	7	8
Foreign defined benefit plan Actuarial assumption of discount rates		
Statement		
Increase (decrease) in defined benefit obligation due to reasonably possible increase in actuarial assumption	(84)	(67)
Increase (decrease) in defined benefit obligation due to reasonably possible decrease in actuarial assumption	92	77
Foreign defined benefit plan Actuarial assumption of expected rates of inflation		
Statement		
Increase (decrease) in defined benefit obligation due to reasonably possible increase in actuarial assumption	47	31
Foreign defined benefit plan Actuarial assumption of expected rates of salary increases		
Statement		
Increase (decrease) in defined benefit obligation due to reasonably possible increase in actuarial assumption	25	18
Foreign defined benefit plan Actuarial assumption of expected rates of pension increases		

Statement		
Increase (decrease) in defined benefit obligation due to reasonably possible increase in actuarial assumption	67	34
FISDE and other foreign medical plans Actuarial assumption of discount rates		
Statement		
Increase (decrease) in defined benefit obligation due to reasonably possible increase in actuarial assumption	(10)	(9)
Increase (decrease) in defined benefit obligation due to reasonably possible decrease in actuarial assumption	7	10
FISDE and other foreign medical plans Actuarial assumption of medical cost trend rates		
Statement		
Increase (decrease) in defined benefit obligation due to reasonably possible increase in actuarial assumption	€ 11	€ 10

Provisions for employee benefits - Maturity analysis (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Statement		
Net benefit liability (asset)	€ 1,201	€ 1,136
Other benefit plans		
Statement		
Net benefit liability (asset)	€ 268	€ 278
Other benefit plans Average		
Statement		
Weighted average duration of benefit obligation	2 years 9 months 18 days	3 years
Other benefit plans within 1 year		
Statement		
Net benefit liability (asset)	€ 71	€ 73
Other benefit plans Later than one year and not later than two years		
Statement		
Net benefit liability (asset)	66	68
Other benefit plans Later than two years and not later than three years		
Statement		
Net benefit liability (asset)	63	61
Other benefit plans Later than three years and not later than four years		
Statement		
Net benefit liability (asset)	16	17
Other benefit plans Later than four years and not later than five years		
Statement		
Net benefit liability (asset)	12	14
Other benefit plans beyond 5 years		
Statement		
Net benefit liability (asset)	40	45
Italian defined benefit plans		
Statement		
Net defined benefit liability (asset)	€ 258	€ 269
Italian defined benefit plans Average		
Statement		
Weighted average duration of defined benefit obligation	8 years 2 months 12 days	9 years 4 months 24 days
Italian defined benefit plans within 1 year		
Statement		
Net defined benefit liability (asset)	€ 12	€ 17
Italian defined benefit plans Later than one year and not later than two years		
Statement		
Net defined benefit liability (asset)	13	16
Italian defined benefit plans Later than two years and not later than three years		
Statement		

Net defined benefit liability (asset)	17	12
Italian defined benefit plans Later than three years and not later than four years		
Statement		
Net defined benefit liability (asset)	20	10
Italian defined benefit plans Later than four years and not later than five years		
Statement		
Net defined benefit liability (asset)	21	15
Italian defined benefit plans beyond 5 years		
Statement		
Net defined benefit liability (asset)	175	199
Foreign defined benefit plan		
Statement		
Net defined benefit liability (asset)	€ 493	€ 412
Foreign defined benefit plan Average		
Statement		
Weighted average duration of defined benefit obligation	19 years 1 month 6 days	18 years 1 month 6 days
Foreign defined benefit plan within 1 year		
Statement		
Net defined benefit liability (asset)	€ 44	€ 33
Foreign defined benefit plan Later than one year and not later than two years		
Statement		
Net defined benefit liability (asset)	42	35
Foreign defined benefit plan Later than two years and not later than three years		
Statement		
Net defined benefit liability (asset)	50	32
Foreign defined benefit plan Later than three years and not later than four years		
Statement		
Net defined benefit liability (asset)	63	39
Foreign defined benefit plan Later than four years and not later than five years		
Statement		
Net defined benefit liability (asset)	67	49
Foreign defined benefit plan beyond 5 years		
Statement		
Net defined benefit liability (asset)	227	224
FISDE and other foreign medical plans		
Statement		
Net defined benefit liability (asset)	€ 182	€ 177
FISDE and other foreign medical plans Average		
Statement		
Weighted average duration of defined benefit obligation	13 years 8 months 12 days	13 years 3 months 18 days
FISDE and other foreign medical plans within 1 year		
Statement		
Net defined benefit liability (asset)	€ 8	€ 9
FISDE and other foreign medical plans Later than one		

year and not later than two years		
Statement		
Net defined benefit liability (asset)	7	8
FISDE and other foreign medical plans Later than two years and not later than three years		
Statement		
Net defined benefit liability (asset)	7	7
FISDE and other foreign medical plans Later than three years and not later than four years		
Statement		
Net defined benefit liability (asset)	7	7
FISDE and other foreign medical plans Later than four years and not later than five years		
Statement		
Net defined benefit liability (asset)	7	7
FISDE and other foreign medical plans beyond 5 years		
Statement		
Net defined benefit liability (asset)	€ 146	€ 139

Provisions for employee benefits - Additional information (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Statement		
Net benefit liability (asset)	€ 1,201	€ 1,136
Estimate of contributions expected to be paid to plan for next annual reporting period	132	
Exploration & Production		
Statement		
Net benefit liability (asset)	268	175
Defined benefit plan		
Statement		
Estimate of contributions expected to be paid to plan for next annual reporting period	61	
Other benefit plans		
Statement		
Net benefit liability (asset)	268	€ 278
Deferred monetary incentive plans		
Statement		
Net benefit liability (asset)	128	
Isopensione		
Statement		
Net benefit liability (asset)	97	
Jubilee Awards		
Statement		
Net benefit liability (asset)	28	
Other Long term Plans		
Statement		
Net benefit liability (asset)	€ 15	

Deferred tax assets and liabilities (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Deferred tax assets and liabilities		
Deferred tax liabilities before offsetting	€ 8,581	€ 9,583
Deferred tax assets available for offset	(3,057)	(4,663)
Deferred tax liabilities	5,524	4,920
Deferred tax assets before offsetting (net of accumulated write-down provisions)	7,166	9,023
Deferred tax liabilities available for offset	(3,057)	(4,663)
Deferred tax assets	€ 4,109	€ 4,360

Deferred tax assets and liabilities - Significant temporary differences (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Temporary differences		
Deferred tax liabilities before offsetting	€ 8,581	€ 9,583
Deferred tax assets	(7,166)	(9,023)
Deferred tax assets, gross		
Temporary differences		
Deferred tax assets	(16,231)	(15,767)
Accumulated impairment		
Temporary differences		
Deferred tax assets	9,065	6,744
Accelerated tax depreciation		
Temporary differences		
Deferred tax liabilities before offsetting	6,171	6,796
Leasing		
Temporary differences		
Deferred tax liabilities before offsetting	1,089	1,375
Leasing Deferred tax assets, gross		
Temporary differences		
Deferred tax assets	(1,113)	(1,385)
Difference between the fair value and the carrying amount of assets acquired		
Temporary differences		
Deferred tax liabilities before offsetting	415	617
Site restoration and abandonment (tangible assets)		
Temporary differences		
Deferred tax liabilities before offsetting	199	126
Application of the weighted average cost method in evaluation of inventories		
Temporary differences		
Deferred tax liabilities before offsetting	56	97
Other temporary differences		
Temporary differences		
Deferred tax liabilities before offsetting	651	572
Other temporary differences Deferred tax assets, gross		
Temporary differences		
Deferred tax assets	(593)	(740)
Unused tax losses Deferred tax assets, gross		
Temporary differences		
Deferred tax assets	(6,983)	(6,065)
Site restoration and abandonment (provisions for contingencies) Deferred tax assets, gross		
Temporary differences		
Deferred tax assets	(2,211)	(2,242)
Timing differences on depreciation and amortization Deferred tax assets, gross		

Temporary differences		
Deferred tax assets	(2,206)	(2,022)
Accruals for impairment losses and provisions for contingencies Deferred tax assets, gross		
Temporary differences		
Deferred tax assets	(1,371)	(1,513)
Impairment losses Deferred tax assets, gross		
Temporary differences		
Deferred tax assets	(1,213)	(946)
Employee benefits Deferred tax assets, gross		
Temporary differences		
Deferred tax assets	(213)	(209)
Over/Under lifting Deferred tax assets, gross		
Temporary differences		
Deferred tax assets	(211)	(525)
Unrealized intercompany profits Deferred tax assets, gross		
Temporary differences		
Deferred tax assets	€(117)	€(120)

Deferred tax assets and liabilities - Changes in deferred tax liabilities and assets (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Deferred tax liabilities, gross		
Deferred tax assets and liabilities		
Deferred tax liability (asset) at beginning of year	€ 9,583	€ 7,956
Additions	960	1,265
Deductions	(1,326)	(1,205)
Currency translation differences	(725)	194
Other changes	89	(97)
Deferred tax liability (asset) at end of year	8,581	9,583
Deferred tax liabilities, gross Increase (decrease) due to application of IFRS 16		
Deferred tax assets and liabilities		
Deferred tax liability (asset) at beginning of year		1,470
Deferred tax liabilities, gross After initial application		
Deferred tax assets and liabilities		
Deferred tax liability (asset) at beginning of year		9,426
Deferred tax assets, gross		
Deferred tax assets and liabilities		
Deferred tax liability (asset) at beginning of year	(15,767)	(13,356)
Additions	(2,649)	(2,091)
Deductions	1,357	1,407
Currency translation differences	742	(182)
Other changes	86	(75)
Deferred tax liability (asset) at end of year	(16,231)	(15,767)
Deferred tax assets, gross Increase (decrease) due to application of IFRS 16		
Deferred tax assets and liabilities		
Deferred tax liability (asset) at beginning of year		(1,470)
Deferred tax assets, gross After initial application		
Deferred tax assets and liabilities		
Deferred tax liability (asset) at beginning of year		(14,826)
Accumulated impairment		
Deferred tax assets and liabilities		
Deferred tax liability (asset) at beginning of year	6,744	5,741
Additions	2,638	1,161
Deductions	(130)	(174)
Currency translation differences	(192)	34
Other changes	5	(18)
Deferred tax liability (asset) at end of year	9,065	6,744
Accumulated impairment After initial application		
Deferred tax assets and liabilities		
Deferred tax liability (asset) at beginning of year		5,741
Deferred tax assets net of impairment before offsetting		
Deferred tax assets and liabilities		
Deferred tax liability (asset) at beginning of year	(9,023)	(7,615)

Additions	(11)	(930)
Deductions	1,227	1,233
Currency translation differences	550	(148)
Other changes	91	(93)
Deferred tax liability (asset) at end of year	€ (7,166)	(9,023)
Deferred tax assets net of impairment before offsetting Increase (decrease) due to application of IFRS 16		
Deferred tax assets and liabilities		
Deferred tax liability (asset) at beginning of year		(1,470)
Deferred tax assets net of impairment before offsetting After initial application		
Deferred tax assets and liabilities		
Deferred tax liability (asset) at beginning of year		€ (9,085)

Deferred tax assets and liabilities - Additional information (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Deferred tax assets and liabilities			
Carry-forward tax losses	€ 23,325		
Carry-forward tax losses indefinitely	17,323		
Deferred tax assets	€ 7,166	€ 9,023	
Tax rate	24.00%	24.00%	24.00%
Accumulated impairment			
Deferred tax assets and liabilities			
Deferred tax assets	€ (9,065)	€ (6,744)	
Italy			
Deferred tax assets and liabilities			
Carry-forward tax losses	€ 13,153		
Tax rate	24.00%		
Italy Accumulated impairment			
Deferred tax assets and liabilities			
Deferred tax assets	€ (7,090)		
Italy Unused tax losses			
Deferred tax assets and liabilities			
Deferred tax assets	3,734		
Foreign (outside Italy)			
Deferred tax assets and liabilities			
Carry-forward tax losses	€ 10,172		
Tax rate	31.90%		
Foreign (outside Italy) Accumulated impairment			
Deferred tax assets and liabilities			
Deferred tax assets	€ (1,975)		
Foreign (outside Italy) Unused tax losses			
Deferred tax assets and liabilities			
Deferred tax assets	€ 3,249		

Derivative financial instruments and hedge accounting (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Derivative financial instruments and hedge accounting		
Derivative financial assets	€ 2,733	€ 3,239
Offsetting	(1,033)	(612)
Net amount	1,700	2,627
- current	1,548	2,573
- non-current	152	54
Derivative financial liabilities	2,804	3,366
Offsetting	(1,033)	(612)
Net amount	1,771	2,754
- current	1,609	2,704
- non-current	162	50
Non-hedging derivatives		
Derivative financial instruments and hedge accounting		
Derivative financial assets	792	437
Derivative financial liabilities	734	321
Non-hedging derivatives Currency		
Derivative financial instruments and hedge accounting		
Derivative financial assets	257	131
Derivative financial liabilities	136	48
Non-hedging derivatives Currency Currency swap contract Level 2		
Derivative financial instruments and hedge accounting		
Derivative financial assets	125	97
Derivative financial liabilities	127	43
Non-hedging derivatives Currency Interest rate swap contract Level 2		
Derivative financial instruments and hedge accounting		
Derivative financial assets	128	26
Derivative financial liabilities	2	
Non-hedging derivatives Currency Outright Level 2		
Derivative financial instruments and hedge accounting		
Derivative financial assets	4	8
Derivative financial liabilities	7	5
Non-hedging derivatives Interest rate risk		
Derivative financial instruments and hedge accounting		
Derivative financial assets	23	13
Derivative financial liabilities	74	34
Non-hedging derivatives Interest rate risk Interest rate swap contract Level 2		
Derivative financial instruments and hedge accounting		
Derivative financial assets	23	13
Derivative financial liabilities	74	34
Non-hedging derivatives Commodity price risk		
Derivative financial instruments and hedge accounting		
Derivative financial assets	512	293
Derivative financial liabilities	524	239

Non-hedging derivatives Commodity price risk Futures contract Level 1		
Derivative financial instruments and hedge accounting		
Derivative financial assets	418	192
Derivative financial liabilities	447	181
Non-hedging derivatives Commodity price risk Over the counter contract Level 2		
Derivative financial instruments and hedge accounting		
Derivative financial assets	89	89
Derivative financial liabilities	77	58
Non-hedging derivatives Commodity price risk Other contracts Level 2		
Derivative financial instruments and hedge accounting		
Derivative financial assets	5	12
Trading derivatives		
Derivative financial instruments and hedge accounting		
Derivative financial assets	1,611	2,756
Derivative financial liabilities	1,979	2,288
Trading derivatives Commodity price risk Futures contract Level 1		
Derivative financial instruments and hedge accounting		
Derivative financial assets	440	348
Derivative financial liabilities	525	313
Trading derivatives Commodity price risk Over the counter contract Level 2		
Derivative financial instruments and hedge accounting		
Derivative financial assets	1,167	2,387
Derivative financial liabilities	1,451	1,953
Trading derivatives Commodity price risk Option contract Level 2		
Derivative financial instruments and hedge accounting		
Derivative financial assets	4	21
Derivative financial liabilities	3	22
Cash flow hedge derivatives		
Derivative financial instruments and hedge accounting		
Derivative financial assets	328	35
Derivative financial liabilities	89	746
Cash flow hedge derivatives Commodity price risk Futures contract Level 1		
Derivative financial instruments and hedge accounting		
Derivative financial assets	119	34
Derivative financial liabilities	8	148
Cash flow hedge derivatives Commodity price risk Over the counter contract Level 2		
Derivative financial instruments and hedge accounting		
Derivative financial assets	209	1
Derivative financial liabilities	30	596
Cash flow hedge derivatives Commodity price risk Option contract Level 2		
Derivative financial instruments and hedge accounting		

Derivative financial liabilities	51	2
Option embedded in convertible bonds Level 2		
Derivative financial instruments and hedge accounting		
Derivative financial assets	2	11
Derivative financial liabilities	€2	€11

Derivative financial instruments and hedge accounting - Hedging derivative instruments (Details) - Cash flow hedge derivatives €in Millions	12 Months Ended	
	Dec. 31, 2020 EUR (€)	Dec. 31, 2019 EUR (€)
Derivative financial instruments and hedge accounting		
Nominal amount of the hedging instrument	1,362	3,424
Change in fair value (effective hedge)	€ (280)	€ (1,418)
Change in fair value (ineffective hedge)	€ (1)	€ (2)
Commodity price risk Over the counter contract		
Derivative financial instruments and hedge accounting		
Nominal amount of the hedging instrument	821	2,179
Change in fair value (effective hedge)	€ (438)	€ (1,357)
Change in fair value (ineffective hedge)		€ (2)
Commodity price risk Futures contract		
Derivative financial instruments and hedge accounting		
Nominal amount of the hedging instrument	541	1,245
Change in fair value (effective hedge)	€ 158	€ (61)
Change in fair value (ineffective hedge)	€ (1)	

Derivative financial instruments and hedge accounting - Underlying asset or liability by type of risk hedged under cash flow hedge (Details) - Cash flow hedge derivatives - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Cash flow hedges [abstract]		
Change of underlying asset used for calculation of hedging ineffectiveness	€ 284	€ 1,444
CFH reserve	(7)	(656)
Reclassification adjustments on cash flow hedges, before tax	(941)	(739)
Commodity price risk Planned sales		
Cash flow hedges [abstract]		
Change of underlying asset used for calculation of hedging ineffectiveness	284	1,444
CFH reserve	(7)	(656)
Reclassification adjustments on cash flow hedges, before tax	€ (941)	€ (739)

Derivative financial instruments and hedge accounting - Effects recognized in other operating profit (loss) (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Derivative financial instruments and hedge accounting			
Other operating income (expense)	€ (766)	€ 287	€ 129
Derivatives			
Derivative financial instruments and hedge accounting			
Other operating income (expense)	(766)	287	129
Cash flow hedge derivatives			
Derivative financial instruments and hedge accounting			
Other operating income (expense)	(1)	(2)	
Other derivatives			
Derivative financial instruments and hedge accounting			
Other operating income (expense)	€ (765)	€ 289	€ 129

Derivative financial instruments and hedge accounting - Effects recognized in finance income (loss) (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Derivative financial instruments and hedge accounting			
Income (expense) from derivative financial instruments	€ 351	€ (14)	€ (307)
Currency			
Derivative financial instruments and hedge accounting			
Income (expense) from derivative financial instruments	391	9	(329)
Interest rate risk			
Derivative financial instruments and hedge accounting			
Income (expense) from derivative financial instruments	€ (40)	€ (23)	€ 22

Derivative financial instruments and hedge accounting - Additional Information (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Derivative financial instruments and hedge accounting		
Bonds issued	€ 19,816	€ 19,172
Fair value hedges US Dollars		
Derivative financial instruments and hedge accounting		
Exchange rate risk deriving from securities	€ 1,335	
Hedging instrument	120	
Bonds issued	€ 1,546	

Assets held for sale and liabilities directly associated with assets held for sale (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Assets held for sale and liabilities directly associated with assets held for sale		
Non-current assets or disposal groups classified as held for sale	€ 44	€ 18
Tangible assets		
Assets held for sale and liabilities directly associated with assets held for sale		
Non-current assets or disposal groups classified as held for sale	€ 44	€ 18

Equity (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Equity		
Share capital	€4,005	€4,005
Retained earnings	34,043	35,894
Cumulative currency translation differences	3,895	7,209
Perpetual subordinated bonds	3,000	
Legal reserve	959	959
Reserve for treasury shares	581	981
Reserve for OCI on cash flow hedging derivatives net of the tax effect	(5)	(465)
Reserve for OCI on defined benefit plans net of tax effect	(165)	(173)
Reserve for OCI on equity-accounted investments	92	60
Reserve for OCI on other investments valued at fair value	36	12
Other reserves	190	190
Treasury shares	(581)	(981)
Net profit (loss) for the year	(8,635)	148
Equity attributable to equity holders of Eni	€37,415	€47,839

Equity - Reserves for Other Comprehensive Income (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Reserves within equity		
Balance	€ 47,900	€ 51,073
Balance	37,493	47,900
Reserve for OCI on cash flow hedge derivatives		
Reserves within equity		
Balance	(465)	(9)
Changes of the year	(199)	(1,007)
Reversal to inventories adjustments	(9)	26
Reclassification adjustments	668	525
Balance	(5)	(465)
Reserve for OCI on cash flow hedge derivatives Gross reserve		
Reserves within equity		
Balance	(656)	(13)
Changes of the year	(280)	(1,418)
Reversal to inventories adjustments	(12)	36
Reclassification adjustments	941	739
Balance	(7)	(656)
Reserve for OCI on cash flow hedge derivatives Deferred tax liabilities, gross		
Reserves within equity		
Balance	191	4
Changes of the year	81	411
Reversal to inventories adjustments	3	(10)
Reclassification adjustments	(273)	(214)
Balance	2	191
Reserve for OCI on defined benefit plans		
Reserves within equity		
Balance	(173)	(130)
Changes of the year	9	(44)
Foreign currency translation differences	(1)	(3)
Change in scope of consolidation		4
Balance	(165)	(173)
OCI relating to equity-accounted investments	(7)	(7)
Reserve for OCI on defined benefit plans Gross reserve		
Reserves within equity		
Balance	(190)	(143)
Changes of the year	(16)	(49)
Foreign currency translation differences	(6)	(3)
Change in scope of consolidation		5
Balance	(212)	(190)
Reserve for OCI on defined benefit plans Deferred tax liabilities, gross		
Reserves within equity		

Balance	17	13
Changes of the year	25	5
Foreign currency translation differences	5	
Change in scope of consolidation		(1)
Balance	47	17
Reserve for OCI equity-accounted investments		
Reserves within equity		
Balance	60	66
Changes of the year	32	(6)
Balance	92	60
Reserve for OCI on Investments fair value		
Reserves within equity		
Balance	12	15
Changes of the year	24	(3)
Balance	€ 36	€ 12

Equity - Reconciliation of net profit and shareholders' equity of parent company (Details) - EUR (€) €in Millions	12 Months Ended			
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018	Dec. 31, 2017
Separate to consolidated reconciliation				
Excess of net equity stated in the separate accounts of consolidated subsidiaries over the corresponding carrying amounts of the parent company, Net profit	€ (10,660)	€ (2,800)		
- difference between purchase cost and underlying carrying amounts of net equity, Net profit	(6)	(6)		
- adjustments to comply with Group accounting policies, Net profit	264	(348)		
- elimination of unrealized intercompany profits, Net profit	88	(74)		
- deferred taxation, Net profit	79	405		
Profit (loss)	(8,628)	155	€ 4,137	
Non-controlling interest, Net profit	(7)	(7)	(11)	
Profit (loss), attributable to owners of parent	(8,635)	148	4,126	
Excess of net equity stated in the separate accounts of consolidated subsidiaries over the corresponding carrying amounts of the parent company, Shareholders' equity	(8,839)	5,211		
- difference between purchase cost and underlying carrying amounts of net equity, Shareholders' equity	193	202		
- adjustments to comply with Group accounting policies, Shareholders' equity	2,086	1,424		
- elimination of unrealized intercompany profits, Shareholders' equity	(478)	(593)		
- deferred taxation, Shareholders' equity	(176)	20		
Equity.	37,493	47,900	€ 51,073	€ 48,079
Non-controlling interest	(78)	(61)		
As recorded in Consolidated Financial Statements, Shareholders' equity	37,415	47,839		
Eni SpA's Financial Statements				
Separate to consolidated reconciliation				
Profit (loss)	1,607	2,978		
Equity.	€ 44,707	€ 41,636		

[illegible]

Initial spread on variable rate (as a percent)												3.641%	
Additional spread on variable rate (as a percent)								0.75%		0.25%			
ENI SpA													
Share capital					€ 4,005,358,876	€ 4,005,358,876							
ENI SpA Ordinary shares													
Number of shares issued shares					3,605,594,848	3,634,185,330							

Other information - Supplemental Cash Flow Information (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Other information			
Current assets	€ 15	€ 1	€ 44
Non-current assets	193	12	198
Net borrowings	(64)		11
Current and non-current liabilities	(17)	(6)	(47)
Net effect of investments	127	7	206
Fair value of investments held before the acquisition of control			(50)
Non-controlling interests	(15)	(2)	
Gain on a bargain purchase			(8)
Purchase price	112	5	148
Cash and cash equivalents	(3)		(29)
Consolidated subsidiaries and businesses net of cash and cash equivalent acquired	€ 109	5	119
Current assets		77	328
Non-current assets		188	5,079
Net borrowings		11	785
Current and non-current liabilities		(57)	(3,470)
Net effect of disposals		219	2,722
Reclassification of foreign currency translation differences among other items of comprehensive income		(24)	113
Fair value of share capital held after the sale of control			(3,498)
Fair value valuation for business combination			889
Gain (loss) on disposal		16	13
Selling price		211	239
Cash and cash equivalents		(24)	(286)
Consolidated subsidiaries and businesses net of cash and cash equivalent disposed of		€ 187	€ (47)

Other information - Additional Information (Details) €in Millions	12 Months Ended		
	Dec. 31, 2020 EUR (€) project company	Dec. 31, 2019 EUR (€)	Dec. 31, 2018 EUR (€)
Other information			
Consideration transferred, acquisition-date fair value	€ 112	€ 5	€ 148
Net effect of disposals		219	2,722
Cash and cash equivalents divested		24	286
Fair value of share capital held after the sale of control			3,498
Fair valuation of business combination			889
Reclassification of foreign currency translation differences among other items of comprehensive income		(24)	113
Selling price		€ 211	239
MET holding			
Other information			
Cash and cash equivalents divested			13
Selling price			€ 145
Var Energi AS			
Other information			
Proportion of ownership interest in joint venture	69.85%		69.60%
Agip Oil Ecuador BV			
Other information			
Percentage of ownership interest divested		100.00%	
Eni Norge AS			
Other information			
Net effect of disposals			€ 2,486
Cash and cash equivalents divested			258
Fair value of share capital held after the sale of control			3,498
Fair valuation of business combination			889
Reclassification of foreign currency translation differences among other items of comprehensive income			€ 123
Tigaz Zrt MET holding			
Other information			
Percentage of ownership interest divested			98.99%
Tigaz DSO MET holding			
Other information			
Percentage of ownership interest divested			100.00%
Lasmo sanga sanga			
Other information			
Percentage of ownership interest divested			26.25%
Selling price			€ 33
Eni Croatia BV			
Other information			
Percentage of ownership interest divested			100.00%
Cash and cash equivalents divested			€ 15
Selling price			€ 20
Eni Trinidad and Tobago Ltd			
Other information			

Percentage of ownership interest divested			100.00%
Selling price			€ 10
Evolvere			
Other information			
Percentage of voting equity interests acquired	70.00%		
Consideration transferred, acquisition-date fair value	€ 97		
Cash and cash equivalents in subsidiary or businesses acquired or disposed	3		
Companies holding authorization rights for wind projects			
Other information			
Consideration transferred, acquisition-date fair value	€ 12		
Number of companies acquired company	3		
Number of wind projects to be constructed in Puglia project	3		
SEA SpA			
Other information			
Percentage of voting equity interests acquired		60.00%	
Petroven Srl			
Other information			
Percentage of voting equity interests acquired		32.00%	
Mossi Ghisolfi Group			
Other information			
Consideration transferred, acquisition-date fair value			€ 75
Gas Distribution Company of Thessaloniki Thessaly SA			
Other information			
Percentage of voting equity interests acquired			51.00%
Consideration transferred, acquisition-date fair value			€ 24
Cash and cash equivalents in subsidiary or businesses acquired or disposed			28
Mestni Plinovodi distribucija plina doo			
Other information			
Consideration transferred, acquisition-date fair value			15
Cash and cash equivalents in subsidiary or businesses acquired or disposed			€ 1

Guarantees, commitments and risks - Guarantees (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Guarantees, commitments and risks		
Guarantees	€ 8,884	€ 8,862
Consolidated subsidiaries		
Guarantees, commitments and risks		
Guarantees	4,758	4,323
Investments in unconsolidated entities controlled by Eni		
Guarantees, commitments and risks		
Guarantees	176	197
Joint ventures and associates		
Guarantees, commitments and risks		
Guarantees	3,800	4,075
Others		
Guarantees, commitments and risks		
Guarantees	€ 150	€ 267

Guarantees, commitments and risks - Commitments and risks (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Guarantees, commitments and risks		
Commitments	€ 69,998	€ 74,338
Risks	600	676
Commitments and risks	€ 70,598	€ 75,014

Guarantees, commitments and risks - Value at risk - parametric method (Details) - EUR (€) €in Thousands	Dec. 31, 2020	Dec. 31, 2019
Interest rate risk		
Guarantees, commitments and risks		
Value at risk	€ 1,340	€ 3,000
Interest rate risk Maximum		
Guarantees, commitments and risks		
Value at risk	7,390	5,190
Interest rate risk Minimum		
Guarantees, commitments and risks		
Value at risk	1,180	2,440
Interest rate risk Average		
Guarantees, commitments and risks		
Value at risk	2,930	3,800
Currency		
Guarantees, commitments and risks		
Value at risk	180	150
Currency Maximum		
Guarantees, commitments and risks		
Value at risk	480	410
Currency Minimum		
Guarantees, commitments and risks		
Value at risk	100	70
Currency Average		
Guarantees, commitments and risks		
Value at risk	€ 280	€ 170

Guarantees, commitments and risks - Value at risk - Historic simulation method (Details) - EUR (€) €in Thousands	Dec. 31, 2020	Dec. 31, 2019
Commercial exposure		
Guarantees, commitments and risks		
Value at risk	€ 3,020	€ 9,110
Commercial exposure Maximum		
Guarantees, commitments and risks		
Value at risk	16,100	23,030
Commercial exposure Minimum		
Guarantees, commitments and risks		
Value at risk	3,020	7,740
Commercial exposure Average		
Guarantees, commitments and risks		
Value at risk	8,500	11,220
Trading		
Guarantees, commitments and risks		
Value at risk	250	310
Trading Maximum		
Guarantees, commitments and risks		
Value at risk	1,570	1,600
Trading Minimum		
Guarantees, commitments and risks		
Value at risk	100	250
Trading Average		
Guarantees, commitments and risks		
Value at risk	€ 520	€ 510

Guarantees, commitments and risks - Sensitivity EUR (Details) - Strategic liquidity risk - Euro - EUR (€) €in Thousands	Dec. 31, 2020	Dec. 31, 2019
Guarantees, commitments and risks		
Value at risk	€ 300	€ 330
Minimum		
Guarantees, commitments and risks		
Value at risk	290	310
Maximum		
Guarantees, commitments and risks		
Value at risk	370	370
Average		
Guarantees, commitments and risks		
Value at risk	€ 320	€ 350

Guarantees, commitments and risks - Sensitivity USD (Details) - Strategic liquidity risk - US Dollars - USD (\$) \$ in Thousands	Dec. 31, 2020	Dec. 31, 2019
Guarantees, commitments and risks		
Value at risk	\$ 50	\$ 50
Minimum		
Guarantees, commitments and risks		
Value at risk	30	20
Maximum		
Guarantees, commitments and risks		
Value at risk	70	50
Average		
Guarantees, commitments and risks		
Value at risk	\$ 50	\$ 40

Guarantees, commitments and risks - Expected payments for liabilities, trade and other payables (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Debt and derivatives		
Guarantees, commitments and risks		
Financial liabilities	€33,332	€32,748
Debt and derivatives within 1 year		
Guarantees, commitments and risks		
Financial liabilities	7,003	8,948
Debt and derivatives Later than one year and not later than two years		
Guarantees, commitments and risks		
Financial liabilities	2,137	2,338
Debt and derivatives Later than two years and not later than three years		
Guarantees, commitments and risks		
Financial liabilities	3,985	1,760
Debt and derivatives Later than three years and not later than four years		
Guarantees, commitments and risks		
Financial liabilities	2,541	3,177
Debt and derivatives Later than four years and not later than five years		
Guarantees, commitments and risks		
Financial liabilities	3,143	2,209
Debt and derivatives beyond 5 years		
Guarantees, commitments and risks		
Financial liabilities	14,523	14,316
Long-term debt and current portion of long-term debt		
Guarantees, commitments and risks		
Non-derivative financial liabilities	23,695	21,920
Long-term debt and current portion of long-term debt within 1 year		
Guarantees, commitments and risks		
Non-derivative financial liabilities	1,697	2,908
Long-term debt and current portion of long-term debt Later than one year and not later than two years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	1,518	1,704
Long-term debt and current portion of long-term debt Later than two years and not later than three years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	3,469	1,259
Long-term debt and current portion of long-term debt Later than three years and not later than four years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	2,049	2,743
Long-term debt and current portion of long-term debt		

Later than four years and not later than five years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	2,730	1,785
Long-term debt and current portion of long-term debt beyond 5 years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	12,232	11,521
Short term debt		
Guarantees, commitments and risks		
Non-derivative financial liabilities	2,882	2,452
Short term debt within 1 year		
Guarantees, commitments and risks		
Non-derivative financial liabilities	2,882	2,452
Long-term and current portion of long-term lease liabilities		
Guarantees, commitments and risks		
Non-derivative financial liabilities	4,984	5,622
Long-term and current portion of long-term lease liabilities within 1 year		
Guarantees, commitments and risks		
Non-derivative financial liabilities	815	884
Long-term and current portion of long-term lease liabilities Later than one year and not later than two years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	593	632
Long-term and current portion of long-term lease liabilities Later than two years and not later than three years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	503	487
Long-term and current portion of long-term lease liabilities Later than three years and not later than four years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	442	434
Long-term and current portion of long-term lease liabilities Later than four years and not later than five years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	413	424
Long-term and current portion of long-term lease liabilities beyond 5 years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	2,218	2,761
Derivatives		
Guarantees, commitments and risks		
Derivative financial liabilities	1,771	2,754
Derivatives within 1 year		
Guarantees, commitments and risks		
Derivative financial liabilities	1,609	2,704

Derivatives Later than one year and not later than two years		
Guarantees, commitments and risks		
Derivative financial liabilities	26	2
Derivatives Later than two years and not later than three years		
Guarantees, commitments and risks		
Derivative financial liabilities	13	14
Derivatives Later than three years and not later than four years		
Guarantees, commitments and risks		
Derivative financial liabilities	50	
Derivatives beyond 5 years		
Guarantees, commitments and risks		
Derivative financial liabilities	73	34
Interest on finance debt and lease liabilities		
Guarantees, commitments and risks		
Non-derivative financial liabilities	5,218	6,037
Interest on finance debt and lease liabilities within 1 year		
Guarantees, commitments and risks		
Non-derivative financial liabilities	797	935
Interest on finance debt and lease liabilities Later than one year and not later than two years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	725	754
Interest on finance debt and lease liabilities Later than two years and not later than three years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	680	616
Interest on finance debt and lease liabilities Later than three years and not later than four years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	579	575
Interest on finance debt and lease liabilities Later than four years and not later than five years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	525	475
Interest on finance debt and lease liabilities beyond 5 years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	1,912	2,682
Interest on finance debt		
Guarantees, commitments and risks		
Non-derivative financial liabilities	3,347	3,677
Interest on finance debt within 1 year		
Guarantees, commitments and risks		
Non-derivative financial liabilities	502	594
Interest on finance debt Later than one year and not later than two years		
Guarantees, commitments and risks		

Non-derivative financial liabilities	473	452
Interest on finance debt Later than two years and not later than three years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	461	353
Interest on finance debt Later than three years and not later than four years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	387	342
Interest on finance debt Later than four years and not later than five years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	360	269
Interest on finance debt beyond 5 years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	1,164	1,667
Interest on lease liabilities		
Guarantees, commitments and risks		
Non-derivative financial liabilities	1,871	2,360
Interest on lease liabilities within 1 year		
Guarantees, commitments and risks		
Non-derivative financial liabilities	295	341
Interest on lease liabilities Later than one year and not later than two years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	252	302
Interest on lease liabilities Later than two years and not later than three years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	219	263
Interest on lease liabilities Later than three years and not later than four years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	192	233
Interest on lease liabilities Later than four years and not later than five years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	165	206
Interest on lease liabilities beyond 5 years		
Guarantees, commitments and risks		
Non-derivative financial liabilities	748	1,015
Guarantees		
Guarantees, commitments and risks		
Non-derivative financial liabilities	1,072	926
Guarantees within 1 year		
Guarantees, commitments and risks		
Non-derivative financial liabilities	€ 1,072	€ 926

Guarantees, commitments and risks - Expected payments for trade and other payables (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Guarantees, commitments and risks		
Trade and other payables	€ 13,141	€ 15,699
within 1 year		
Guarantees, commitments and risks		
Trade and other payables	12,936	15,545
between 2 and 5 years		
Guarantees, commitments and risks		
Trade and other payables	111	54
beyond 5 years		
Guarantees, commitments and risks		
Trade and other payables	94	100
Trade payables		
Guarantees, commitments and risks		
Trade and other payables	8,679	10,480
Trade payables within 1 year		
Guarantees, commitments and risks		
Trade and other payables	8,679	10,480
Other payables and advances		
Guarantees, commitments and risks		
Trade and other payables	4,462	5,219
Other payables and advances within 1 year		
Guarantees, commitments and risks		
Trade and other payables	4,257	5,065
Other payables and advances between 2 and 5 years		
Guarantees, commitments and risks		
Trade and other payables	111	54
Other payables and advances beyond 5 years		
Guarantees, commitments and risks		
Trade and other payables	€ 94	€ 100

Guarantees, commitments and risks - Expected payments under contractual obligations (Details) €in Millions	Dec. 31, 2020 EUR (€)
Guarantees, commitments and risks	
Contractual obligations	€ 117,998
within 1 year	
Guarantees, commitments and risks	
Contractual obligations	8,826
Later than one year and not later than two years	
Guarantees, commitments and risks	
Contractual obligations	8,204
Later than two years and not later than three years	
Guarantees, commitments and risks	
Contractual obligations	7,811
Later than three years and not later than four years	
Guarantees, commitments and risks	
Contractual obligations	8,830
Later than four years and not later than five years	
Guarantees, commitments and risks	
Contractual obligations	9,085
beyond 5 years	
Guarantees, commitments and risks	
Contractual obligations	75,242
Decommissioning liabilities	
Guarantees, commitments and risks	
Contractual obligations	11,973
Decommissioning liabilities within 1 year	
Guarantees, commitments and risks	
Contractual obligations	400
Decommissioning liabilities Later than one year and not later than two years	
Guarantees, commitments and risks	
Contractual obligations	237
Decommissioning liabilities Later than two years and not later than three years	
Guarantees, commitments and risks	
Contractual obligations	202
Decommissioning liabilities Later than three years and not later than four years	
Guarantees, commitments and risks	
Contractual obligations	425
Decommissioning liabilities Later than four years and not later than five years	
Guarantees, commitments and risks	
Contractual obligations	276
Decommissioning liabilities beyond 5 years	
Guarantees, commitments and risks	
Contractual obligations	10,433

Environmental liabilities	
Guarantees, commitments and risks	
Contractual obligations	2,263
Environmental liabilities within 1 year	
Guarantees, commitments and risks	
Contractual obligations	383
Environmental liabilities Later than one year and not later than two years	
Guarantees, commitments and risks	
Contractual obligations	323
Environmental liabilities Later than two years and not later than three years	
Guarantees, commitments and risks	
Contractual obligations	267
Environmental liabilities Later than three years and not later than four years	
Guarantees, commitments and risks	
Contractual obligations	255
Environmental liabilities Later than four years and not later than five years	
Guarantees, commitments and risks	
Contractual obligations	196
Environmental liabilities beyond 5 years	
Guarantees, commitments and risks	
Contractual obligations	839
Purchase obligations	
Guarantees, commitments and risks	
Contractual obligations	103,654
Purchase obligations within 1 year	
Guarantees, commitments and risks	
Contractual obligations	8,041
Purchase obligations Later than one year and not later than two years	
Guarantees, commitments and risks	
Contractual obligations	7,644
Purchase obligations Later than two years and not later than three years	
Guarantees, commitments and risks	
Contractual obligations	7,342
Purchase obligations Later than three years and not later than four years	
Guarantees, commitments and risks	
Contractual obligations	8,150
Purchase obligations Later than four years and not later than five years	
Guarantees, commitments and risks	
Contractual obligations	8,613
Purchase obligations beyond 5 years	
Guarantees, commitments and risks	
Contractual obligations	63,864
Gas take-or-pay contracts	

Guarantees, commitments and risks	
Contractual obligations	99,417
Gas take-or-pay contracts within 1 year	
Guarantees, commitments and risks	
Contractual obligations	6,196
Gas take-or-pay contracts Later than one year and not later than two years	
Guarantees, commitments and risks	
Contractual obligations	6,852
Gas take-or-pay contracts Later than two years and not later than three years	
Guarantees, commitments and risks	
Contractual obligations	6,809
Gas take-or-pay contracts Later than three years and not later than four years	
Guarantees, commitments and risks	
Contractual obligations	7,691
Gas take-or-pay contracts Later than four years and not later than five years	
Guarantees, commitments and risks	
Contractual obligations	8,392
Gas take-or-pay contracts beyond 5 years	
Guarantees, commitments and risks	
Contractual obligations	63,477
Gas ship or pay contracts	
Guarantees, commitments and risks	
Contractual obligations	2,902
Gas ship or pay contracts within 1 year	
Guarantees, commitments and risks	
Contractual obligations	893
Gas ship or pay contracts Later than one year and not later than two years	
Guarantees, commitments and risks	
Contractual obligations	519
Gas ship or pay contracts Later than two years and not later than three years	
Guarantees, commitments and risks	
Contractual obligations	480
Gas ship or pay contracts Later than three years and not later than four years	
Guarantees, commitments and risks	
Contractual obligations	439
Gas ship or pay contracts Later than four years and not later than five years	
Guarantees, commitments and risks	
Contractual obligations	212
Gas ship or pay contracts beyond 5 years	
Guarantees, commitments and risks	
Contractual obligations	359
Other purchase obligations	

Guarantees, commitments and risks	
Contractual obligations	1,335
Other purchase obligations within 1 year	
Guarantees, commitments and risks	
Contractual obligations	952
Other purchase obligations Later than one year and not later than two years	
Guarantees, commitments and risks	
Contractual obligations	273
Other purchase obligations Later than two years and not later than three years	
Guarantees, commitments and risks	
Contractual obligations	53
Other purchase obligations Later than three years and not later than four years	
Guarantees, commitments and risks	
Contractual obligations	20
Other purchase obligations Later than four years and not later than five years	
Guarantees, commitments and risks	
Contractual obligations	9
Other purchase obligations beyond 5 years	
Guarantees, commitments and risks	
Contractual obligations	28
Other obligations	
Guarantees, commitments and risks	
Contractual obligations	108
Other obligations within 1 year	
Guarantees, commitments and risks	
Contractual obligations	2
Other obligations beyond 5 years	
Guarantees, commitments and risks	
Contractual obligations	106
Memorandum of intent Val d'Agri	
Guarantees, commitments and risks	
Contractual obligations	108
Memorandum of intent Val d'Agri within 1 year	
Guarantees, commitments and risks	
Contractual obligations	2
Memorandum of intent Val d'Agri beyond 5 years	
Guarantees, commitments and risks	
Contractual obligations	€ 106

Guarantees, commitments and risks - Capital investment and capital expenditure commitments (Details) €in Millions	Dec. 31, 2020 EUR (€)
Guarantees, commitments and risks	
Committed projects	€ 14,675
within 1 year	
Guarantees, commitments and risks	
Committed projects	4,264
Later than one year and not later than two years	
Guarantees, commitments and risks	
Committed projects	3,983
Later than two years and not later than three years	
Guarantees, commitments and risks	
Committed projects	2,890
Later than three years and not later than four years	
Guarantees, commitments and risks	
Committed projects	2,204
Later than four years	
Guarantees, commitments and risks	
Committed projects	1,334
Not later than four years	
Guarantees, commitments and risks	
Expected capital investment and capital expenditure	€ 26,900

Guarantees, commitments and risks - Other information about financial instruments (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Guarantees, commitments and risks			
Financial assets held for trading	€ 5,502	€ 6,760	
Non-hedging and trading derivatives	(19)	(125)	
Other investments valued at fair value	957	929	€ 919
Trade receivables and other	10,955	12,926	
Financing receivables	1,207	1,503	
Securities	55	55	
Trade payables and other	13,141	15,699	
Financing payables	26,686	24,518	
Net assets (liabilities) for hedging derivatives	(52)	(2)	
Financial assets held for trading, Finance income (expense) recognized in profit and loss account	31	127	
Non-hedging and trading derivatives, Finance income (expense) recognized in profit and loss account	(415)	273	
Other investments valued at fair value, Finance income (expense) recognized in profit and loss account	150	247	
Other investments valued at fair value, Finance income (expense) recognized in other comprehensive income	24	(3)	
Trade receivables and other, Finance income (expense) recognized in profit and loss account	(213)	(409)	
Financing receivables, Finance income (expense) recognized in profit and loss account	99	110	
Trade payables and other, Finance income (expense) recognized in profit and loss account	(31)	33	
Financing payables, Finance income (expense) recognized in profit and loss account	(632)	(802)	
Net assets (liabilities) for hedging derivatives, Finance income (expense) recognized in profit and loss account	(941)	(739)	
Net assets (liabilities) for hedging derivatives, Finance income (expense) recognized in other comprehensive income	661	(679)	
Other operating income (loss)			
Guarantees, commitments and risks			
Non-hedging and trading derivatives, Finance income (expense) recognized in profit and loss account	(766)	287	
Financial income (expense)			
Guarantees, commitments and risks			
Non-hedging and trading derivatives, Finance income (expense) recognized in profit and loss account	351	(14)	
Trade receivables and other, Finance income (expense) recognized in profit and loss account	13	23	
Financing receivables, Finance income (expense) recognized in profit and loss account	92	99	
Interest income calculated on the basis of the effective interest rate			
Guarantees, commitments and risks			
Trade receivables and other, Finance income (expense) recognized in profit and loss account	22	26	

Interest expense calculated on the basis of the effective interest rate			
Guarantees, commitments and risks			
Financing payables, Finance income (expense) recognized in profit and loss account	(531)	(647)	
Net (impairment losses) reversal of trade and other receivables			
Guarantees, commitments and risks			
Trade receivables and other, Finance income (expense) recognized in profit and loss account	(226)	(432)	
Net revaluations or impairments			
Guarantees, commitments and risks			
Financing receivables, Finance income (expense) recognized in profit and loss account	€ (1)	€ 4	

Guarantees, commitments and risks - Offsetting of financial instruments (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Trade and other payables		
Guarantees, commitments and risks		
Gross amount of financial liabilities	€ 13,691	€ 16,445
Gross amount of financial assets subject to offsetting	755	900
Net amount of financial liabilities	12,936	15,545
Other current liabilities		
Guarantees, commitments and risks		
Gross amount of financial liabilities	5,905	7,758
Gross amount of financial assets subject to offsetting	1,033	612
Net amount of financial liabilities	4,872	7,146
Trade and other receivables		
Guarantees, commitments and risks		
Gross amount of financial assets	11,681	13,773
Gross amount of financial liabilities subject to offsetting	755	900
Net amount of financial assets	10,926	12,873
Other current assets		
Guarantees, commitments and risks		
Gross amount of financial assets	3,719	4,584
Gross amount of financial liabilities subject to offsetting	1,033	612
Net amount of financial assets	€ 2,686	€ 3,972

Guarantees, commitments and risks - Additional information (Details) t in Thousands	1 Months Ended				12 Months Ended							
	Oct. 31, 2020 EUR (€) instrument	Apr. 30, 2020 USD (\$)	Jul. 31, 2009 EUR (€)	Jul. 31, 2008 EUR (€)	Dec. 31, 2020 EUR (€) t instrument	Dec. 31, 2018 t	Mar. 15, 2021 EUR (€)	Mar. 10, 2021 EUR (€)	Dec. 31, 2020 USD (\$)	Dec. 31, 2020 EUR (€)	Dec. 31, 2019 EUR (€)	Dec. E
Guarantees, commitments and risks												
Guarantees										€ 8,884,000,000	€ 8,862,000,000	
Capital commitments										14,675,000,000		
Investment agreed										108,000,000	114,000,000	
Risks										600,000,000	676,000,000	
Period over which the management deems the liquidity reserves retained are enough to meet the financial obligations					18 months							
Lease liabilities										5,018,000,000	5,648,000,000	
Quantity of total emission of carbon dioxide t					17,320							
Quantity of free emission allowance of carbon dioxide t					6,840	6,840						
Deficit quantity of emission allowance of carbon dioxide t					10,480							
Perpetual subordinated bonds												
Guarantees, commitments and risks												
Notional amount	€ 3,000,000,000									€ 3,000,000		
Number of euro-denominated perpetual subordinated hybrid bonds issued instrument	2				2							
Equity credit assigned (as a percent)	50.00%											
Evolvere												
Guarantees, commitments and risks												
Equity interest acquired (as a percent)									70.00%	70.00%		
Project relating to Dogger Bank (A and B) wind facility												
Guarantees, commitments and risks												
Capital commitments										€ 451,000,000		
Equity interest acquired (as a percent)									20.00%	20.00%		
Finproject SpA												
Guarantees, commitments and risks												
Capital commitments										€ 150,000,000		
Equity interest acquired (as a percent)									60.00%	60.00%		
Alleged illegal handling of waste material Outcome of preliminary hearings												
Guarantees, commitments and risks												
Fine payable								€ 700,000				
Contextual confiscation amount								€ 44,248,071				
Environmental claim relating to Municipality of Cengio												
Guarantees, commitments and risks												
Claim amount										€ 250,000,000		
Block OPL 245 Nigeria												
Guarantees, commitments and risks												
Claim amount \$									\$ 1,092,000,000			
Estimated fair value of the asset \$									\$ 3,500,000,000			
Interest in assets (as a percent)					50.00%							
Congo proceedings												
Guarantees, commitments and risks												
Sanction agreed							€ 11,800,000					

Long term supply commitments												€9.
Supply commitments compensation recognized					324,000,000							
Claim for regasification fees										757,000,000		
Partners of unincorporated joint ventures												
Guarantees, commitments and risks												
Lease liabilities										2,429,000,000	2,953,000,000	
ENI SpA Euro Medium Term Notes												
Guarantees, commitments and risks												
Notional amount										13,900,000,000		
Bonds issued					€3,000,000,000							
Coral FLNG SA Third parties												
Guarantees, commitments and risks												
Maximum financial guarantee given by the company										1,223,000,000		
Percentage of obligation covered by guarantee					100.00%							
Consolidated subsidiaries												
Guarantees, commitments and risks												
Guarantees										4,758,000,000	4,323,000,000	
Guarantee for bid bonds and performance bonds										3,209,000,000	2,886,000,000	
Underlying commitment										4,520,000,000	4,013,000,000	
Investments in unconsolidated entities controlled by Eni												
Guarantees, commitments and risks												
Guarantees										176,000,000	197,000,000	
Joint ventures and associates												
Guarantees, commitments and risks												
Guarantees										3,800,000,000	4,075,000,000	
Guarantee for bid bonds and performance bonds										1,544,000,000	1,661,000,000	
Underlying commitment										1,898,000,000	2,109,000,000	
Joint ventures and associates Unsecured and other guarantees												
Guarantees, commitments and risks												
Bank guarantee										1,533,000,000	1,676,000,000	
Joint ventures and associates Rete Ferroviaria Italiana SpA												
Guarantees, commitments and risks												
Guarantees										499,000,000	499,000,000	
Joint ventures and associates Gulf LNG Energy and Gulf LNG Pipeline												
Guarantees, commitments and risks												
Guarantees										165,000,000	181,000,000	
Joint ventures and associates Coral FLNG SA												
Guarantees, commitments and risks												
Guarantee for bid bonds and performance bonds										1,079,000,000	1,168,000,000	
Joint ventures and associates Coral FLNG SA Unsecured and other guarantees												
Guarantees, commitments and risks												
Bank guarantee										1,304,000,000	1,425,000,000	
Others												
Guarantees, commitments and risks												
Guarantees										150,000,000	267,000,000	

Underlying commitment										87,000,000	80,000,000	
Others State oil Company of Mozambique ENH												
Guarantees, commitments and risks												
Guarantees										€ 145,000,000	€ 158,000,000	

Revenues and other income (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Products sales and service revenues			
Sales of crude oil	€ 10,993	€ 20,866	€ 22,453
Sales of oil products	12,369	20,804	22,399
Sales of natural gas and LNG	11,266	17,922	19,642
Sales of petrochemical products	3,296	4,110	5,574
Sales of other products	2,515	2,593	2,421
Services	3,548	3,586	3,333
Sales from operations	43,987	69,881	75,822
Goods/Services transferred in a specific moment			
Products sales and service revenues			
Sales from operations	42,987	68,848	75,296
Goods/Services transferred over a period of time			
Products sales and service revenues			
Sales from operations	1,000	1,033	526
Exploration & Production			
Products sales and service revenues			
Sales of crude oil	1,969	3,505	3,982
Sales of oil products	517	1,189	1,133
Sales of natural gas and LNG	3,505	5,454	4,554
Sales of other products	113	68	27
Services	255	283	247
Sales from operations	6,359	10,499	9,943
Exploration & Production Goods/Services transferred in a specific moment			
Products sales and service revenues			
Sales from operations	5,896	9,946	9,676
Exploration & Production Goods/Services transferred over a period of time			
Products sales and service revenues			
Sales from operations	463	553	267
Global Gas & LNG Portfolio			
Products sales and service revenues			
Sales of natural gas and LNG	5,000	8,881	11,575
Sales of other products	(2)		1
Services	364	349	355
Sales from operations	5,362	9,230	11,931
Global Gas & LNG Portfolio Goods/Services transferred in a specific moment			
Products sales and service revenues			
Sales from operations	5,239	9,117	11,801
Global Gas & LNG Portfolio Goods/Services transferred over a period of time			
Products sales and service revenues			
Sales from operations	123	113	130
Refining & Marketing and Chemical			
Products sales and service revenues			

Sales of crude oil	9,024	17,361	18,471
Sales of oil products	11,852	19,615	21,266
Sales of natural gas and LNG	20	214	166
Sales of petrochemical products	3,277	4,088	5,539
Sales of other products	36	16	20
Services	728	682	626
Sales from operations	24,937	41,976	46,088
Refining & Marketing and Chemical Goods/Services transferred in a specific moment			
Products sales and service revenues			
Sales from operations	24,639	41,727	46,029
Refining & Marketing and Chemical Goods/Services transferred over a period of time			
Products sales and service revenues			
Sales from operations	298	249	59
Eni gas e luce, Power & Renewables			
Products sales and service revenues			
Sales of natural gas and LNG	2,741	3,373	3,347
Sales of other products	2,366	2,503	2,362
Services	2,028	2,096	1,975
Sales from operations	7,135	7,972	7,684
Eni gas e luce, Power & Renewables Goods/Services transferred in a specific moment			
Products sales and service revenues			
Sales from operations	7,135	7,972	7,684
Corporate and Other activities			
Products sales and service revenues			
Sales of petrochemical products	19	22	35
Sales of other products	2	6	11
Services	173	176	130
Sales from operations	194	204	176
Corporate and Other activities Goods/Services transferred in a specific moment			
Products sales and service revenues			
Sales from operations	78	86	106
Corporate and Other activities Goods/Services transferred over a period of time			
Products sales and service revenues			
Sales from operations	€ 116	€ 118	€ 70

Revenues and other income - Associated with liabilities and performance obligations (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Revenues and other income			
Revenues associated with contract liabilities at the beginning of the period	€ 818	€ 747	€ 342
Revenues associated with performance obligations totally or partially satisfied in previous years		€ 10	€ 11

Revenues and other income - Other income and revenues (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Revenues and other income			
Gains from sale of assets and businesses	€ 10	€ 152	€ 454
Other proceeds	950	1,008	662
Other revenue	€ 960	€ 1,160	€ 1,116

Revenues and other income - Additional information (Details) - EUR (€) €in Millions	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Revenues and other income		
Recovery of cost share of right-of-use assets pertaining to partners of unincorporated joint operations	€ 357	€ 368

Costs (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Costs			
Production costs - raw, ancillary and consumable materials and goods	€21,432	€36,272	€41,125
Production costs - services	9,710	11,589	10,625
Lease expense and other	876	1,478	1,820
Net provisions for contingencies	349	858	1,120
Other expenses	1,317	879	1,130
Purchase, services and other charges gross	33,684	51,076	55,820
capitalized direct costs associated with self-constructed assets - tangible assets	(128)	(197)	(192)
capitalized direct costs associated with self-constructed assets - intangible assets	(5)	(5)	(6)
Purchases, services and other	€33,551	€50,874	€55,622

Costs - Payroll and related costs (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Costs			
Wages and salaries	€2,193	€2,417	€2,409
Social security contributions	458	449	448
Cost related to employee benefit plans	102	85	220
Other costs	239	213	170
Payroll and related costs gross	2,992	3,164	3,247
Capitalized direct costs associated with self-constructed assets - tangible assets	(118)	(152)	(142)
Capitalized direct costs associated with self-constructed assets - intangible assets	(11)	(16)	(12)
Payroll and related costs	€2,863	€2,996	€3,093

Costs - Average number of employees (Details) - employee	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Subsidiaries			
Costs			
Average number of employees	31,048	31,136	31,573
Subsidiaries Senior Managers			
Costs			
Average number of employees	993	1,014	999
Subsidiaries Junior Managers			
Costs			
Average number of employees	9,280	9,267	9,095
Subsidiaries Employees			
Costs			
Average number of employees	15,995	15,945	16,220
Subsidiaries Workers			
Costs			
Average number of employees	4,780	4,910	5,259
Joint operations			
Costs			
Average number of employees	726	741	745
Joint operations Senior Managers			
Costs			
Average number of employees	17	16	17
Joint operations Junior Managers			
Costs			
Average number of employees	73	77	84
Joint operations Employees			
Costs			
Average number of employees	349	361	361
Joint operations Workers			
Costs			
Average number of employees	287	287	283

Costs - Compensation of key management personnel (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Costs			
Wages and salaries	€ 30	€ 28	€ 27
Post-employment benefits	2	2	2
Other long-term benefits	12	12	10
Indemnities upon termination of employment	21	12	
Key management personnel compensation	€ 65	€ 54	€ 39

Costs - Additional information (Details) €/ shares in Units, €in Thousands, shares in Millions	12 Months Ended				
	Dec. 31, 2020 EUR (€) EquityInstruments item €/ shares	Dec. 31, 2019 EUR (€) EquityInstruments €/ shares	Dec. 31, 2018 EUR (€) €/ shares	May 13, 2020 objector shares	Apr. 13, 2017 shares
Costs					
Geological and geophysical costs of exploration activities	€ 196,000	€ 275,000	€ 287,000		
Operating leases			872,000		
Research and development costs	157,000	194,000	197,000		
Royalty expense	673,000	1,183,000	1,043,000		
Net additions for contingencies	349,000	858,000	1,120,000		
Provisions for redundancy incentives expense	105,000	45,000	37,000		
Defined contribution plans expense	€ 96,000	€ 99,000	€ 95,000		
Number of annual awards item	3				
Vesting period	3 years				
Lock-up clause percentage	50.00%				
Lock-up clause term	1 year				
Number of other equity instruments granted in share-based payment arrangement	2,922,749	1,759,273	1,517,975.00		
Weighted average fair value of awarded shares €/ shares	€ 4.67	€ 9.88	€ 11.73		
Weighted average share price at grant date €/ shares		€ 13.714	€ 14.246		
Expected dividend as percentage		6.10%	5.80%		
Expected volatility		19.00%	20.00%		
Expense from share-based payment transactions with employees	€ 7,000	€ 9,000	€ 5,000		
Directors' remuneration expense	7,540	9,200	9,600		
Statutory auditors remuneration expense	€ 571	613	604		
Minimum					
Costs					
Percentage of shares that will vest after vesting period	0.00%				
Weighted average share price at grant date €/ shares	€ 5.885				
Expected dividend as percentage	7.00%				
Expected volatility	41.00%				
Maximum					
Costs					
Percentage of shares that will vest after vesting period	180.00%				
Weighted average share price at grant date €/ shares	€ 8.303				
Expected dividend as percentage	10.00%				
Expected volatility	44.00%				
Long-Term Monetary Incentive Plan 2017 - 2019					
Costs					
Percentage of shares that will be granted depending on market condition in terms of TSR					50.00%
Percentage of shares that will be granted depending on the growth in the Net Present Value (NPV) of proved reserves benchmarked against the Peer Group					50.00%
Long-Term Monetary Incentive Plan 2017 - 2019 Maximum					
Costs					

Limit of shares to be granted in share-based payment arrangement shares					11
Long-Term Monetary Incentive Plan 2020 - 2022					
Costs					
Percentage of shares that will be granted depending on market condition in terms of TSR				25.00%	
Percentage of shares that will be granted depending on a relative parameter represented by an industrial objective				20.00%	
Percentage of shares that will be granted depending on an absolute parameter represented by an economic-financial objective				20.00%	
Percentage of shares that will be granted depending on environmental sustainability and energy transition objective				35.00%	
Number of absolute objectives considered for determination of shares that will be granted depending on environmental sustainability and energy transition objective objector				3	
Percentage of shares that will be granted depending on decarbonisation objective				15.00%	
Percentage of shares that will be granted depending on energy transition objective				10.00%	
Percentage of shares that will be granted depending on circular economy objective				10.00%	
Number of important projects considered for determination of shares that will be granted depending on environmental sustainability and energy transition objective				3	
Long-Term Monetary Incentive Plan 2020 - 2022 Maximum					
Costs					
Limit of shares to be granted in share-based payment arrangement shares				20	
Provisions for litigations					
Costs					
Net additions for contingencies	€ 76,000	60,000	101,000		
Environmental liabilities					
Costs					
Net additions for contingencies	€ (15,000)	€ 329,000	€ 266,000		

Finance income (expense) (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Finance income (expense)			
Finance income	€ 3,531	€ 3,087	€ 3,967
Finance expense	(4,958)	(4,079)	(4,663)
Net finance income (expense) from financial assets held for trading	31	127	32
Income (expense) from derivative financial instruments	351	(14)	(307)
Finance income (expense)	€ (1,045)	€ (879)	€ (971)

Finance income (expense) - Analysis of finance income (expense) (Details) - EUR (€) € in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Finance income (expense) related to net borrowings			
Interest and other finance expense on ordinary bonds	€ (517)	€ (618)	€ (565)
Net finance income (expense) from financial assets held for trading	31	127	32
Interest and other expense due to banks and other financial institutions	(102)	(122)	(120)
Interests on lease liabilities	(347)	(378)	
Interest from banks	10	21	18
Interest and other income on financial receivables and securities held for non-operating purposes	12	8	8
Finance income (expense) related to net borrowings	(913)	(962)	(627)
Exchange differences	(460)	250	341
Income (expense) from derivative financial instruments	351	(14)	(307)
Other finance income (expense)			
Interest and other income on financing receivables and securities held for operating purposes	97	112	132
Capitalized finance expense	73	93	52
Finance expense due to the passage of time (accretion discount)	(190)	(255)	(249)
Other finance (expense)	(3)	(103)	(313)
Other finance income (cost)	(23)	(153)	(378)
Finance income (expense)	€ (1,045)	€ (879)	€ (971)

Income (expense) from investments (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Income (expense) from investments			
Dividends	€ 150	€ 247	€ 231
Net gain (loss) on disposals		19	22
Other net income (expense)	(75)	15	910
Other gain (loss) from investments	€ 75	€ 281	€ 1,163

Income (expense) from investments - Additional information (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Other gain (loss) from investments			
Dividend income	€ 150	€ 247	€ 231
Other net income	(75)	15	910
Eni Norge AS			
Other gain (loss) from investments			
Other net income			889
Nigeria LNG Ltd			
Other gain (loss) from investments			
Dividend income	113	186	187
Saudi European Petrochemical Co			
Other gain (loss) from investments			
Dividend income	€ 28	€ 46	€ 35

Income taxes (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Current taxes:			
Current taxes	€ 1,800	€ 5,228	€ 5,370
Net deferred taxes:			
Net deferred taxes	850	363	600
Income tax expense	2,650	5,591	5,970
Italy			
Current taxes:			
Current taxes	199	347	301
Net deferred taxes:			
Net deferred taxes	672	599	130
Foreign current income tax expense	169		
Exploration & Production Foreign (outside Italy)			
Current taxes:			
Current taxes	1,517	4,729	4,906
Net deferred taxes:			
Net deferred taxes	73	(172)	497
Other segments Foreign (outside Italy)			
Current taxes:			
Current taxes	84	152	163
Net deferred taxes:			
Net deferred taxes	€ 105	€ (64)	€ (27)

Income taxes - Reconciliation between statutory tax and effective tax charge (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Income Taxes			
Profit (loss) before taxation	€(5,978)	€5,746	€10,107
Tax rate (IRES) (%)	24.00%	24.00%	24.00%
Statutory corporation tax charge (credit) on profit or loss	€(1,435)	€1,379	€2,426
Increase (decrease) resulting from:			
- higher tax charges related to subsidiaries outside Italy	1,980	2,934	3,096
- impact pursuant to the write-down of deferred tax assets and recalculation of tax rates	1,785	938	261
- impact pursuant to foreign tax effects of italian entities	108	105	46
- Italian regional income tax (IRAP)	107	25	50
- effect due to the tax regime provided for intercompany dividends	96	65	47
- tax effects related to previous years	(30)	147	(24)
- other adjustments	39	(2)	68
Net tax effect	4,085	4,212	3,544
Income tax expense	2,650	5,591	5,970
Exploration & Production			
Increase (decrease) resulting from:			
- higher tax charges related to subsidiaries outside Italy	€1,777	€2,934	€3,014

Earnings (loss) per share (Details) - EUR (€) €/ shares in Units, €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Earnings (loss) per share			
Weighted average number of shares used for basic earnings (loss) per share	3,572,549,651	3,592,249,603	3,601,140,133
Potential shares to be issued for ILT incentive plan	6,465,718	2,251,406	2,782,584
Weighted average number of shares used for diluted earnings (loss) per share	3,579,015,369	3,594,501,009	3,603,922,717
Eni's net profit (loss)	€ (8,635)	€ 148	€ 4,126
Basic earnings (loss) per share	€ (2.42)	€ 0.04	€ 1.15
Diluted earnings (loss) per share	€ (2.42)	€ 0.04	€ 1.15

Exploration for evaluation of oil&gas resources (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Exploration for evaluation of oil&gas resources			
Revenues related to exploration activity and evaluation		€ 34	€ 17
- write-off of exploration and evaluation costs	€ 314	214	93
- costs of geological and geophysical studies	196	275	287
Exploration expense for the year	510	489	380
Intangible assets: proved and unproved exploration licence and leasehold property acquisition costs	888	1,031	1,081
Tangible assets: capitalized exploration and evaluation costs	1,341	1,563	1,267
Total tangible and intangible assets	2,229	2,594	2,348
Provision for decommissioning related to exploration activity and evaluation	93	109	77
Exploration expenditure (net cash used in investing activities)	283	586	463
Geological and geophysical costs (cash flow from operating activities)	196	275	287
Total exploration effort	€ 479	€ 861	€ 750

Segment information and information by geographical area - Restated for homogeneous comparison (Details) €in Millions	12 Months Ended		
	Dec. 31, 2020 EUR (€ item	Dec. 31, 2019 EUR (€	Dec. 31, 2018 EUR (€
Reportable segments			
Number of new general departments item	2		
Sales from operations	€43,987	€69,881	€75,822
Operating profit	(3,275)	6,432	9,983
Assets	109,648	123,440	
Liabilities	72,155	75,540	
Previously stated			
Reportable segments			
Sales from operations		69,881	75,822
Operating profit		6,432	9,983
Allocated amounts			
Reportable segments			
Assets	79,604	91,795	85,483
Liabilities	32,405	36,401	34,540
Allocated amounts Previously stated			
Reportable segments			
Assets		91,795	85,483
Liabilities		36,401	34,540
Elimination of intersegment amounts			
Reportable segments			
Operating profit	33	(120)	211
Assets	(402)	(492)	(420)
Liabilities	(83)	(141)	(275)
Elimination of intersegment amounts Previously stated			
Reportable segments			
Operating profit		(120)	211
Assets		(492)	(420)
Liabilities		(141)	(275)
Exploration & Production			
Reportable segments			
Sales from operations	6,359	10,499	9,943
Exploration & Production Previously stated			
Reportable segments			
Sales from operations		10,499	9,943
Exploration & Production Operating segments			
Reportable segments			
Sales from operations	13,590	23,572	25,744
Operating profit	(610)	7,417	10,214
Assets	59,439	68,915	63,051
Liabilities	17,501	20,164	18,110
Exploration & Production Operating segments Previously stated			
Reportable segments			

Sales from operations		23,572	25,744
Operating profit		7,417	10,214
Assets		68,915	63,051
Liabilities		20,164	18,110
Exploration & Production Elimination of intersegment amounts			
Reportable segments			
Sales from operations	(7,231)	(13,073)	(15,801)
Exploration & Production Elimination of intersegment amounts Previously stated			
Reportable segments			
Sales from operations		(13,073)	(15,801)
Gas & Power Previously stated			
Reportable segments			
Sales from operations		38,160	43,109
Gas & Power Operating segments Previously stated			
Reportable segments			
Sales from operations		50,015	55,690
Operating profit		699	629
Assets		9,176	9,989
Liabilities		7,852	8,314
Gas & Power Elimination of intersegment amounts Previously stated			
Reportable segments			
Sales from operations		(11,855)	(12,581)
Global Gas & LNG Portfolio			
Reportable segments			
Sales from operations	5,362	9,230	11,931
Global Gas & LNG Portfolio Operating segments			
Reportable segments			
Sales from operations	7,051	11,779	14,807
Operating profit	(332)	431	387
Assets	4,020	4,092	4,642
Liabilities	3,785	3,836	4,089
Global Gas & LNG Portfolio Elimination of intersegment amounts			
Reportable segments			
Sales from operations	(1,689)	(2,549)	(2,876)
Refining & Marketing and Chemical			
Reportable segments			
Sales from operations	24,937	41,976	46,088
Refining & Marketing and Chemical Previously stated			
Reportable segments			
Sales from operations		21,017	22,594
Refining & Marketing and Chemical Operating segments			
Reportable segments			
Sales from operations	25,340	42,360	46,483
Operating profit	(2,463)	(682)	(501)
Assets	10,716	13,569	13,099

Liabilities	5,460	6,272	6,201
Refining & Marketing and Chemical Operating segments Previously stated			
Reportable segments			
Sales from operations		23,334	25,216
Operating profit		(854)	(380)
Assets		12,336	11,692
Liabilities		4,599	4,319
Refining & Marketing and Chemical Elimination of intersegment amounts			
Reportable segments			
Sales from operations	(403)	(384)	(395)
Refining & Marketing and Chemical Elimination of intersegment amounts Previously stated			
Reportable segments			
Sales from operations		(2,317)	(2,622)
Eni gas e luce, Power & Renewables			
Reportable segments			
Sales from operations	7,135	7,972	7,684
Eni gas e luce, Power & Renewables Operating segments			
Reportable segments			
Sales from operations	7,536	8,448	8,218
Operating profit	660	74	340
Assets	4,387	4,068	4,008
Liabilities	2,426	2,380	2,364
Eni gas e luce, Power & Renewables Elimination of intersegment amounts			
Reportable segments			
Sales from operations	(401)	(476)	(534)
Corporate and Other activities			
Reportable segments			
Sales from operations	194	204	176
Corporate and Other activities Previously stated			
Reportable segments			
Sales from operations		205	176
Corporate and Other activities Operating segments			
Reportable segments			
Sales from operations	1,559	1,676	1,588
Operating profit	(563)	(688)	(668)
Assets	1,444	1,643	1,103
Liabilities	3,316	3,890	4,051
Corporate and Other activities Operating segments Previously stated			
Reportable segments			
Sales from operations		1,681	1,589
Operating profit		(710)	(691)
Assets		1,860	1,171
Liabilities		3,927	4,072
Corporate and Other activities Elimination of			

Intersegment amounts			
Reportable segments			
Sales from operations	€(1,365)	(1,472)	(1,412)
Corporate and Other activities Elimination of intersegment amounts Previously stated			
Reportable segments			
Sales from operations		€(1,476)	€(1,413)

Segment information and information by geographical area (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Reportable segments			
Sales from operations	€ 43,987	€ 69,881	€ 75,822
Operating profit	(3,275)	6,432	9,983
Net provisions for contingencies	349	858	1,120
Depreciation and amortization	(7,304)	(8,106)	(6,988)
Impairments of tangible and intangible assets and right-of-use assets	(3,855)	(2,570)	(1,292)
Reversals of tangible and intangible assets	672	382	426
Write-off of tangible and intangible assets	(329)	(300)	(100)
Share of profit (loss) from equity-accounted investments	(1,733)	(88)	(68)
Assets	109,648	123,440	
Equity-accounted investments	6,749	9,035	7,044
Liabilities	72,155	75,540	
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	4,644	8,376	9,119
Allocated amounts			
Reportable segments			
Assets	79,604	91,795	85,483
Liabilities	32,405	36,401	34,540
Elimination of intersegment amounts			
Reportable segments			
Operating profit	33	(120)	211
Net provisions for contingencies	45	(51)	(21)
Depreciation and amortization	32	32	30
Assets	(402)	(492)	(420)
Liabilities	(83)	(141)	(275)
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	(10)	(14)	(17)
Unallocated amounts			
Reportable segments			
Assets	30,044	31,645	32,890
Liabilities	39,750	39,139	32,760
Exploration & Production			
Reportable segments			
Sales from operations	6,359	10,499	9,943
Exploration & Production Operating segments			
Reportable segments			
Sales from operations	13,590	23,572	25,744
Operating profit	(610)	7,417	10,214
Net provisions for contingencies	98	97	235
Depreciation and amortization	(6,273)	(7,060)	(6,152)
Impairments of tangible and intangible assets and right-of-use assets	(2,170)	(1,347)	(1,025)
Reversals of tangible and intangible assets	282	130	299
Write-off of tangible and intangible assets	(322)	(292)	(97)

Share of profit (loss) from equity-accounted investments	(980)	7	158
Assets	59,439	68,915	63,051
Equity-accounted investments	2,680	4,108	4,972
Liabilities	17,501	20,164	18,110
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	3,472	6,996	7,901
Exploration & Production Elimination of intersegment amounts			
Reportable segments			
Sales from operations	(7,231)	(13,073)	(15,801)
Global Gas & LNG Portfolio			
Reportable segments			
Sales from operations	5,362	9,230	11,931
Global Gas & LNG Portfolio Operating segments			
Reportable segments			
Sales from operations	7,051	11,779	14,807
Operating profit	(332)	431	387
Net provisions for contingencies	64	234	53
Depreciation and amortization	(125)	(124)	(226)
Impairments of tangible and intangible assets and right-of-use assets	(2)		(6)
Reversals of tangible and intangible assets		5	79
Write-off of tangible and intangible assets			(1)
Share of profit (loss) from equity-accounted investments	(15)	(21)	(2)
Assets	4,020	4,092	4,642
Equity-accounted investments	259	346	355
Liabilities	3,785	3,836	4,089
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	11	15	26
Global Gas & LNG Portfolio Elimination of intersegment amounts			
Reportable segments			
Sales from operations	(1,689)	(2,549)	(2,876)
Refining & Marketing and Chemical			
Reportable segments			
Sales from operations	24,937	41,976	46,088
Refining & Marketing and Chemical Operating segments			
Reportable segments			
Sales from operations	25,340	42,360	46,483
Operating profit	(2,463)	(682)	(501)
Net provisions for contingencies	118	276	274
Depreciation and amortization	(575)	(620)	(399)
Impairments of tangible and intangible assets and right-of-use assets	(1,605)	(1,127)	(193)
Reversals of tangible and intangible assets	334	205	
Write-off of tangible and intangible assets		(6)	(2)
Share of profit (loss) from equity-accounted investments	(363)	(63)	(67)
Assets	10,716	13,569	13,099
Equity-accounted investments	2,605	3,107	275

Liabilities	5,460	6,272	6,201
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	771	933	877
Refining & Marketing and Chemical Elimination of intersegment amounts			
Reportable segments			
Sales from operations	(403)	(384)	(395)
Eni gas e luce, Power & Renewables			
Reportable segments			
Sales from operations	7,135	7,972	7,684
Eni gas e luce, Power & Renewables Operating segments			
Reportable segments			
Sales from operations	7,536	8,448	8,218
Operating profit	660	74	340
Net provisions for contingencies	(2)	(5)	
Depreciation and amortization	(217)	(190)	(182)
Impairments of tangible and intangible assets and right-of-use assets	(56)	(83)	(50)
Reversals of tangible and intangible assets	55	41	48
Write-off of tangible and intangible assets	(7)	(1)	
Share of profit (loss) from equity-accounted investments	6	10	11
Assets	4,387	4,068	4,008
Equity-accounted investments	217	141	139
Liabilities	2,426	2,380	2,364
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	293	357	238
Eni gas e luce, Power & Renewables Elimination of intersegment amounts			
Reportable segments			
Sales from operations	(401)	(476)	(534)
Corporate and Other activities			
Reportable segments			
Sales from operations	194	204	176
Corporate and Other activities Operating segments			
Reportable segments			
Sales from operations	1,559	1,676	1,588
Operating profit	(563)	(688)	(668)
Net provisions for contingencies	26	307	579
Depreciation and amortization	(146)	(144)	(59)
Impairments of tangible and intangible assets and right-of-use assets	(22)	(13)	(18)
Reversals of tangible and intangible assets	1	1	
Write-off of tangible and intangible assets		(1)	
Share of profit (loss) from equity-accounted investments	(381)	(21)	(168)
Assets	1,444	1,643	1,103
Equity-accounted investments	988	1,333	1,303
Liabilities	3,316	3,890	4,051
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	107	89	94
Corporate and Other activities Elimination of			

intersegment amounts			
Reportable segments			
Sales from operations	€ (1,365)	€ (1,472)	€ (1,412)

Segment information and information by geographical area - Identifiable assets and investments (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Geographical areas			
Assets	€ 109,648	€ 123,440	
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	4,644	8,376	€ 9,119
Italy			
Geographical areas			
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	1,198	1,402	1,424
Other European Union			
Geographical areas			
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	152	306	267
Rest of Europe			
Geographical areas			
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	119	9	538
Americas			
Geographical areas			
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	441	1,017	534
Asia			
Geographical areas			
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	1,267	1,685	1,782
Africa			
Geographical areas			
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	1,443	3,902	4,533
Other areas			
Geographical areas			
Capital expenditure in tangible and intangible assets and prepaid right-of-use assets	24	55	41
Allocated amounts			
Geographical areas			
Assets	79,604	91,795	85,483
Allocated amounts Italy			
Geographical areas			
Assets	17,228	19,346	18,646
Allocated amounts Other European Union			
Geographical areas			
Assets	4,159	7,237	7,086
Allocated amounts Rest of Europe			
Geographical areas			
Assets	3,174	1,151	1,031
Allocated amounts Americas			

Geographical areas			
Assets	4,485	5,230	4,546
Allocated amounts Asia			
Geographical areas			
Assets	16,360	17,898	16,910
Allocated amounts Africa			
Geographical areas			
Assets	33,341	40,021	36,155
Allocated amounts Other areas			
Geographical areas			
Assets	€ 857	€ 912	€ 1,109

Segment information and information by geographical area - Revenue (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Geographical areas			
Sales from operations	€ 43,987	€ 69,881	€ 75,822
Italy			
Geographical areas			
Sales from operations	14,717	23,312	25,279
Other European Union			
Geographical areas			
Sales from operations	9,508	18,567	20,408
Revenues relating to United Kingdom included in other geographical areas		6,856	6,286
Rest of Europe			
Geographical areas			
Sales from operations	8,191	6,931	7,052
Revenues relating to United Kingdom included in other geographical areas	4,410		
Americas			
Geographical areas			
Sales from operations	2,426	3,842	5,051
Asia			
Geographical areas			
Sales from operations	4,182	8,102	9,585
Africa			
Geographical areas			
Sales from operations	4,842	8,998	8,246
Other areas			
Geographical areas			
Sales from operations	€ 121	€ 129	€ 201

Transactions with related parties (Details) - Transactions and balances - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Transactions With Related Parties			
Receivables and other assets	€ 1,021	€ 1,104	€ 864
Payables and other liabilities	2,575	2,841	3,750
Guarantees	2,443	2,596	2,588
Revenues	1,199	1,252	1,391
Costs	6,637	9,173	8,005
Other operating (expense) income	13	19	319
Individual amount limit to be included in other related parties	50	50	50
Joint ventures and associates and investments in unconsolidated entities controlled by Eni			
Transactions With Related Parties			
Receivables and other assets	533	485	329
Payables and other liabilities	1,818	2,009	2,872
Guarantees	2,443	2,596	2,588
Revenues	321	305	353
Costs	3,448	5,466	4,526
Other operating (expense) income	(121)	(1)	11
Joint ventures and associates			
Transactions With Related Parties			
Receivables and other assets	416	379	236
Payables and other liabilities	1,794	1,983	2,848
Guarantees	2,267	2,399	2,392
Revenues	306	285	335
Costs	3,439	5,448	4,513
Other operating (expense) income	(121)	(1)	11
Agiba Petroleum Co			
Transactions With Related Parties			
Receivables and other assets	6	3	1
Payables and other liabilities	52	71	96
Costs	201	229	156
Angola LNG Supply Services Llc			
Transactions With Related Parties			
Guarantees	165	181	177
Coral FLNG SA			
Transactions With Related Parties			
Receivables and other assets	6	15	14
Guarantees	1,079	1,168	1,147
Revenues	49	71	62
Gas Distribution Company of Thessaloniki Thessaly SA			
Transactions With Related Parties			
Receivables and other assets			1
Payables and other liabilities	13	13	18
Costs	52	53	51
Saipem Group			

Transactions With Related Parties			
Receivables and other assets	87	75	75
Payables and other liabilities	254	227	171
Guarantees	509	510	793
Revenues	18	27	30
Costs	350	503	420
Karachaganak Petroleum Operating BV			
Transactions With Related Parties			
Receivables and other assets	25	33	27
Payables and other liabilities	141	198	134
Revenues		1	1
Costs	816	1,134	998
Mellitah Oil & Gas BV			
Transactions With Related Parties			
Receivables and other assets	54	57	1
Payables and other liabilities	250	171	268
Revenues	2	3	1
Costs	156	365	502
Petrobel Belayim Petroleum Co			
Transactions With Related Parties			
Receivables and other assets	65	50	56
Payables and other liabilities	467	1,130	2,029
Revenues		7	7
Costs	556	1,590	2,282
Societa Oleodotti Meridionali SpA			
Transactions With Related Parties			
Receivables and other assets	3		
Payables and other liabilities	399		
Revenues	20		
Costs	15		
Societe Centrale Electrique du Congo SA			
Transactions With Related Parties			
Receivables and other assets	48		
Revenues	57		
Union Fenosa Gas SA			
Transactions With Related Parties			
Receivables and other assets	11	8	4
Payables and other liabilities	4	1	7
Guarantees	57	57	57
Revenues	9	1	123
Costs		6	
Other operating (expense) income	(3)	63	37
Var Energi AS			
Transactions With Related Parties			
Receivables and other assets	39	32	13
Payables and other liabilities	190	143	100
Guarantees	456	482	218
Revenues	85	63	

Costs	1,126	1,481	
Other operating (expense) income	(118)	(64)	
Other joint ventures and associates			
Transactions With Related Parties			
Receivables and other assets	72	106	44
Payables and other liabilities	24	29	25
Guarantees	1	1	
Revenues	66	112	111
Costs	167	87	104
Other operating (expense) income			(26)
Investments in unconsolidated entities controlled by Eni			
Transactions With Related Parties			
Receivables and other assets	117	106	93
Payables and other liabilities	24	26	24
Guarantees	176	197	196
Revenues	15	20	18
Costs	9	18	13
Eni BTC Ltd			
Transactions With Related Parties			
Guarantees	165	180	177
Industria Siciliana Acido Fosforico ISAF SPA			
Transactions With Related Parties			
Receivables and other assets	112	101	87
Payables and other liabilities	1	1	1
Guarantees	1	3	5
Revenues	11	14	11
Other unconsolidated subsidiaries			
Transactions With Related Parties			
Receivables and other assets	5	5	6
Payables and other liabilities	23	25	23
Guarantees	10	14	14
Revenues	4	6	7
Costs	9	18	13
Entities controlled by the Government			
Transactions With Related Parties			
Receivables and other assets	400	542	494
Payables and other liabilities	701	755	736
Revenues	857	909	1,000
Costs	2,874	3,213	3,218
Other operating (expense) income	134	20	308
Enel Group			
Transactions With Related Parties			
Receivables and other assets	104	185	134
Payables and other liabilities	165	284	151
Revenues	51	105	118
Costs	551	602	514
Other operating (expense) income	86	(8)	227
Italgas Group			

Transactions With Related Parties			
Receivables and other assets	1	3	5
Payables and other liabilities	177	154	146
Revenues	3	1	23
Costs	714	677	667
Snam Group			
Transactions With Related Parties			
Receivables and other assets	189	278	237
Payables and other liabilities	211	229	289
Revenues	45	71	109
Costs	1,012	1,208	1,184
Other operating (expense) income			(1)
Terna Group			
Transactions With Related Parties			
Receivables and other assets	46	40	26
Payables and other liabilities	62	45	47
Revenues	152	171	150
Costs	225	223	231
Other operating (expense) income	8	17	8
GSE Gestore Servizi Energetic			
Transactions With Related Parties			
Receivables and other assets	52	26	67
Payables and other liabilities	37	24	85
Revenues	586	549	555
Costs	309	468	588
Other operating (expense) income	40	11	74
Other entities controlled by government			
Transactions With Related Parties			
Receivables and other assets	8	10	25
Payables and other liabilities	49	19	18
Revenues	20	12	45
Costs	63	35	34
Other related parties			
Transactions With Related Parties			
Receivables and other assets	1	2	1
Payables and other liabilities	4	3	2
Revenues	2	5	4
Costs	53	37	32
Pension funds			
Transactions With Related Parties			
Costs	40		
Fondazione Eni Enrico Mattei			
Transactions With Related Parties			
Costs	5		
Eni Foundation			
Transactions With Related Parties			
Costs	1		
Groupement Sonatrach Agip and Organe Conjoint des Operations			

Transactions With Related Parties			
Receivables and other assets	87	75	40
Payables and other liabilities	52	74	140
Revenues	19	33	34
Costs	€ 262	€ 457	€ 229

Transactions with related parties - Financing transactions with related parties (Details) - Financing transactions - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Transactions With Related Parties			
Receivables	€ 807	€ 971	€ 964
Payables	218	59	661
Guarantees	1,533	1,676	1,664
Gains	114	96	115
Charges	26	36	283
Joint ventures and associates			
Transactions With Related Parties			
Receivables	771	919	915
Payables	179	19	564
Guarantees	1,533	1,676	1,664
Gains	113	95	115
Charges	25	36	281
Angola LNG Ltd			
Transactions With Related Parties			
Guarantees	228	249	245
Cardon IV SA			
Transactions With Related Parties			
Receivables	383	563	705
Payables		5	36
Gains	57	77	95
Coral FLNG SA			
Transactions With Related Parties			
Receivables	288	253	108
Gains	22		
Charges	1	2	
Coral South FLNG DMCC			
Transactions With Related Parties			
Guarantees	1,304	1,425	1,397
Saipem Group			
Transactions With Related Parties			
Receivables	2		
Payables	167		
Charges	6		
Shatskmorneftegaz Sarl			
Transactions With Related Parties			
Gains			7
Charges			267
Societe Centrale Electrique du Congo SA			
Transactions With Related Parties			
Receivables	83	85	64
Payables			30
Gains	7		

Charges		20	5
Var Energi AS			
Transactions With Related Parties			
Payables			494
Other joint ventures and associates			
Transactions With Related Parties			
Receivables	15	18	38
Payables	12	14	4
Guarantees	1	2	22
Gains	27	18	13
Charges	18	14	9
Investments in unconsolidated entities controlled by Eni			
Transactions With Related Parties			
Receivables	36	48	49
Payables	28	28	25
Gains	1	1	
Other unconsolidated subsidiaries			
Transactions With Related Parties			
Receivables	36	48	49
Payables	28	28	25
Gains	1	1	
Entities controlled by the Government			
Transactions With Related Parties			
Receivables		4	
Payables	11	12	72
Charges	1		2
Enel Group			
Transactions With Related Parties			
Payables			64
Other entities controlled by government			
Transactions With Related Parties			
Receivables		4	
Payables	11	€ 12	8
Charges	€ 1		€ 2

Transactions with related parties - Impact of transactions and positions with related parties (Details) - EUR (€) €in Millions	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Transactions With Related Parties			
Other current financial assets	€ 254	€ 384	
Trade and other receivables	10,926	12,873	
Other current assets	2,686	3,972	
Other non-current financial assets	1,008	1,174	
Other non-current assets	1,253	871	
Short-term debt	2,882	2,452	
Current portion of long-term lease liabilities	849	889	
Trade and other payables	12,936	15,545	
Other current liabilities	4,872	7,146	
Non-current lease liabilities	4,169	4,759	
Other non-current liabilities	€ 1,877	€ 1,611	
Other current financial assets, Percentage	16.14%	15.63%	
Trade and other receivables, Percentage	7.34%	5.47%	
Other current assets, Percentage	5.40%	5.51%	
Other non-current financial assets, Percentage	75.99%	77.60%	
Other non-current assets, Percentage	5.91%	20.78%	
Short-term debt, Percentage	1.80%	1.88%	
Current portion of long-term lease liabilities, Percentage	6.36%	0.56%	
Trade and other payables, Percentage	16.23%	17.13%	
Other current liabilities, Percentage	9.28%	2.17%	
Non-current lease liabilities, Percentage	2.69%	0.17%	
Other non-current liabilities, Percentage	1.23%	1.43%	
Sales from operations	€ 43,987	€ 69,881	€ 75,822
Other income and revenues	960	1,160	1,116
Purchases, services and other	(33,551)	(50,874)	(55,622)
Net (impairment losses) reversals of trade and other receivables	(226)	(432)	(415)
Payroll and related costs	(2,863)	(2,996)	(3,093)
Other operating income (expense)	(766)	287	129
Finance income	3,531	3,087	3,967
Finance expense	€ (4,958)	€ (4,079)	€ (4,663)
Sales from operations, Percentage	2.65%	1.79%	1.82%
Other income and revenues, Percentage	3.65%	0.34%	0.72%
Purchases, services and other, Percentage	19.66%	18.03%	14.40%
Net (impairment losses) reversals of trade and other receivables, Percentage	2.65%		
Payroll and related costs, Percentage	1.26%	0.93%	0.71%
Other operating (expense) income, Percentage		6.62%	
Financial income, Percentage	3.23%	3.11%	2.90%
Financial expense, Percentage	0.52%	0.88%	6.07%
Net cash provided from operating activities	€ 4,822	€ 12,392	€ 13,647
Net cash used in investing activities	(4,587)	(11,413)	(7,536)
Net cash used in financing activities	3,253	(5,841)	(2,637)

Related parties			
Transactions With Related Parties			
Other current financial assets	41	60	
Trade and other receivables	802	704	
Other current assets	145	219	
Other non-current financial assets	766	911	
Other non-current assets	74	181	
Short-term debt	52	46	
Current portion of long-term lease liabilities	54	5	
Trade and other payables	2,100	2,663	
Other current liabilities	452	155	
Non-current lease liabilities	112	8	
Other non-current liabilities	23	23	
Sales from operations	1,164	1,248	1,383
Other income and revenues	35	4	8
Purchases, services and other	(6,595)	(9,173)	(8,009)
Net (impairment losses) reversals of trade and other receivables	(6)	28	26
Payroll and related costs	(36)	(28)	(22)
Other operating income (expense)	13	19	319
Finance income	114	96	115
Finance expense	(26)	(36)	(283)
Revenue and other income cash flow	1,199	1,252	1,391
Costs and other expenses cash flow	(5,789)	(6,869)	(5,210)
Other operating (expense) income cash flow	13	19	319
Net change in trade and other receivables and payables	(136)	(839)	683
Net interests cash flow	73	81	110
Net cash provided from operating activities	(4,640)	(6,356)	(2,707)
Capital expenditure in tangible and intangible assets	(842)	(2,332)	(2,768)
Net change in accounts payable and receivable in relation to investments	(370)	(339)	20
Change in financial receivables	(160)	(241)	(566)
Net cash used in investing activities	(1,372)	(2,912)	(3,314)
Change in financial and lease liabilities	164	(817)	16
Net cash used in financing activities	164	(817)	16
Total financial flows to related parties	€ (5,848)	€ (10,085)	€ (6,005)
Net cash used in investing activities, Percentage	29.91%	25.51%	43.98%
Net cash used in financing activities, Percentage	5.04%	13.99%	

Other information about investments - Parent company (Details) - EUR (€)	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Parent		
Share capital	€ 4,005,000,000	€ 4,005,000,000
ENI SpA		
Parent		
Share capital	€ 4,005,358,876	€ 4,005,358,876
ENI SpA		
Parent		
Registered office	Rome	
Country of operation	Italy	
Share capital	€ 4,005,358,876	
ENI SpA Cassa Depositi ePrestiti SpA [Member]		
Parent		
Percentage of interest held in reporting entity	25.96%	
ENI SpA Ministero dell Economia e delle Finanze [Member]		
Parent		
Percentage of interest held in reporting entity	4.37%	
ENI SpA ENI SpA		
Parent		
Percentage of interest held in reporting entity	0.92%	
ENI SpA Other Shareholders [Member]		
Parent		
Percentage of interest held in reporting entity	68.75%	

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Company name	Eni Arguni I Ltd
Registered office	London (United Kingdom)
Country of operation	Indonesia
Share capital £	
% Equity ratio	100.00%
Consolidation or valuation method	F.C.
Exploration & Production Foreign (outside Italy) Subsidiaries Twenty Nine [Member] Eni Indonesia Ltd	
Subsidiaries	
% Ownership	100.00%
Exploration & Production Foreign (outside Italy) Subsidiaries Thirty [Member]	
Subsidiaries	
Company name	Eni Australia BV
Registered office	Amsterdam (Netherlands)
Country of operation	Australia
Share capital	
% Equity ratio	100.00%
Consolidation or valuation method	F.C.
Exploration & Production Foreign (outside Italy) Subsidiaries Thirty [Member] Eni International BV	
Subsidiaries	
% Ownership	100.00%
Exploration & Production Foreign (outside Italy) Subsidiaries Thirty One [Member]	
Subsidiaries	
Company name	Eni Australia Ltd
Registered office	London (United Kingdom)
Country of operation	Australia
Share capital £	
% Equity ratio	100.00%
Consolidation or valuation method	F.C.
Exploration & Production Foreign (outside Italy) Subsidiaries Thirty One [Member] Eni International BV	
Subsidiaries	
% Ownership	100.00%
Exploration & Production Foreign (outside Italy) Subsidiaries Thirty Two [Member]	
Subsidiaries	
Company name	Eni Bahrain BV
Registered office	Amsterdam (Netherlands)
Country of operation	Bahrain
Share capital	
% Equity ratio	100.00%
Consolidation or valuation method	F.C.
Exploration & Production Foreign (outside Italy) Subsidiaries Thirty Two [Member] Eni International BV	
Subsidiaries	

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Exploration & Production Foreign (outside Italy) Subsidiaries Seventy Four [Member] Eni International BV												
Subsidiaries												
% Ownership100.00%												
Exploration & Production Foreign (outside Italy) Subsidiaries Seventy Five [Member]												
Subsidiaries												
Company name		Eni Mexico S. de RL de CV										
Registered office		Lomas De Chapultepec, Mexico City (México)										
Country of operation		Mexico										
Share capital \$		\$ 3,000										
% Equity ratio		100.00%										
Consolidation or valuation method		F.C.										
Exploration & Production Foreign (outside Italy) Subsidiaries Seventy Five [Member] Eni International BV												
Subsidiaries												
% Ownership		99.90%										
Exploration & Production Foreign (outside Italy) Subsidiaries Seventy Five [Member] Eni Oil Holdings BV												
Subsidiaries												
% Ownership		0.10%										
Exploration & Production Foreign (outside Italy) Subsidiaries Seventy Six [Member]												
Subsidiaries												
Company name		Eni Middle East Ltd										
Registered office		London (United Kingdom)										
Country of operation		United Kingdom										
Share capital £												
% Equity ratio		100.00%										
Consolidation or valuation method		F.C.										
Exploration & Production Foreign (outside Italy) Subsidiaries Seventy Six [Member] Eni ULT Ltd												
Subsidiaries												
% Ownership		100.00%										
Exploration & Production Foreign (outside Italy) Subsidiaries Seventy Seven [Member]												
Subsidiaries												
Company name		Eni MOG Ltd (in liquidation)										
Registered office		London (United Kingdom)										
Country of operation		United Kingdom										
Share capital £												
% Equity ratio		100.00%										
Consolidation or valuation method		F.C.										
Exploration & Production Foreign (outside Italy) Subsidiaries Seventy Seven [Member] Eni Lasmo Plc												
Subsidiaries												

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% Ownership	100.00%											
Exploration & Production Foreign (outside Italy) Subsidiaries Hundred Eleven [Member]												
Subsidiaries												
Company name	Eni ULT Ltd											
Registered office	London (United Kingdom)											
Country of operation	United Kingdom											
Share capital £												
% Equity ratio	100.00%											
Consolidation or valuation method	F.C.											
Exploration & Production Foreign (outside Italy) Subsidiaries Hundred Eleven [Member] Eni Lasmo Plc												
Subsidiaries												
% Ownership	100.00%											
Exploration & Production Foreign (outside Italy) Subsidiaries Hundred Twelve [Member]												
Subsidiaries												
Company name	Eni ULX Ltd											
Registered office	London (United Kingdom)											
Country of operation	United Kingdom											
Share capital £												
% Equity ratio	100.00%											
Consolidation or valuation method	F.C.											
Exploration & Production Foreign (outside Italy) Subsidiaries Hundred Twelve [Member] Eni ULT Ltd												
Subsidiaries												
% Ownership	100.00%											
Exploration & Production Foreign (outside Italy) Subsidiaries Hundred Thirteen [Member]												
Subsidiaries												
Company name	Eni US Operating Co Inc											
Registered office	Dover (USA)											
Country of operation	USA											
Share capital \$												
% Equity ratio	100.00%											
Consolidation or valuation method	F.C.											
Exploration & Production Foreign (outside Italy) Subsidiaries Hundred Thirteen [Member] Eni Petroleum Co Inc												
Subsidiaries												
% Ownership	100.00%											
Exploration & Production Foreign (outside Italy) Subsidiaries Hundred Fourteen [Member]												
Subsidiaries												
Company name	Eni USA Gas Marketing Llc											
Registered office	Dover (USA)											
Country of operation	USA											
Share capital \$												
% Equity ratio	100.00%											

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Exploration & Production Foreign (outside Italy) Subsidiaries Hundred Thirty One [Member] Nigerian Agip E. Ltd												
Subsidiaries												
% Ownership	0.99%											
Exploration & Production Foreign (outside Italy) Subsidiaries Hundred Thirty Two [Member]												
Subsidiaries												
Company name	Nigerian Agip Exploration Ltd											
Registered office	Abuja (Nigeria)											
Country of operation	Nigeria											
Share capital ₦					5,000,000							
% Equity ratio	100.00%											
Consolidation or valuation method	F.C.											
Exploration & Production Foreign (outside Italy) Subsidiaries Hundred Thirty Two [Member] Eni International BV												
Subsidiaries												
% Ownership	99.99%											
Exploration & Production Foreign (outside Italy) Subsidiaries Hundred Thirty Two [Member] Eni Oil Holdings BV												
Subsidiaries												
% Ownership	0.01%											
Exploration & Production Foreign (outside Italy) Subsidiaries Hundred Thirty Three [Member]												
Subsidiaries												
Company name	Nigerian Agip Oil Co Ltd											
Registered office	Abuja (Nigeria)											
Country of operation	Nigeria											
Share capital ₦					₦ 1,800,000							
% Equity ratio	100.00%											
Consolidation or valuation method	F.C.											
Exploration & Production Foreign (outside Italy) Subsidiaries Hundred Thirty Three [Member] Eni International BV												
Subsidiaries												
% Ownership	99.89%											
Exploration & Production Foreign (outside Italy) Subsidiaries Hundred Thirty Three [Member] Eni Oil Holdings BV												
Subsidiaries												
% Ownership	0.11%											
Exploration & Production Foreign (outside Italy) Subsidiaries Hundred Thirty Four [Member]												
Subsidiaries												
Company name	OOO 'Eni Energhia'											
Registered office	Moscow (Russia)											
Country of operation	Russia											
Share capital ₪						₪ 2,000,000						
% Equity ratio	100.00%											

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Other information about investments - Subsidiaries - Global Gas & LNG Portfolio (Details)	12 Months Ended		
	Dec. 31, 2020 TND (ت.د.)	Dec. 31, 2020 EUR (€)	Dec. 31, 2019 EUR (€)
Subsidiaries			
Share capital		€ 4,005,000,000	€ 4,005,000,000
ENI SpA			
Subsidiaries			
Share capital		4,005,358,876	€ 4,005,358,876
Global Gas & LNG Portfolio Italy Subsidiaries One [Member]			
Subsidiaries			
Company name	Eni Gas Transport Services Srl		
Registered office	San Donato Milanese (MI)		
Country of operation	Italy		
Share capital		120,000	
Consolidation or valuation method	Co.		
Global Gas & LNG Portfolio Italy Subsidiaries One [Member] ENI SpA			
Subsidiaries			
% Ownership	100.00%		
Global Gas & LNG Portfolio Italy Subsidiaries Two [Member]			
Subsidiaries			
Company name	Eni Global Energy Markets SpA (former Eni Energy Activities Srl)		
Registered office	Rome		
Country of operation	Italy		
Share capital		1,050,000	
% Equity ratio	100.00%		
Consolidation or valuation method	F.C.		
Global Gas & LNG Portfolio Italy Subsidiaries Two [Member] ENI SpA			
Subsidiaries			
% Ownership	100.00%		
Global Gas & LNG Portfolio Italy Subsidiaries Three [Member]			
Subsidiaries			
Company name	Eni Trading & Shipping SpA		
Registered office	Rome		
Country of operation	Italy		
Share capital		60,036,650	
% Equity ratio	100.00%		
Consolidation or valuation method	F.C.		
Global Gas & LNG Portfolio Italy Subsidiaries Three [Member] ENI SpA			
Subsidiaries			
% Ownership	100.00%		
Global Gas & LNG Portfolio Italy Subsidiaries Four [Member]			
Subsidiaries			

Company name	LNG Shipping SpA		
Registered office	San Donato Milanese (MI)		
Country of operation	Italy		
Share capital		240,900,000	
% Equity ratio	100.00%		
Consolidation or valuation method	F.C.		
Global Gas & LNG Portfolio Italy Subsidiaries Four [Member] ENI SpA			
Subsidiaries			
% Ownership	100.00%		
Global Gas & LNG Portfolio Italy Subsidiaries Five [Member]			
Subsidiaries			
Company name	Trans Tunisian Pipeline Co SpA		
Registered office	San Donato Milanese (MI)		
Country of operation	Tunisia		
Share capital		1,098,000	
% Equity ratio	100.00%		
Consolidation or valuation method	F.C.		
Global Gas & LNG Portfolio Italy Subsidiaries Five [Member] ENI SpA			
Subsidiaries			
% Ownership	100.00%		
Global Gas & LNG Portfolio Foreign (outside Italy) Subsidiaries Six [Member]			
Subsidiaries			
Company name	Eni G&P Trading BV		
Registered office	Amsterdam (Netherlands)		
Country of operation	Turkey		
Share capital		70,000	
% Equity ratio	100.00%		
Consolidation or valuation method	F.C.		
Global Gas & LNG Portfolio Foreign (outside Italy) Subsidiaries Six [Member] Eni International BV			
Subsidiaries			
% Ownership	100.00%		
Global Gas & LNG Portfolio Foreign (outside Italy) Subsidiaries Seven [Member]			
Subsidiaries			
Company name	Eni Gas Liquefaction BV		
Registered office	Amsterdam (Netherlands)		
Country of operation	Netherlands		
Share capital		€ 20,000	
% Equity ratio	100.00%		
Consolidation or valuation method	F.C.		
Global Gas & LNG Portfolio Foreign (outside Italy) Subsidiaries Seven [Member] Eni International BV			
Subsidiaries			
% Ownership	100.00%		
Global Gas & LNG Portfolio Foreign (outside Italy) Subsidiaries Eight [Member]			

Subsidiaries			
Company name	Société de Service du Gazoduc Transtunisien SA - Sergaz SA		
Registered office	Tunisi (Tunisia)		
Country of operation	Tunisia		
Share capital د.ت	99,000	د.ت	
% Equity ratio	66.67%		
Consolidation or valuation method	F.C.		
Global Gas & LNG Portfolio Foreign (outside Italy) Subsidiaries Eight [Member] Third parties			
Subsidiaries			
% Ownership	33.33%		
Global Gas & LNG Portfolio Foreign (outside Italy) Subsidiaries Eight [Member] Eni International BV			
Subsidiaries			
% Ownership	66.67%		
Global Gas & LNG Portfolio Foreign (outside Italy) Subsidiaries Nine [Member]			
Subsidiaries			
Company name	Société pour la Construction du Gazoduc Transtunisien SA - Scogat SA		
Registered office	Tunisi (Tunisia)		
Country of operation	Tunisia		
Share capital د.ت	200,000	د.ت	
% Equity ratio	100.00%		
Consolidation or valuation method	F.C.		
Global Gas & LNG Portfolio Foreign (outside Italy) Subsidiaries Nine [Member] ENI SpA			
Subsidiaries			
% Ownership	0.05%		
Global Gas & LNG Portfolio Foreign (outside Italy) Subsidiaries Nine [Member] Eni International BV			
Subsidiaries			
% Ownership	99.85%		
Global Gas & LNG Portfolio Foreign (outside Italy) Subsidiaries Nine [Member] LNG Shipping SpA			
Subsidiaries			
% Ownership	0.05%		
Global Gas & LNG Portfolio Foreign (outside Italy) Subsidiaries Nine [Member] Trans Tunis P Co SpA			
Subsidiaries			
% Ownership	0.05%		

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Refining & Marketing Italy Subsidiaries Four [Member]													
Subsidiaries													
Company name	Eni Trade & Biofuels SpA (former Eni Energia Srl)												
Registered office	Rome												
Country of operation	Italy												
Share capital													
% Equity ratio	100.00%												
Consolidation or valuation method	F.C.												
Refining & Marketing Italy Subsidiaries Four [Member] ENI SpA													
Subsidiaries													
% Ownership	100.00%												
Refining & Marketing Italy Subsidiaries Five [Member]													
Subsidiaries													
Company name	Petroven Srl												
Registered office	Genova												
Country of operation	Italy												
Share capital													
% Equity ratio	100.00%												
Consolidation or valuation method	F.C.												
Refining & Marketing Italy Subsidiaries Five [Member] Ecofuel SpA [Member]													
Subsidiaries													
% Ownership	100.00%												
Refining & Marketing Italy Subsidiaries Six [Member]													
Subsidiaries													
Company name	Raffineria di Gela SpA												
Registered office	Gela (CL)												
Country of operation	Italy												
Share capital													
% Equity ratio	100.00%												
Consolidation or valuation method	F.C.												
Refining & Marketing Italy Subsidiaries Six [Member] ENI SpA													
Subsidiaries													
% Ownership	100.00%												
Refining & Marketing Italy Subsidiaries Seven [Member]													
Subsidiaries													
Company name	SeaPad SpA												
Registered office	Genova												
Country of operation	Italy												
Share capital													
Consolidation or valuation method	Eq.												

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Refining & Marketing Foreign (outside Italy) Subsidiaries Fourteen [Member]														
Subsidiaries														
Company name		Eni Ecuador SA												
Registered office		Quito (Ecuador)												
Country of operation		Ecuador												
Share capital \$														\$ 103,142.08
% Equity ratio		100.00%												
Consolidation or valuation method		F.C.												
Refining & Marketing Foreign (outside Italy) Subsidiaries Fourteen [Member] Eni International BV														
Subsidiaries														
% Ownership		99.93%												
Refining & Marketing Foreign (outside Italy) Subsidiaries Fourteen [Member] Esain SA [Member]														
Subsidiaries														
% Ownership		0.07%												
Refining & Marketing Foreign (outside Italy) Subsidiaries Fifteen [Member]														
Subsidiaries														
Company name		Eni France Sàrl												
Registered office		Lyon (France)												
Country of operation		France												
Share capital														5
% Equity ratio		100.00%												
Consolidation or valuation method		F.C.												
Refining & Marketing Foreign (outside Italy) Subsidiaries Fifteen [Member] Eni International BV														
Subsidiaries														
% Ownership		100.00%												
Refining & Marketing Foreign (outside Italy) Subsidiaries Sixteen [Member]														
Subsidiaries														
Company name		Eni Iberia SLU												
Registered office		Alcobendas (Spain)												
Country of operation		Spain												
Share capital														1
% Equity ratio		100.00%												
Consolidation or valuation method		F.C.												
Refining & Marketing Foreign (outside Italy) Subsidiaries Sixteen [Member] Eni International BV														
Subsidiaries														
% Ownership		100.00%												
Refining & Marketing Foreign (outside Italy) Subsidiaries Seventeen [Member]														
Subsidiaries														
Company name		Eni Lubricants Trading (Shanghai) Co Ltd												
Registered office		Shanghai (China)												

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Registered office	Valais (Switzerland)
Country of operation	Switzerland
Share capital SFr	SFr 7,000,000
Consolidation or valuation method	Eq.
Refining & Marketing Foreign (outside Italy) Subsidiaries Twenty Seven [Member] Eni International BV	
Subsidiaries	
% Ownership	100.00%
Refining & Marketing Foreign (outside Italy) Subsidiaries Twenty Eight [Member]	
Subsidiaries	
Company name	ООО "Eni-Nefto"
Registered office	Moscow (Russia)
Country of operation	Russia
Share capital P	₽ 1,010,000
Consolidation or valuation method	Eq.
Refining & Marketing Foreign (outside Italy) Subsidiaries Twenty Eight [Member] Eni International BV	
Subsidiaries	
% Ownership	99.01%
Refining & Marketing Foreign (outside Italy) Subsidiaries Twenty Eight [Member] Eni Oil Holdings BV	
Subsidiaries	
% Ownership	0.99%
Refining & Marketing Foreign (outside Italy) Subsidiaries Twenty Nine [Member]	
Subsidiaries	
Company name	Tecnoesa SA
Registered office	Quito (Ecuador)
Country of operation	Ecuador
Share capital \$	\$ 36,000
Consolidation or valuation method	Eq.
Refining & Marketing Foreign (outside Italy) Subsidiaries Twenty Nine [Member] Eni Ecuador SA [Member]	
Subsidiaries	
% Ownership	99.99%
Chemicals Italy Subsidiaries Thirty [Member]	
Subsidiaries	
Company name	Versalis SpA
Registered office	San Donato Milanese (MI)
Country of operation	Italy
Share capital	\$ 1,360,000
% Equity ratio	100.00%
Consolidation or valuation method	F.C.
Chemicals Italy Subsidiaries Thirty [Member] ENI	

[illegible]

Chemicals Foreign (outside Italy) Subsidiaries Thirty Six [Member] Versalis Deutsc GmbH [Member]														
Subsidiaries														
% Ownership		23.71%												
Chemicals Foreign (outside Italy) Subsidiaries Thirty Six [Member] Dunastyr Zrt [Member]														
Subsidiaries														
% Ownership		14.43%												
Chemicals Foreign (outside Italy) Subsidiaries Thirty Six [Member] Versalis France [Member]														
Subsidiaries														
% Ownership		2.86%												
Chemicals Foreign (outside Italy) Subsidiaries Thirty Seven [Member]														
Subsidiaries														
Company name		Versalis Kimya Ticaret Limited Sirketi												
Registered office		Istanbul (Turkey)												
Country of operation		Turkey												
Share capital ₺		₺ 20,000												
% Equity ratio		100.00%												
Consolidation or valuation method		F.C.												
Chemicals Foreign (outside Italy) Subsidiaries Thirty Seven [Member] Versalis Int. SA [Member]														
Subsidiaries														
% Ownership		100.00%												
Chemicals Foreign (outside Italy) Subsidiaries Thirty Eight [Member]														
Subsidiaries														
Company name		Versalis México S. de R.L. de CV												
Registered office		Mexico City (Mexico)												
Country of operation		Mexico												
Share capital \$		\$ 1,000												
% Equity ratio		100.00%												
Consolidation or valuation method		F.C.												
Chemicals Foreign (outside Italy) Subsidiaries Thirty Eight [Member] Versalis SpA [Member]														
Subsidiaries														
% Ownership		1.00%												
Chemicals Foreign (outside Italy) Subsidiaries Thirty Eight [Member] Versalis Int. SA [Member]														
Subsidiaries														
% Ownership		99.00%												
Chemicals Foreign (outside Italy) Subsidiaries Thirty Nine [Member]														
Subsidiaries														
Company name		Versalis Pacific (India) Private Ltd												
Registered office		Mumbai (India)												

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Chemicals Foreign (outside Italy) Subsidiaries Forty Three [Member]													
Subsidiaries													
Company name	Versalis Zeal Ltd												
Registered office	Tokoradi (Ghana)												
Country of operation	Ghana												
Share capital GH¢							GH¢ 5,650,000						
% Equity ratio	80.00%												
Consolidation or valuation method	F.C.												
Chemicals Foreign (outside Italy) Subsidiaries Forty Three [Member] Third parties													
Subsidiaries													
% Ownership	20.00%												
Chemicals Foreign (outside Italy) Subsidiaries Forty Three [Member] Versalis Int. SA [Member]													
Subsidiaries													
% Ownership	80.00%												

Other information about investments - Subsidiaries - Eni gas e luce, Power, Renewables (Details)	12 Months Ended						
	Dec. 31, 2020 PKR (Rs)	Dec. 31, 2020 KZT (₸)	Dec. 31, 2020 GBP (£)	Dec. 31, 2020 EGP (ج.ع.)	Dec. 31, 2020 USD (\$)	Dec. 31, 2020 EUR (€)	Dec. 31, 2019 EUR (€)
Subsidiaries							
Share capital						€ 4,005,000,000	€ 4,005,000,000
ENI SpA							
Subsidiaries							
Share capital						4,005,358,876	€ 4,005,358,876
Eni gas e luce Italy Subsidiaries One [Member]							
Subsidiaries							
Company name	Eni gas e luce SpA						
Registered office	San Donato Milanese (MI)						
Country of operation	Italy						
Share capital						750,000,000	
% Equity ratio	100.00%						
Consolidation or valuation method	F.C.						
Eni gas e luce Italy Subsidiaries One [Member] ENI SpA							
Subsidiaries							
% Ownership	100.00%						
Eni gas e luce Italy Subsidiaries Two [Member]							
Subsidiaries							
Company name	Evolvere Smart Srl						
Registered office	Milan						
Country of operation	Italy						
Share capital						100,000	
% Equity ratio	70.52%						
Consolidation or valuation method	F.C.						
Eni gas e luce Italy Subsidiaries Two [Member] Evolvere Venture Spa [Member]							
Subsidiaries							
% Ownership	100.00%						
Eni gas e luce Italy Subsidiaries Three [Member]							
Subsidiaries							
Company name	Evolvere SpA Società Benefit						
Registered office	Milan						
Country of operation	Italy						
Share capital						1,130,000	
% Equity ratio	70.52%						
Consolidation or valuation method	F.C.						
Eni gas e luce Italy Subsidiaries Three [Member] Eni gas e luce SPA							
Subsidiaries							
% Ownership	70.52%						
Eni gas e luce Italy Subsidiaries Three [Member] Third parties							
Subsidiaries							
% Ownership	29.48%						
Eni gas e luce Italy Subsidiaries Four [Member]							

Subsidiaries							
Company name	Evolvere Venture SpA						
Registered office	Milan						
Country of operation	Italy						
Share capital						50,000	
% Equity ratio	70.52%						
Consolidation or valuation method	F.C.						
Eni gas e luce Italy Subsidiaries Four [Member] Evolvere SpA Soc Ben [Member]							
Subsidiaries							
% Ownership	100.00%						
Eni gas e luce Italy Subsidiaries Five [Member]							
Subsidiaries							
Company name	SEA SpA						
Registered office	L'Aquila						
Country of operation	Italy						
Share capital						100,000	
% Equity ratio	60.00%						
Consolidation or valuation method	F.C.						
Eni gas e luce Italy Subsidiaries Five [Member] Eni gas e luce SPA							
Subsidiaries							
% Ownership	60.00%						
Eni gas e luce Italy Subsidiaries Five [Member] Third parties							
Subsidiaries							
% Ownership	40.00%						
Eni gas e luce Foreign (outside Italy) Subsidiaries Six [Member]							
Subsidiaries							
Company name	Adriaplin Podjetje za distribucijo zemeljskega plina doo Ljubljana						
Registered office	Ljubljana (Slovenia)						
Country of operation	Slovenia						
Share capital						12,956,935	
% Equity ratio	51.00%						
Consolidation or valuation method	F.C.						
Eni gas e luce Foreign (outside Italy) Subsidiaries Six [Member] Eni gas e luce SPA							
Subsidiaries							
% Ownership	51.00%						
Eni gas e luce Foreign (outside Italy) Subsidiaries Six [Member] Third parties							
Subsidiaries							
% Ownership	49.00%						
Eni gas e luce Foreign (outside Italy) Subsidiaries Seven [Member]							
Subsidiaries							
Company name	Eni Gas & Power France SA						
Registered office	Levallois Perret (France)						
Country of operation	France						

Share capital						29,937,600	
% Equity ratio	99.87%						
Consolidation or valuation method	F.C.						
Eni gas e luce Foreign (outside Italy) Subsidiaries Seven [Member] Eni gas e luce SPA							
Subsidiaries							
% Ownership	99.87%						
Eni gas e luce Foreign (outside Italy) Subsidiaries Seven [Member] Third parties							
Subsidiaries							
% Ownership	0.13%						
Eni gas e luce Foreign (outside Italy) Subsidiaries Eight [Member]							
Subsidiaries							
Company name	Gas Supply Company Thessaloniki - Thessalia SA						
Registered office	Thessaloniki (Greece)						
Country of operation	Greece						
Share capital						13,761,788	
% Equity ratio	100.00%						
Consolidation or valuation method	F.C.						
Eni gas e luce Foreign (outside Italy) Subsidiaries Eight [Member] Eni gas e luce SPA							
Subsidiaries							
% Ownership	100.00%						
Power Italy Subsidiaries Nine [Member]							
Subsidiaries							
Company name	EniPower Mantova SpA						
Registered office	San Donato Milanese (MI)						
Country of operation	Italy						
Share capital						144,000,000	
% Equity ratio	86.50%						
Consolidation or valuation method	F.C.						
Power Italy Subsidiaries Nine [Member] Third parties							
Subsidiaries							
% Ownership	13.50%						
Power Italy Subsidiaries Nine [Member] EniPower SpA							
Subsidiaries							
% Ownership	86.50%						
Power Italy Subsidiaries Ten [Member]							
Subsidiaries							
Company name	EniPower SpA						
Registered office	San Donato Milanese (MI)						
Country of operation	Italy						
Share capital						944,947,849	
% Equity ratio	100.00%						
Consolidation or valuation method	F.C.						
Power Italy Subsidiaries Ten [Member] ENI SpA							
Subsidiaries							

Fifteen [Member]							
Subsidiaries							
Company name	Arm Wind Llp						
Registered office	Nur-Sultan (Kazakhstan)						
Country of operation	Kazakhstan						
Share capital ₸	₸ 7,963,200,000						
% Equity ratio	100.00%						
Consolidation or valuation method	F.C.						
Renewables Foreign (outside Italy) Subsidiaries Fifteen [Member] Eni Energy Solutions BV [Member]							
Subsidiaries							
% Ownership	100.00%						
Renewables Foreign (outside Italy) Subsidiaries Sixteen [Member]							
Subsidiaries							
Company name	Eni Energy Solutions BV						
Registered office	Amsterdam (Netherlands)						
Country of operation	Netherlands						
Share capital						€ 20,000	
% Equity ratio	100.00%						
Consolidation or valuation method	F.C.						
Renewables Foreign (outside Italy) Subsidiaries Sixteen [Member] Eni International BV							
Subsidiaries							
% Ownership	100.00%						
Renewables Foreign (outside Italy) Subsidiaries Seventeen [Member]							
Subsidiaries							
Company name	Eni New Energy Egypt SAE						
Registered office	Cairo (Egypt)						
Country of operation	Egypt						
Share capital ا.ج.د.				250,000			
Consolidation or valuation method	Eq.						
Renewables Foreign (outside Italy) Subsidiaries Seventeen [Member] Eni International BV							
Subsidiaries							
% Ownership	99.98%						
Renewables Foreign (outside Italy) Subsidiaries Seventeen [Member] leoc Exploration BV [Member]							
Subsidiaries							
% Ownership	0.01%						
Renewables Foreign (outside Italy) Subsidiaries Seventeen [Member] leoc Production BV							
Subsidiaries							
% Ownership	0.01%						
Renewables Foreign (outside Italy) Subsidiaries Eighteen [Member]							
Subsidiaries							
Company name	Eni New Energy Pakistan (Private) Ltd						
Registered office	Saddar Town-Karachi (Pakistan)						

Country of operation	Pakistan						
Share capital Rs	Rs 136,000,000						
% Equity ratio	100.00%						
Consolidation or valuation method	F.C.						
Renewables Foreign (outside Italy) Subsidiaries Eighteen [Member] Eni International BV							
Subsidiaries							
% Ownership	99.98%						
Renewables Foreign (outside Italy) Subsidiaries Eighteen [Member] Eni Oil Holdings BV							
Subsidiaries							
% Ownership	0.01%						
Renewables Foreign (outside Italy) Subsidiaries Eighteen [Member] Eni Pakistan Ltd (M) [Member]							
Subsidiaries							
% Ownership	0.01%						
Renewables Foreign (outside Italy) Subsidiaries Nineteen [Member]							
Subsidiaries							
Company name	Eni New Energy US Inc						
Registered office	Dover (USA)						
Country of operation	USA						
Share capital \$					\$ 100		
% Equity ratio	100.00%						
Consolidation or valuation method	F.C.						
Renewables Foreign (outside Italy) Subsidiaries Nineteen [Member] Eni Petroleum Co Inc							
Subsidiaries							
% Ownership	100.00%						
Renewables Foreign (outside Italy) Subsidiaries Twenty [Member]							
Subsidiaries							
Company name	Eni North Sea Wind Ltd						
Registered office	London (United Kingdom)						
Country of operation	United Kingdom						
Share capital £				£ 10,000			
Consolidation or valuation method	Eq.						
Renewables Foreign (outside Italy) Subsidiaries Twenty [Member] Eni Energy Solutions BV [Member]							
Subsidiaries							
% Ownership	100.00%						

Other information about investments - Subsidiaries - Corporate and other activities (Details)	12 Months Ended					
	Dec. 31, 2020 CHF (SFr)	Dec. 31, 2020 GBP (£)	Dec. 31, 2020 EGP (£.£.)	Dec. 31, 2020 USD (\$)	Dec. 31, 2020 EUR (€)	Dec. 31, 2019 EUR (€)
Subsidiaries						
Share capital					€ 4,005,000,000	€ 4,005,000,000
ENI SpA						
Subsidiaries						
Share capital					4,005,358,876	€ 4,005,358,876
Corporate and financial companies Italy Subsidiaries One [Member]						
Subsidiaries						
Company name	Agenzia Giornalistica Italia SpA					
Registered office	Rome					
Country of operation	Italy					
Share capital					2,000,000	
% Equity ratio	100.00%					
Consolidation or valuation method	F.C.					
Corporate and financial companies Italy Subsidiaries One [Member] ENI SpA						
Subsidiaries						
% Ownership	100.00%					
Corporate and financial companies Italy Subsidiaries Two [Member]						
Subsidiaries						
Company name	D-Service Media Srl (in liquidation)					
Registered office	Milan					
Country of operation	Italy					
Share capital					75,000	
Consolidation or valuation method	Eq.					
Corporate and financial companies Italy Subsidiaries Two [Member] D-Share SpA [Member]						
Subsidiaries						
% Ownership	100.00%					
Corporate and financial companies Italy Subsidiaries Three [Member]						
Subsidiaries						
Company name	D-Share SpA					
Registered office	Milan					
Country of operation	Italy					
Share capital					121,719.25	
% Equity ratio	55.21%					
Consolidation or valuation method	F.C.					
Corporate and financial companies Italy Subsidiaries Three [Member] Third parties						
Subsidiaries						
% Ownership	44.79%					
Corporate and financial companies Italy Subsidiaries Three [Member] Agi SpA [Member]						
Subsidiaries						

% Ownership	55.21%					
Corporate and financial companies Italy Subsidiaries Four [Member]						
Subsidiaries						
Company name	Eni Corporate University SpA					
Registered office	San Donato Milanese (MI)					
Country of operation	Italy					
Share capital					3,360,000	
% Equity ratio	100.00%					
Consolidation or valuation method	F.C.					
Corporate and financial companies Italy Subsidiaries Four [Member] ENI SpA						
Subsidiaries						
% Ownership	100.00%					
Corporate and financial companies Italy Subsidiaries Five [Member]						
Subsidiaries						
Company name	Eni Energia Italia Srl					
Registered office	San Donato Milanese (MI)					
Country of operation	Italy					
Share capital					50,000	
Consolidation or valuation method	Co.					
Corporate and financial companies Italy Subsidiaries Five [Member] ENI SpA						
Subsidiaries						
% Ownership	100.00%					
Corporate and financial companies Italy Subsidiaries Six [Member]						
Subsidiaries						
Company name	Eni Nuova Energia Srl					
Registered office	San Donato Milanese (MI)					
Country of operation	Italy					
Share capital					50,000	
Consolidation or valuation method	Co.					
Corporate and financial companies Italy Subsidiaries Six [Member] ENI SpA						
Subsidiaries						
% Ownership	100.00%					
Corporate and financial companies Italy Subsidiaries Seven [Member]						
Subsidiaries						
Company name	EniProgetti SpA					
Registered office	Venezia Marghera (VE)					
Country of operation	Italy					
Share capital					2,064,000	
% Equity ratio	100.00%					
Consolidation or valuation method	F.C.					
Corporate and financial companies Italy Subsidiaries Seven [Member] ENI SpA						
Subsidiaries						

% Ownership	100.00%					
Corporate and financial companies Italy Subsidiaries Eight [Member]						
Subsidiaries						
Company name	EniServizi SpA					
Registered office	San Donato Milanese (MI)					
Country of operation	Italy					
Share capital					13,427,419.08	
% Equity ratio	100.00%					
Consolidation or valuation method	F.C.					
Corporate and financial companies Italy Subsidiaries Eight [Member] ENI SpA						
Subsidiaries						
% Ownership	100.00%					
Corporate and financial companies Italy Subsidiaries Nine [Member]						
Subsidiaries						
Company name	Serfactoring SpA					
Registered office	San Donato Milanese (MI)					
Country of operation	Italy					
Share capital					5,160,000	
% Equity ratio	49.00%					
Consolidation or valuation method	F.C.					
Corporate and financial companies Italy Subsidiaries Nine [Member] ENI SpA						
Subsidiaries						
% Ownership	49.00%					
Corporate and financial companies Italy Subsidiaries Nine [Member] Third parties						
Subsidiaries						
% Ownership	51.00%					
Corporate and financial companies Italy Subsidiaries Ten [Member]						
Subsidiaries						
Company name	Servizi Aerei SpA					
Registered office	San Donato Milanese (MI)					
Country of operation	Italy					
Share capital					79,817,238	
% Equity ratio	100.00%					
Consolidation or valuation method	F.C.					
Corporate and financial companies Italy Subsidiaries Ten [Member] ENI SpA						
Subsidiaries						
% Ownership	100.00%					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Eleven [Member]						
Subsidiaries						
Company name	Banque Eni SA					
Registered office	Bruxelles (Belgium)					
Country of operation	Belgium					
Share capital					50,000,000	

% Equity ratio	100.00%					
Consolidation or valuation method	F.C.					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Eleven [Member] Eni International BV						
Subsidiaries						
% Ownership	99.90%					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Eleven [Member] Eni Oil Holdings BV						
Subsidiaries						
% Ownership	0.10%					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Twelve [Member]						
Subsidiaries						
Company name	D-Share USA Corp.					
Registered office	New York (USA)					
Country of operation	USA					
Share capital \$				\$ 0		
Consolidation or valuation method	Co.					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Twelve [Member] D-Share SpA [Member]						
Subsidiaries						
% Ownership	100.00%					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Thirteen [Member]						
Subsidiaries						
Company name	Eni Finance International SA					
Registered office	Bruxelles (Belgium)					
Country of operation	Belgium					
Share capital \$				1,480,365,336		
% Equity ratio	100.00%					
Consolidation or valuation method	F.C.					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Thirteen [Member] ENI SpA						
Subsidiaries						
% Ownership	33.61%					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Thirteen [Member] Eni International BV						
Subsidiaries						
% Ownership	66.39%					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Fourteen [Member]						
Subsidiaries						
Company name	Eni Finance USA Inc					
Registered office	Dover (USA)					
Country of operation	USA					
Share capital \$				15,000,000		
% Equity ratio	100.00%					

Consolidation or valuation method	F.C.					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Fourteen [Member] Eni Petroleum Co Inc						
Subsidiaries						
% Ownership	100.00%					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Fifteen [Member]						
Subsidiaries						
Company name	Eni Insurance DAC					
Registered office	Dublin (Ireland)					
Country of operation	Ireland					
Share capital					500,000,000	
% Equity ratio	100.00%					
Consolidation or valuation method	F.C.					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Fifteen [Member] ENI SpA						
Subsidiaries						
% Ownership	100.00%					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Sixteen [Member]						
Subsidiaries						
Company name	Eni International BV					
Registered office	Amsterdam (Netherlands)					
Country of operation	Netherlands					
Share capital					641,683,425	
% Equity ratio	100.00%					
Consolidation or valuation method	F.C.					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Sixteen [Member] ENI SpA						
Subsidiaries						
% Ownership	100.00%					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Seventeen [Member]						
Subsidiaries						
Company name	Eni International Resources Ltd					
Registered office	London (United Kingdom)					
Country of operation	United Kingdom					
Share capital £		£ 50,000				
% Equity ratio	100.00%					
Consolidation or valuation method	F.C.					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Seventeen [Member] ENI SpA						
Subsidiaries						
% Ownership	99.99%					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Eighteen [Member]						
Subsidiaries						
Company name	Eni Next Llc					
Registered office	Dover (USA)					
Country of operation	USA					

Share capital \$	\$ 100					
% Equity ratio	100.00%					
Consolidation or valuation method	F.C.					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Eighteen [Member] Eni Petroleum Co Inc						
Subsidiaries						
% Ownership	100.00%					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Nineteen [Member]						
Subsidiaries						
Company name	EniProgetti Egypt Ltd					
Registered office	Cairo (Egypt)					
Country of operation	Egypt					
Share capital ا.ج.		50,000	ا.ج.			
Consolidation or valuation method	Eq.					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Nineteen [Member] ENI SpA						
Subsidiaries						
% Ownership	1.00%					
Corporate and financial companies Foreign (outside Italy) Subsidiaries Nineteen [Member] Eni Progetti SpA						
Subsidiaries						
% Ownership	99.00%					
Other activities Italy Subsidiaries Twenty [Member]						
Subsidiaries						
Company name	Anic Partecipazioni SpA (in liquidation)					
Registered office	Gela (CL)					
Country of operation	Italy					
Share capital					23,519,847.16	
Consolidation or valuation method	Eq.					
Other activities Italy Subsidiaries Twenty [Member] Third parties						
Subsidiaries						
% Ownership	0.03%					
Other activities Italy Subsidiaries Twenty [Member] Eni Rewind SpA						
Subsidiaries						
% Ownership	99.97%					
Other activities Italy Subsidiaries Twenty One [Member]						
Subsidiaries						
Company name	Eni Rewind SpA					
Registered office	San Donato Milanese (MI)					
Country of operation	Italy					
Share capital					355,145,040.30	
% Equity ratio	100.00%					
Consolidation or valuation method	F.C.					
Other activities Italy Subsidiaries Twenty One [Member] ENI SpA						

Subsidiaries						
% Ownership	99.99%					
Other activities Italy Subsidiaries Twenty Two [Member]						
Subsidiaries						
Company name	Industria Siciliana Acido Fosforico - ISAF - SpA (in liquidation)					
Registered office	Gela (CL)					
Country of operation	Italy					
Share capital					1,300,000	
Consolidation or valuation method	Eq.					
Other activities Italy Subsidiaries Twenty Two [Member] Third parties						
Subsidiaries						
% Ownership	48.00%					
Other activities Italy Subsidiaries Twenty Two [Member] Eni Rewind SpA						
Subsidiaries						
% Ownership	52.00%					
Other activities Italy Subsidiaries Twenty Three [Member]						
Subsidiaries						
Company name	Ing. Luigi Conti Vecchi SpA					
Registered office	Assemini (CA)					
Country of operation	Italy					
Share capital					5,518,620.64	
% Equity ratio	100.00%					
Consolidation or valuation method	F.C.					
Other activities Italy Subsidiaries Twenty Three [Member] Eni Rewind SpA						
Subsidiaries						
% Ownership	100.00%					
Other activities Foreign (outside Italy) Subsidiaries Twenty Five [Member]						
Subsidiaries						
Company name	Eni Rewind International BV					
Registered office	Amsterdam (Netherlands)					
Country of operation	Netherlands					
Share capital					€ 20,000	
Consolidation or valuation method	Eq.					
Other activities Foreign (outside Italy) Subsidiaries Twenty Five [Member] Eni International BV						
Subsidiaries						
% Ownership	100.00%					
Other activities Foreign (outside Italy) Subsidiaries Twenty Six [Member]						
Subsidiaries						
Company name	Oleodotto del Reno SA					
Registered office	Coira (Switzerland)					
Country of operation	Switzerland					
Share capital SFr	SFr 1,550,000					

Consolidation or valuation method	Eq.					
Other activities Foreign (outside Italy) Subsidiaries Twenty Six [Member] Eni Rewind SpA						
Subsidiaries						
% Ownership	100.00%					

[illegible]

Registered office	Hamilton (Bermuda)
Country of operation	Angola
Share capital \$	\$ 9,952,000,000
Consolidation or valuation method	Eq.
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Three [Member] Third parties	
Joint arrangements and associates	
% Ownership	86.40%
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Three [Member] Eni Angola Prod BV	
Joint arrangements and associates	
% Ownership	13.60%
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Four [Member]	
Joint arrangements and associates	
Company name	Ashrafi Island Petroleum Co
Registered office	Cairo (Egypt)
Country of operation	Egypt
Share capital	20,000
Consolidation or valuation method	Co.
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Four [Member] Third parties	
Joint arrangements and associates	
% Ownership	75.00%
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Four [Member] leoc Production BV	
Joint arrangements and associates	
% Ownership	25.00%
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Five [Member]	
Joint arrangements and associates	
Company name	Barentsmorneftegaz Sàrl(†)
Registered office	Luxembourg (Luxembourg)
Country of operation	Russia
Share capital \$	20,000
Consolidation or valuation method	Eq.
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Five [Member] Third parties	
Joint arrangements and associates	
% Ownership	66.67%
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Five [Member] Eni Energy Russia BV	
Joint arrangements and associates	

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Registered office	Cairo (Egypt)
Country of operation	Egypt
Share capital	20,000
Consolidation or valuation method	Co.
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Thirty nine [Member] Third parties	
Joint arrangements and associates	
% Ownership	62.50%
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Thirty nine [Member] leoc Production BV	
Joint arrangements and associates	
% Ownership	37.50%
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Forty [Member]	
Joint arrangements and associates	
Company name	Rovuma Basin LNG Land Limitada(†)
Registered office	Maputo (Mozambique)
Country of operation	Mozambique
Share capital MT	140,000
Consolidation or valuation method	Co.
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Forty [Member] Third parties	
Joint arrangements and associates	
% Ownership	66.67%
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Forty [Member] Mozamb Rov V SpA	
Joint arrangements and associates	
% Ownership	33.33%
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Forty one [Member]	
Joint arrangements and associates	
Company name	Rovuma LNG Investments (DIFC) Ltd
Registered office	Dubai (United Arab Emirates)
Country of operation	Mozambique
Share capital \$	50,000
Consolidation or valuation method	Eq.
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Forty one [Member] Third parties	
Joint arrangements and associates	
% Ownership	75.00%
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Forty one [Member] Eni MozamLNG HBV	

Joint arrangements and associates													
% Ownership	25.00%												
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Forty two [Member]													
Joint arrangements and associates													
Company name	Rovuma LNG SA												
Registered office	Maputo (Mozambique)												
Country of operation	Mozambique												
Share capital MT	MT 100,000,000												
Consolidation or valuation method	Eq.												
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Forty two [Member] Third parties													
Joint arrangements and associates													
% Ownership	75.00%												
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Forty two [Member] Eni MozamLNG HBV													
Joint arrangements and associates													
% Ownership	25.00%												
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Forty three [Member]													
Joint arrangements and associates													
Company name	Shorouk Petroleum Company												
Registered office	Cairo (Egypt)												
Country of operation	Egypt												
Share capital	20,000												
Consolidation or valuation method	Co.												
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Forty three [Member] Third parties													
Joint arrangements and associates													
% Ownership	75.00%												
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Forty three [Member] leoc Production BV													
Joint arrangements and associates													
% Ownership	25.00%												
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Forty four [Member]													
Joint arrangements and associates													
Company name	Société Centrale Electrique du Congo SA												
Registered office	Pointe-Noire (Republic of the Congo)												
Country of operation	Republic of the Congo												
Share capital	44,732,000,000												
Consolidation or valuation method	Eq.												

[illegible]

[illegible]

Joint arrangements and associates													
% Ownership	69.85%												
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Fifty [Member]													
Joint arrangements and associates													
Company name	Vår Energi Marine AS												
Registered office	Sandnes (Norway)												
Country of operation	Norway												
Share capital kr								kr 61,000,000					
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Fifty [Member] Var Energi AS													
Joint arrangements and associates													
% Ownership	100.00%												
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Fifty one [Member]													
Joint arrangements and associates													
Company name	VIC CBM Ltd(†)												
Registered office	London (United Kingdom)												
Country of operation	Indonesia												
Share capital \$												52,315,912	
Consolidation or valuation method	Eq.												
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Fifty one [Member] Third parties													
Joint arrangements and associates													
% Ownership	50.00%												
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Fifty one [Member] Eni Lasmo Plc													
Joint arrangements and associates													
% Ownership	50.00%												
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Fifty two [Member]													
Joint arrangements and associates													
Company name	Virginia Indonesia Co CBM Ltd(†)												
Registered office	London (United Kingdom)												
Country of operation	Indonesia												
Share capital \$												\$ 25,631,640	
Consolidation or valuation method	Eq.												
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Fifty two [Member] Third parties													
Joint arrangements and associates													
% Ownership	50.00%												
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Fifty two [Member] Eni Lasmo Plc													
Joint arrangements and associates													

% Ownership	50.00%
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Fifty three [Member]	
Joint arrangements and associates	
Company name	West Ashrafi Petroleum Co(ت) (in liquidation)
Registered office	Cairo (Egypt)
Country of operation	Egypt
Share capital	20,000 .م.ج
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Fifty three [Member] Third parties	
Joint arrangements and associates	
% Ownership	50.00%
Exploration & Production Foreign (outside Italy) Joint Arrangement Or Associate Fifty three [Member] leoc Exploration BV	
Joint arrangements and associates	
% Ownership	50.00%

Other information about investments - Joint arrangements and associates - Global Gas & LNG Portfolio (Details)	12 Months Ended				
	Dec. 31, 2020 CHF (SFr)	Dec. 31, 2020 TND (دينار)	Dec. 31, 2020 USD (\$)	Dec. 31, 2020 EUR (€)	Dec. 31, 2019 EUR (€)
Joint arrangements and associates					
Share capital				€ 4,005,000,000	€ 4,005,000,000
ENI SpA					
Joint arrangements and associates					
Share capital				4,005,358,876	€ 4,005,358,876
Global Gas & LNG Portfolio Italy Joint Arrangement Or Associate One [Member]					
Joint arrangements and associates					
Company name	Mariconsult SpA(†)				
Registered office	Milan				
Country of operation	Italy				
Share capital				120,000	
Consolidation or valuation method	Eq.				
Global Gas & LNG Portfolio Italy Joint Arrangement Or Associate One [Member] ENI SpA					
Joint arrangements and associates					
% Ownership	50.00%				
Global Gas & LNG Portfolio Italy Joint Arrangement Or Associate One [Member] Third parties					
Joint arrangements and associates					
% Ownership	50.00%				
Global Gas & LNG Portfolio Italy Joint Arrangement Or Associate Two [Member]					
Joint arrangements and associates					
Company name	Transmed SpA(†)				
Registered office	Milan				
Country of operation	Italy				
Share capital				240,000	
Consolidation or valuation method	Eq.				
Global Gas & LNG Portfolio Italy Joint Arrangement Or Associate Two [Member] ENI SpA					
Joint arrangements and associates					
% Ownership	50.00%				
Global Gas & LNG Portfolio Italy Joint Arrangement Or Associate Two [Member] Third parties					
Joint arrangements and associates					
% Ownership	50.00%				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Three [Member]					
Joint arrangements and associates					
Company name	Angola LNG Supply Services Llc				
Registered office	Wilmington (USA)				
Country of operation	USA				
Share capital \$			\$ 19,278,782		
Consolidation or valuation method	Eq.				
Global Gas & LNG Portfolio Foreign (outside Italy)					

Joint Arrangement Or Associate Three [Member] Third parties					
Joint arrangements and associates					
% Ownership	86.40%				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Three [Member] Eni USA Gas M Llc [Member]					
Joint arrangements and associates					
% Ownership	13.60%				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Four [Member]					
Joint arrangements and associates					
Company name	Blue Stream Pipeline Co BV(†)				
Registered office	Amsterdam (Netherlands)				
Country of operation	Russia				
Share capital \$			22,000		
% Equity ratio	74.62%				
Consolidation or valuation method	J.O.				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Four [Member] Third parties					
Joint arrangements and associates					
% Ownership	50.00%				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Four [Member] Eni International BV					
Joint arrangements and associates					
% Ownership	50.00%				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Five [Member]					
Joint arrangements and associates					
Company name	GreenStream BV(†)				
Registered office	Amsterdam (Netherlands)				
Country of operation	Libya				
Share capital			200,000,000		
% Equity ratio	50.00%				
Consolidation or valuation method	J.O.				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Five [Member] Third parties					
Joint arrangements and associates					
% Ownership	50.00%				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Five [Member] Eni North Africa BV					
Joint arrangements and associates					
% Ownership	50.00%				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Six [Member]					
Joint arrangements and associates					
Company name	Premium Multiservices SA				
Registered office	Tunisi (Tunisia)				

Country of operation	Tunisia				
Share capital د.ت		200,000 د.ت			
Consolidation or valuation method	Eq.				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Six [Member] Third parties					
Joint arrangements and associates					
% Ownership	50.01%				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Six [Member] Sergaz SA [Member]					
Joint arrangements and associates					
% Ownership	49.99%				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Seven [Member]					
Joint arrangements and associates					
Company name	SAMCO Sagl				
Registered office	Lugano (Switzerland)				
Country of operation	Switzerland				
Share capital SFr	SFr 20,000				
Consolidation or valuation method	Eq.				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Seven [Member] Third parties					
Joint arrangements and associates					
% Ownership	5.00%				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Seven [Member] Eni International BV					
Joint arrangements and associates					
% Ownership	5.00%				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Seven [Member] Transmed Pip Co Ltd [Member]					
Joint arrangements and associates					
% Ownership	90.00%				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Eight [Member]					
Joint arrangements and associates					
Company name	Transmediterranean Pipeline Co Ltd(†)				
Registered office	St. Helier (Jersey)				
Country of operation	Jersey				
Share capital \$			\$ 10,310,000		
% Equity ratio	50.00%				
Consolidation or valuation method	J.O.				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Eight [Member] ENI SpA					
Joint arrangements and associates					
% Ownership	50.00%				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Eight [Member]					

Third parties					
Joint arrangements and associates					
% Ownership	50.00%				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Nine [Member]					
Joint arrangements and associates					
Company name	Unión Fenosa Gas SA(†)				
Registered office	Madrid (Spain)				
Country of operation	Spain				
Share capital				€ 32,772,000	
Consolidation or valuation method	Eq.				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Nine [Member] ENI SpA					
Joint arrangements and associates					
% Ownership	50.00%				
Global Gas & LNG Portfolio Foreign (outside Italy) Joint Arrangement Or Associate Nine [Member] Third parties					
Joint arrangements and associates					
% Ownership	50.00%				

Joint arrangements and associates										
% Ownership	50.00%									
Refining & Marketing Italy Joint Arrangement Or Associate Six [Member] Costiero Gas Liv SpA [Member]										
Joint arrangements and associates										
% Ownership	50.00%									
Refining & Marketing Italy Joint Arrangement Or Associate Seven [Member]										
Joint arrangements and associates										
Company name	Porto Petroli di Genova SpA									
Registered office	Genova									
Country of operation	Italy									
Share capital									2,068,000	
Consolidation or valuation method	Eq.									
Refining & Marketing Italy Joint Arrangement Or Associate Seven [Member] Third parties										
Joint arrangements and associates										
% Ownership	59.50%									
Refining & Marketing Italy Joint Arrangement Or Associate Seven [Member] Ecofuel SpA [Member]										
Joint arrangements and associates										
% Ownership	40.50%									
Refining & Marketing Italy Joint Arrangement Or Associate Eight [Member]										
Joint arrangements and associates										
Company name	Raffineria di Milazzo ScpA(†)									
Registered office	Milazzo (ME)									
Country of operation	Italy									
Share capital									171,143,000	
% Equity ratio	50.00%									
Consolidation or valuation method	J.O.									
Refining & Marketing Italy Joint Arrangement Or Associate Eight [Member] ENI SpA										
Joint arrangements and associates										
% Ownership	50.00%									
Refining & Marketing Italy Joint Arrangement Or Associate Eight [Member] Third parties										
Joint arrangements and associates										
% Ownership	50.00%									
Refining & Marketing Italy Joint Arrangement Or Associate Nine [Member]										
Joint arrangements and associates										
Company name	Seram SpA									
Registered office	Fiumicino (RM)									
Country of operation	Italy									
Share capital									852,000	
Consolidation or valuation method	Eq.									
Refining & Marketing Italy Joint Arrangement Or Associate Nine [Member] ENI SpA										
Joint arrangements and associates										

Arrangement Or Associate Fifteen [Member] Third parties										
Joint arrangements and associates										
% Ownership	80.00%									
Refining & Marketing Foreign (outside Italy) Joint Arrangement Or Associate Fifteen [Member] Eni Deutsch GmbH										
Joint arrangements and associates										
% Ownership	20.00%									
Refining & Marketing Foreign (outside Italy) Joint Arrangement Or Associate Sixteen [Member]										
Joint arrangements and associates										
Company name	City Carburoil SA(†)									
Registered office	Rivera (Switzerland)									
Country of operation	Switzerland									
Share capital SFr			SFr 6,000,000							
Consolidation or valuation method	Eq.									
Refining & Marketing Foreign (outside Italy) Joint Arrangement Or Associate Sixteen [Member] Third parties										
Joint arrangements and associates										
% Ownership	50.09%									
Refining & Marketing Foreign (outside Italy) Joint Arrangement Or Associate Sixteen [Member] Eni Suisse SA [Member]										
Joint arrangements and associates										
% Ownership	49.91%									
Refining & Marketing Foreign (outside Italy) Joint Arrangement Or Associate Seven teen [Member]										
Joint arrangements and associates										
Company name	Egyptian International Gas Technology Co									
Registered office	Cairo (Egypt)									
Country of operation	Egypt									
Share capital ج.م.					100,000,000 ج.م.					
Consolidation or valuation method	Co.									
Refining & Marketing Foreign (outside Italy) Joint Arrangement Or Associate Seven teen [Member] Third parties										
Joint arrangements and associates										
% Ownership	60.00%									
Refining & Marketing Foreign (outside Italy) Joint Arrangement Or Associate Seven teen [Member] Eni International BV										
Joint arrangements and associates										
% Ownership	40.00%									
Refining & Marketing Foreign (outside Italy) Joint Arrangement Or Associate Eight teen [Member]										
Joint arrangements and associates										
Company name	ENEOS Italsing Pte Ltd									
Registered office	Singapore (Singapore)									
Country of operation	Singapore									
Share capital \$						\$ 12,000,000				

Joint arrangements and associates											
% Ownership	21.90%										
Chemicals Italy Joint Arrangement Or Associate Twenty six [Member] Versalis SpA [Member]											
Joint arrangements and associates											
% Ownership	49.00%										
Chemicals Italy Joint Arrangement Or Associate Twenty six [Member] Eni Rewind SpA											
Joint arrangements and associates											
% Ownership	20.20%										
Chemicals Italy Joint Arrangement Or Associate Twenty six [Member] EniPower SpA											
Joint arrangements and associates											
% Ownership	8.90%										
Chemicals Italy Joint Arrangement Or Associate Twenty seven [Member]											
Joint arrangements and associates											
Company name	Finproject SpA										
Registered office	Morrovalle (MC)										
Country of operation	Italy										
Share capital									18,500,000		
Consolidation or valuation method	Eq.										
Chemicals Italy Joint Arrangement Or Associate Twenty seven [Member] Third parties											
Joint arrangements and associates											
% Ownership	60.00%										
Chemicals Italy Joint Arrangement Or Associate Twenty seven [Member] Versalis SpA [Member]											
Joint arrangements and associates											
% Ownership	40.00%										
Chemicals Italy Joint Arrangement Or Associate Twenty eight [Member]											
Joint arrangements and associates											
Company name	IFM Ferrara ScpA										
Registered office	Ferrara										
Country of operation	Italy										
Share capital									5,270,466		
Consolidation or valuation method	Eq.										
Chemicals Italy Joint Arrangement Or Associate Twenty eight [Member] Third parties											
Joint arrangements and associates											
% Ownership	57.98%										
Chemicals Italy Joint Arrangement Or Associate Twenty eight [Member] S.E.F. Srl [Member]											
Joint arrangements and associates											
% Ownership	10.70%										
Chemicals Italy Joint Arrangement Or Associate Twenty eight [Member] Versalis SpA [Member]											
Joint arrangements and associates											
% Ownership	19.74%										
Chemicals Italy Joint Arrangement Or Associate											

[illegible]

Joint arrangements and associates										
Company name	VPM Oilfield Specialty Chemicals Llc (†)									
Registered office	Abu Dhabi (United Arab Emirates)									
Country of operation	United Arab Emirates									
Share capital ا.د.		1,000,000 ا.د.								
Consolidation or valuation method	Eq.									
Chemicals Foreign (outside Italy) Joint Arrangement Or Associate Thirty four [Member] Third parties										
Joint arrangements and associates										
% Ownership		51.00%								
Chemicals Foreign (outside Italy) Joint Arrangement Or Associate Thirty four [Member] Versalis SpA [Member]										
Joint arrangements and associates										
% Ownership		49.00%								

Other information about investments - Joint arrangements and associates - Eni gas e luce, Power, Renewables (Details)	12 Months Ended			
	Dec. 31, 2020 TND (ت.د.)	Dec. 31, 2020 USD (\$)	Dec. 31, 2020 EUR (€)	Dec. 31, 2019 EUR (€)
Disclosure of detailed information about joint arrangements and associates [Line Items]				
Share capital			€ 4,005,000,000	€ 4,005,000,000
ENI SpA				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
Share capital			4,005,358,876	€ 4,005,358,876
Eni gas e luce Italy Joint Arrangement Or Associate One [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
Company name	E-Prosume Srl (†)			
Registered office	Milan			
Country of operation	Italy			
Share capital			100,000	
Consolidation or valuation method	Eq.			
Eni gas e luce Italy Joint Arrangement Or Associate One [Member] Evolvere Venture Spa [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	50.00%			
Eni gas e luce Italy Joint Arrangement Or Associate One [Member] Third parties				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	50.00%			
Eni gas e luce Italy Joint Arrangement Or Associate Two [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
Company name	Evogy Srl			
Registered office	Seriate (BG)			
Country of operation	Italy			
Share capital			10,000	
Consolidation or valuation method	Eq.			
Eni gas e luce Italy Joint Arrangement Or Associate Two [Member] Evolvere Venture Spa [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	40.00%			
Eni gas e luce Italy Joint Arrangement Or Associate Two [Member] Third parties				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	60.00%			
Eni gas e luce Italy Joint Arrangement Or Associate Three [Member]				

Disclosure of detailed information about joint arrangements and associates [Line Items]				
Company name	PV Family Srl			
Registered office	Cagliari			
Country of operation	Italy			
Share capital			131,200	
Consolidation or valuation method	Eq.			
Eni gas e luce Italy Joint Arrangement Or Associate Three [Member] Third parties				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	76.22%			
Eni gas e luce Italy Joint Arrangement Or Associate Three [Member] Evolvere SpA Soc Ben [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	23.78%			
Eni gas e luce Italy Joint Arrangement Or Associate Four [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
Company name	Renewable Dispatching Srl			
Registered office	Milan			
Country of operation	Italy			
Share capital			49,000	
Consolidation or valuation method	Eq.			
Eni gas e luce Italy Joint Arrangement Or Associate Four [Member] Evolvere Venture Spa [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	40.00%			
Eni gas e luce Italy Joint Arrangement Or Associate Four [Member] Third parties				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	60.00%			
Eni gas e luce Italy Joint Arrangement Or Associate Five [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
Company name	Tate Srl			
Registered office	Bologna			
Country of operation	Italy			
Share capital			408,509.29	
Consolidation or valuation method	Eq.			
Eni gas e luce Italy Joint Arrangement Or Associate Five [Member] Evolvere Venture Spa [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	20.00%			
Eni gas e luce Italy Joint Arrangement Or Associate Five [Member] Third parties				

Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership		80.00%		
Eni gas e luce Foreign (outside Italy) Joint Arrangement Or Associate Seven [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
Company name		Gas Distribution Company of Thessaloniki - Thessaly SA (†)		
Registered office		Ampelokipi-Menemeni (Greece)		
Country of operation		Greece		
Share capital			247,127,605	
Consolidation or valuation method		Eq.		
Eni gas e luce Foreign (outside Italy) Joint Arrangement Or Associate Seven [Member] Eni gas e luce SPA				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership		49.00%		
Eni gas e luce Foreign (outside Italy) Joint Arrangement Or Associate Seven [Member] Third parties				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership		51.00%		
Eni gas e luce Foreign (outside Italy) Joint Arrangement Or Associate Eight [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
Company name		OVO Energy (France) SAS		
Registered office		Paris (France)		
Country of operation		France		
Share capital			66,666.66	
Consolidation or valuation method		Eq.		
Eni gas e luce Foreign (outside Italy) Joint Arrangement Or Associate Eight [Member] Eni gas e luce SPA				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership		25.00%		
Eni gas e luce Foreign (outside Italy) Joint Arrangement Or Associate Eight [Member] Third parties				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership		75.00%		
Power Italy Joint Arrangement Or Associate Nine [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
Company name		Società EniPower Ferrara Srl (†)		
Registered office		San Donato Milanese (MI)		
Country of operation		Italy		
Share capital			€ 140,000,000	

Consolidation or valuation method	Eq.			
Power Italy Joint Arrangement Or Associate Nine [Member] Third parties				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	49.00%			
Power Italy Joint Arrangement Or Associate Nine [Member] EniPower SpA				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	51.00%			
Renewables Foreign (outside Italy) Joint Arrangement Or Associate Ten [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
Company name	Ayla Energy Ltd (†)			
Registered office	London (United Kingdom)			
Country of operation	United Kingdom			
Share capital \$		\$ 1,000		
Consolidation or valuation method	Eq.			
Renewables Foreign (outside Italy) Joint Arrangement Or Associate Ten [Member] Eni En Solutions BV [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	50.00%			
Renewables Foreign (outside Italy) Joint Arrangement Or Associate Ten [Member] Third parties				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	50.00%			
Renewables Foreign (outside Italy) Joint Arrangement Or Associate Eleven [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
Company name	Novis Renewables Holdings Llc			
Registered office	Wilmington (USA)			
Country of operation	USA			
Share capital \$		100		
Consolidation or valuation method	Eq.			
Renewables Foreign (outside Italy) Joint Arrangement Or Associate Eleven [Member] Eni New Energy US [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	49.00%			
Renewables Foreign (outside Italy) Joint Arrangement Or Associate Eleven [Member] Third parties				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	51.00%			

Renewables Foreign (outside Italy) Joint Arrangement Or Associate Twelve [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
Company name	Novis Renewables Llc (†)			
Registered office	Wilmington (USA)			
Country of operation	USA			
Share capital \$		100		
Consolidation or valuation method	Eq.			
Renewables Foreign (outside Italy) Joint Arrangement Or Associate Twelve [Member] Eni New Energy US [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	50.00%			
Renewables Foreign (outside Italy) Joint Arrangement Or Associate Twelve [Member] Third parties				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	50.00%			
Renewables Foreign (outside Italy) Joint Arrangement Or Associate Thirteen [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
Company name	Société Energies Renouvelables Eni-ETAP SA (†)			
Registered office	Tunisi (Tunisia)			
Country of operation	Tunisia			
Share capital د.ت	1,000,000	د.ت		
Consolidation or valuation method	Eq.			
Renewables Foreign (outside Italy) Joint Arrangement Or Associate Thirteen [Member] Third parties				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	50.00%			
Renewables Foreign (outside Italy) Joint Arrangement Or Associate Thirteen [Member] Eni International BV				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	50.00%			
Renewables Foreign (outside Italy) Joint Arrangement Or Associate Fourteen [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
Company name	Solenova Ltd (†)			
Registered office	London (United Kingdom)			
Country of operation	United Kingdom			
Share capital \$		\$ 1,580,000		
Consolidation or valuation method	Eq.			
Renewables Foreign (outside Italy) Joint Arrangement Or Associate Fourteen [Member] Eni En				

Solutions BV [Member]				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	50.00%			
Renewables Foreign (outside Italy) Joint Arrangement Or Associate Fourteen [Member] Third parties				
Disclosure of detailed information about joint arrangements and associates [Line Items]				
% Ownership	50.00%			

Other information about investments - Joint arrangements and associates - Corporate and other activities (Details)	12 Months Ended			
	Dec. 31, 2020 KZT (₸)	Dec. 31, 2020 USD (\$)	Dec. 31, 2020 EUR (€)	Dec. 31, 2019 EUR (€)
Joint arrangements and associates				
Share capital			€ 4,005,000,000	€ 4,005,000,000
ENI SpA				
Joint arrangements and associates				
Share capital			4,005,358,876	€ 4,005,358,876
Corporate and financial companies Italy Joint Arrangement Or Associate One [Member]				
Joint arrangements and associates				
Company name	Consorzio per l'attuazione del Progetto Divertor Tokamak Test DTT Scarl (†)			
Registered office	Frascati (RM)			
Country of operation	Italy			
Share capital			1,000,000	
Consolidation or valuation method	Co.			
Corporate and financial companies Italy Joint Arrangement Or Associate One [Member] ENI SpA				
Joint arrangements and associates				
% Ownership	25.00%			
Corporate and financial companies Italy Joint Arrangement Or Associate One [Member] Third parties				
Joint arrangements and associates				
% Ownership	75.00%			
Corporate and financial companies Italy Joint Arrangement Or Associate Two [Member]				
Joint arrangements and associates				
Company name	Saipem SpA (#) (†)			
Registered office	San Donato Milanese (MI)			
Country of operation	Italy			
Share capital			2,191,384,693	
Consolidation or valuation method	Eq.			
Corporate and financial companies Italy Joint Arrangement Or Associate Two [Member] ENI SpA				
Joint arrangements and associates				
% Ownership	30.54%			
% Equity ratio	31.08%			
Corporate and financial companies Italy Joint Arrangement Or Associate Two [Member] Third parties				
Joint arrangements and associates				
% Ownership	67.73%			
% Equity ratio	68.92%			
Corporate and financial companies Italy Joint Arrangement Or Associate Two [Member] Saipem SpA				
Joint arrangements and associates				
% Ownership	1.73%			

Corporate and financial companies Foreign (outside Italy) Joint Arrangement Or Associate Three [Member]				
Joint arrangements and associates				
Company name	Commonwealth Fusion Systems LLC			
Registered office	Wilmington (USA)			
Country of operation	USA			
Share capital \$		\$ 215,000,515		
Consolidation or valuation method	Eq.			
Corporate and financial companies Foreign (outside Italy) Joint Arrangement Or Associate Four [Member]				
Joint arrangements and associates				
Company name	CZero Inc			
Registered office	Wilmington (USA)			
Country of operation	USA			
Share capital \$		8,116,660.78		
Consolidation or valuation method	Eq.			
Corporate and financial companies Foreign (outside Italy) Joint Arrangement Or Associate Five [Member]				
Joint arrangements and associates				
Company name	Form Energy Inc			
Registered office	Sommerville (USA)			
Country of operation	USA			
Share capital \$		\$ 124,001,561.31		
Consolidation or valuation method	Eq.			
Corporate and financial companies Foreign (outside Italy) Joint Arrangement Or Associate Six [Member]				
Joint arrangements and associates				
Company name	Tecninco Engineering Contractors Llp (†)			
Registered office	Aksai (Kazakhstan)			
Country of operation	Kazakhstan			
Share capital ₸		₸ 29,478,455.00		
Consolidation or valuation method	Eq.			
Corporate and financial companies Foreign (outside Italy) Joint Arrangement Or Associate Six [Member] Eni Next Llc				
Joint arrangements and associates				
% Ownership		49.00%		
Corporate and financial companies Foreign (outside Italy) Joint Arrangement Or Associate Six [Member] Third parties				
Joint arrangements and associates				
% Ownership		51.00%		
Other activities Italy Joint Arrangement Or Associate Seven [Member]				
Joint arrangements and associates				
Company name	Progetto Nuraghe Scarl			
Registered office	Porto Torres (SS)			
Country of operation	Italy			
Share capital			€ 10,000	
Consolidation or valuation method	Eq.			

Other activities Italy Joint Arrangement Or Associate Seven [Member] Eni Rewind SpA				
Joint arrangements and associates				
% Ownership	48.55%			
Other activities Italy Joint Arrangement Or Associate Seven [Member] Third parties				
Joint arrangements and associates				
% Ownership	51.45%			

Other information about investments - Other significant investments - Exploration & Production (Details)	12 Months Ended						
	Dec. 31, 2020 AUD (\$)	Dec. 31, 2020 AOA (Kz)	Dec. 31, 2020 EGP (ج.ع.م.)	Dec. 31, 2020 VEF ()	Dec. 31, 2020 USD (\$)	Dec. 31, 2020 EUR (€)	Dec. 31, 2019 EUR (€)
Other significant investments							
Share capital €						€ 4,005,000,000	€ 4,005,000,000
ENI SpA							
Other significant investments							
Share capital €						4,005,358,876	€ 4,005,358,876
Exploration & Production Italy Other significant investments One [member]							
Other significant investments							
Company name	Consorzio Universitario in Ingegneria per la Qualità e l'Innovazione						
Registered office	Pisa						
Country of operation	Italy						
Share capital €						136,000	
Consolidation or valuation method	F.V.						
Exploration & Production Italy Other significant investments One [member] ENI SpA							
Other significant investments							
% Ownership	20.00%						
Exploration & Production Italy Other significant investments One [member] Third parties							
Other significant investments							
% Ownership	80.00%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Three [Member]							
Other significant investments							
Company name	Administradora del Golfo de Paria Este SA						
Registered office	Caracas (Venezuela)						
Country of operation	Venezuela						
Share capital				0.001			
Consolidation or valuation method	F.V.						
Exploration & Production Foreign (outside Italy) Other Significant Investments Three [Member] Eni Venezuela BV							
Other significant investments							
% Ownership	19.50%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Three [Member] Third parties							
Other significant investments							
% Ownership	80.50%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Four [Member]							
Other significant investments							
Company name	Brass LNG Ltd						
Registered office	Lagos (Nigeria)						
Country of operation	Nigeria						
Share capital \$					\$ 1,000,000		

Consolidation or valuation method	F.V.						
Exploration & Production Foreign (outside Italy) Other Significant Investments Four [Member] Third parties							
Other significant investments							
% Ownership	79.52%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Four [Member] Eni Int. NA NV Srl [Member]							
Other significant investments							
% Ownership	20.48%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Five [Member]							
Other significant investments							
Company name	Darwin LNG Pty Ltd						
Registered office	West Perth (Australia)						
Country of operation	Australia						
Share capital \$	\$ 187,569,921.42						
Consolidation or valuation method	F.V.						
Exploration & Production Foreign (outside Italy) Other Significant Investments Five [Member] Third parties							
Other significant investments							
% Ownership	89.01%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Five [Member] Eni G&P LNG Aus. BV [Member]							
Other significant investments							
% Ownership	10.99%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Six [Member]							
Other significant investments							
Company name	New Liberty Residential Co Llc						
Registered office	West Trenton (USA)						
Country of operation	USA						
Share capital \$					0		
Consolidation or valuation method	F.V.						
Exploration & Production Foreign (outside Italy) Other Significant Investments Six [Member] Third parties							
Other significant investments							
% Ownership	82.50%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Six [Member] Eni Oil & Gas Inc [Member]							
Other significant investments							
% Ownership	17.50%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Seven [Member]							
Other significant investments							
Company name	Nigeria LNG Ltd						
Registered office	Port Harcourt (Nigeria)						

Country of operation	Nigeria						
Share capital \$					\$ 1,138,207,000		
Consolidation or valuation method	F.V.						
Exploration & Production Foreign (outside Italy) Other Significant Investments Seven [Member] Third parties							
Other significant investments							
% Ownership	89.60%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Seven [Member] Eni Int. NA NV Srl [Member]							
Other significant investments							
% Ownership	10.40%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Eight [Member]							
Other significant investments							
Company name	North Caspian Operating Company NV						
Registered office	The Hague (Netherlands)						
Country of operation	Kazakhstan						
Share capital €						€ 128,520	
Consolidation or valuation method	F.V.						
Exploration & Production Foreign (outside Italy) Other Significant Investments Eight [Member] Third parties							
Other significant investments							
% Ownership	83.19%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Eight [Member] Agip Caspian Sea BV [Member]							
Other significant investments							
% Ownership	16.81%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Nine [Member]							
Other significant investments							
Company name	OPCO - Sociedade Operacional Angola LNG SA						
Registered office	Luanda (Angola)						
Country of operation	Angola						
Share capital Kz					Kz 7,400,000		
Consolidation or valuation method	F.V.						
Exploration & Production Foreign (outside Italy) Other Significant Investments Nine [Member] Third parties							
Other significant investments							
% Ownership	86.40%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Nine [Member] Eni Angola Prod.BV [Member]							
Other significant investments							
% Ownership	13.60%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Ten [Member]							
Other significant investments							

Company name	Petrolera Güiria SA						
Registered office	Caracas (Venezuela)						
Country of operation	Venezuela						
Share capital				10			
Consolidation or valuation method	F.V.						
Exploration & Production Foreign (outside Italy) Other Significant Investments Ten [Member] Eni Venezuela BV							
Other significant investments							
% Ownership	19.50%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Ten [Member] Third parties							
Other significant investments							
% Ownership	80.50%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Eleven [Member]							
Other significant investments							
Company name	SOMG - Sociedade de Operações e Manutenção de Gasodutos SA						
Registered office	Luanda (Angola)						
Country of operation	Angola						
Share capital Kz		Kz 7,400,000					
Consolidation or valuation method	F.V.						
Exploration & Production Foreign (outside Italy) Other Significant Investments Eleven [Member] Third parties							
Other significant investments							
% Ownership	89.43%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Eleven [Member] Eni Angola Prod.BV [Member]							
Other significant investments							
% Ownership	10.57%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Twelve [Member]							
Other significant investments							
Company name	Torsina Oil Co						
Registered office	Cairo (Egypt)						
Country of operation	Egypt						
Share capital م.ج.		20,000					
Consolidation or valuation method	F.V.						
Exploration & Production Foreign (outside Italy) Other Significant Investments Twelve [Member] Third parties							
Other significant investments							
% Ownership	87.50%						
Exploration & Production Foreign (outside Italy) Other Significant Investments Twelve [Member] Ieoc Production BV							
Other significant investments							
% Ownership	12.50%						

Other information about investments - Other significant investments - Global Gas & LNG Portfolio (Details) - EUR (€)	12 Months Ended	
	Dec. 31, 2020	Dec. 31, 2019
Other significant investments		
Share capital	€ 4,005,000,000	€ 4,005,000,000
Global Gas & LNG Portfolio Foreign (outside Italy) Other significant investments One [member]		
Other significant investments		
Company name	Norsea Gas GmbH	
Registered office	Emden (Germany)	
Country of operation	Germany	
Share capital	€ 1,533,875.64	
Consolidation or valuation method	F.V.	
Global Gas & LNG Portfolio Foreign (outside Italy) Other significant investments One [member] Eni International BV		
Other significant investments		
% Ownership	13.04%	
Global Gas & LNG Portfolio Foreign (outside Italy) Other significant investments One [member] Third parties		
Other significant investments		
% Ownership	86.96%	

Other information about investments - Other significant investments - Refining & Marketing and Chemical & Corporate and other activities (Details)	12 Months Ended					
	Dec. 31, 2020 GHS (GH¢)	Dec. 31, 2020 CHF (SFr)	Dec. 31, 2020 GBP (£)	Dec. 31, 2020 USD (\$)	Dec. 31, 2020 EUR (€)	Dec. 31, 2019 EUR (€)
Other significant investments						
Share capital					€ 4,005,000,000	€ 4,005,000,000
ENI SpA						
Other significant investments						
Share capital					4,005,358,876	€ 4,005,358,876
Refining & Marketing Italy Other significant investments One [member]						
Other significant investments						
Company name	Società Italiana Oleodotti di Gaeta SpA(4)					
Registered office	Rome					
Country of operation	Italy					
Share capital					360,000,000	
Consolidation or valuation method	F.V.					
Refining & Marketing Italy Other significant investments One [member] Third parties						
Other significant investments						
% Ownership	27.52%					
Refining & Marketing Italy Other significant investments One [member] ENI SpA						
Other significant investments						
% Ownership	72.48%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Two [Member]						
Other significant investments						
Company name	BFS Berlin Fuelling Services GbR					
Registered office	Hamburg (Germany)					
Country of operation	Germany					
Share capital					89,199	
Consolidation or valuation method	F.V.					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Two [Member] Eni Deutsch.GmbH [Member]						
Other significant investments						
% Ownership	12.50%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Two [Member] Third parties						
Other significant investments						
% Ownership	87.50%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Three [Member]						
Other significant investments						
Company name	Compania de Economia Mixta 'Austrogas'					
Registered office	Cuenca (Ecuador)					
Country of operation	Ecuador					
Share capital \$				\$ 5,665,329		

Consolidation or valuation method	F.V.					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Three [Member] Third parties						
Other significant investments						
% Ownership	86.62%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Three [Member] Eni Ecuador SA [Member]						
Other significant investments						
% Ownership	13.38%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Four [Member]						
Other significant investments						
Company name	Dépôt Pétrolier de Fos SA					
Registered office	Fos-Sur-Mer (France)					
Country of operation	France					
Share capital					3,954,196.40	
Consolidation or valuation method	F.V.					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Four [Member] Third parties						
Other significant investments						
% Ownership	83.19%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Four [Member] Eni France Sarl [Member]						
Other significant investments						
% Ownership	16.81%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Five [Member]						
Other significant investments						
Company name	Dépôt Pétrolier de la Côte d'Azur SAS					
Registered office	Nanterre (France)					
Country of operation	France					
Share capital					207,500	
Consolidation or valuation method	F.V.					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Five [Member] Third parties						
Other significant investments						
% Ownership	82.00%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Five [Member] Eni France Sarl [Member]						
Other significant investments						
% Ownership	18.00%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Six [Member]						
Other significant investments						
Company name	Joint Inspection Group Ltd					
Registered office	London (United Kingdom)					
Country of operation	United Kingdom					
Share capital £						£ 0

Consolidation or valuation method	F.V.					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Six [Member] Third parties						
Other significant investments						
% Ownership	87.50%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Six [Member] ENI SpA						
Other significant investments						
% Ownership	12.50%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Seven [Member]						
Other significant investments						
Company name	Saudi European Petrochemical Co "IBN ZAHR"					
Registered office	Al Jubail (Saudi Arabia)					
Country of operation	Saudi Arabia					
Share capital \$				\$ 1,200,000,000		
Consolidation or valuation method	F.V.					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Seven [Member] Third parties						
Other significant investments						
% Ownership	90.00%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Seven [Member] Ecofuel SpA [Member]						
Other significant investments						
% Ownership	10.00%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Eight [Member]						
Other significant investments						
Company name	S.I.P.G. Société Immobilière Pétrolière de Gestion Snc					
Registered office	Tremblay-En-France (France)					
Country of operation	France					
Share capital					40,000	
Consolidation or valuation method	F.V.					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Eight [Member] Third parties						
Other significant investments						
% Ownership	87.50%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Eight [Member] Eni France Sarl [Member]						
Other significant investments						
% Ownership	12.50%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Nine [Member]						
Other significant investments						
Company name	Sistema Integrado de Gestion de Aceites Usados					
Registered office	Madrid (Spain)					
Country of operation	Spain					
Share capital					175,713	

Consolidation or valuation method	F.V.					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Nine [Member] Third parties						
Other significant investments						
% Ownership	84.56%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Nine [Member] Eni Iberia SLU [Member]						
Other significant investments						
% Ownership	15.44%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Ten [Member]						
Other significant investments						
Company name	Tanklager - Gesellschaft Tegel (TGT) GbR					
Registered office	Hamburg (Germany)					
Country of operation	Germany					
Share capital					4,953	
Consolidation or valuation method	F.V.					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Ten [Member] Eni Deutsch.GmbH [Member]						
Other significant investments						
% Ownership	12.50%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Ten [Member] Third parties						
Other significant investments						
% Ownership	87.50%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Eleven [Member]						
Other significant investments						
Company name	TAR - Tankanlage Ruemlang AG					
Registered office	Ruemlang (Switzerland)					
Country of operation	Switzerland					
Share capital SFr		SFr 3,259,500				
Consolidation or valuation method	F.V.					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Eleven [Member] Third parties						
Other significant investments						
% Ownership	83.73%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Eleven [Member] Eni Suisse SA [Member]						
Other significant investments						
% Ownership	16.27%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Twelve [Member]						
Other significant investments						
Company name	Tema Lube Oil Co Ltd					
Registered office	Accra (Ghana)					
Country of operation	Ghana					
Share capital GH¢		GH¢ 258,309				

Consolidation or valuation method	F.V.					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Twelve [Member] Third parties						
Other significant investments						
% Ownership	88.00%					
Refining & Marketing Foreign (outside Italy) Other Significant Investments Twelve [Member] Eni International BV						
Other significant investments						
% Ownership	12.00%					
Chemicals Italy Other Significant Investments Thirteen [Member]						
Other significant investments						
Company name	Novamont SpA					
Registered office	Novara					
Country of operation	Italy					
Share capital					13,333,500	
Consolidation or valuation method	F.V.					
Chemicals Italy Other Significant Investments Thirteen [Member] Third parties						
Other significant investments						
% Ownership	75.00%					
Chemicals Italy Other Significant Investments Thirteen [Member] Versalis SpA [Member]						
Other significant investments						
% Ownership	25.00%					
Other activities Italy Other significant investments One [member]						
Other significant investments						
Company name	Ottana Sviluppo ScpA (in bankruptcy)					
Registered office	Nuoro					
Country of operation	Italy					
Share capital					€516,000	
Consolidation or valuation method	F.V.					
Other activities Italy Other significant investments One [member] Third parties						
Other significant investments						
% Ownership	70.00%					
Other activities Italy Other significant investments One [member] Eni Rewind SpA [Member]						
Other significant investments						
% Ownership	30.00%					

Other information about investments - Principal joint ventures, joint operations and associates (Details)	12 Months Ended		
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Var Energi AS			
Disclosure of detailed information about investments			
Company name	Vår Energi AS		
Registered office	Forus (Norway)		
Country of operation	Norway		
Business segment	Exploration & Production		
% ownership interest	69.85%		69.60%
Eni's % of the investment	69.85%	69.60%	
Saipem SpA			
Disclosure of detailed information about investments			
Company name	Saipem SpA		
Registered office	San Donato Milanese (MI) (Italy)		
Country of operation	Italy		
Business segment	Corporate and financial companies		
% ownership interest	30.54%		
Eni's % of the investment	31.08%	30.99%	
Union Fenosa Gas SA			
Disclosure of detailed information about investments			
Company name	Unión Fenosa Gas SA		
Registered office	Madrid (Spain)		
Country of operation	Spain		
Business segment	Global Gas & LNG Portfolio		
% ownership interest	50.00%		
Eni's % of the investment	50.00%	50.00%	
Cardon IV SA			
Disclosure of detailed information about investments			
Company name	Cardón IV SA		
Registered office	Caracas (Venezuela)		
Country of operation	Venezuela		
Business segment	Exploration & Production		
% ownership interest	50.00%		
Eni's % of the investment	50.00%	50.00%	
Gas Distribution Company of Thessaloniki Thessaly SA			
Disclosure of detailed information about investments			
Company name	Gas Distribution Company of Thessaloniki - Thessaly SA		
Registered office	Ampelokipi- Menemeni (Greece)		
Country of operation	Greece		
Business segment	Eni gas e luce		
% ownership interest	49.00%		
Eni's % of the investment	49.00%	49.00%	
Abu Dhabi Oil Refining Co			
Disclosure of detailed information about investments			
Company name	Abu Dhabi Oil Refining Co (Takreer)		

Registered office	Abu Dhabi (United Arab Emirates)		
Country of operation	United Arab Emirates		
Business segment	Refining & Marketing		
% ownership interest	20.00%		
Eni's % of the investment	20.00%	20.00%	
Angola LNG Ltd			
Disclosure of detailed information about investments			
Company name	Angola LNG Ltd		
Registered office	Hamilton (Bermuda)		
Country of operation	Angola		
Business segment	Exploration & Production		
% ownership interest	13.60%		
Eni's % of the investment	13.60%	13.60%	
Coral FLNG SA			
Disclosure of detailed information about investments			
Company name	Coral FLNG SA		
Registered office	Maputo (Mozambique)		
Country of operation	Mozambique		
Business segment	Exploration & Production		
% ownership interest	25.00%		
Eni's % of the investment	25.00%	25.00%	
Mozambique Rovuma Venture SpA			
Disclosure of detailed information about investments			
Company name	Mozambique Rovuma Venture SpA		
Registered office	San Donato Milanese (MI) (Italy)		
Country of operation	Mozambique		
Business segment	Exploration & Production		
% ownership interest	35.71%		
Eni's % of the investment	35.71%		
GreenStream BV			
Disclosure of detailed information about investments			
Company name	GreenStream BV		
Registered office	Amsterdam (Netherlands)		
Country of operation	Libya		
Business segment	Global Gas & LNG Portfolio		
% ownership interest	50.00%		
Eni's % of the investment	50.00%		

Other information about investments - Profit and loss and balance sheet related to the principal joint ventures (Details) - EUR (€) €in Millions	12 Months Ended			Dec. 31, 2017
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018	
Disclosure of detailed information about investments				
Non-current assets	€ 76,746	€ 88,513		
Total assets	109,648	123,440		
Non-current liabilities	48,464	45,896		
Total liabilities	72,155	75,540		
Net equity	37,493	47,900	€ 51,073	€ 48,079
Book value of the investment	6,749	9,035	7,044	
Revenues and other income	44,947	71,041	76,938	
Operating profit (loss)	(3,275)	6,432	9,983	
Finance income (expense)	(1,045)	(879)	(971)	
Income (expense) from investments	(1,658)	193	1,095	
Profit (loss) before income taxes	(5,978)	5,746	10,107	
Income taxes	(2,650)	(5,591)	(5,970)	
Net profit (loss)	(8,628)	155	4,137	
Other comprehensive income (loss)	(2,780)	69	1,576	
Total other comprehensive income (loss)	(11,408)	224	5,713	
Net profit (loss) attributable to Eni	(8,635)	148	€ 4,126	
Var Energi AS				
Disclosure of detailed information about investments				
Current assets	804	1,385		
- of which cash and cash equivalent	222	182		
Non-current assets	16,042	18,427		
Total assets	16,846	19,812		
Current liabilities	189	2,374		
- current financial liabilities	33	33		
Non-current liabilities	15,019	13,820		
- non-current financial liabilities	4,389	3,929		
Total liabilities	15,208	16,194		
Net equity	€ 1,638	€ 3,618		
Eni's % of the investment	69.85%	69.60%		
Book value of the investment	€ 1,144	€ 2,518		
Revenues and other income	2,450	2,552		
Operating expense	(980)	(1,015)		
Depreciation, amortization and impairments	(3,425)	(1,208)		
Operating profit (loss)	(1,955)	329		
Finance income (expense)	31	(1)		
Profit (loss) before income taxes	(1,924)	328		
Income taxes	(603)	(258)		
Net profit (loss)	(1,321)	70		
Other comprehensive income (loss)	(273)	40		
Total other comprehensive income (loss)	(1,594)	110		
Net profit (loss) attributable to Eni	(918)	49		
Dividends received from the joint venture	274	1,057		

Saipem SpA				
Disclosure of detailed information about investments				
Current assets	6,411	7,012		
- of which cash and cash equivalent	1,687	2,272		
Non-current assets	4,831	5,997		
Total assets	11,242	13,009		
Current liabilities	4,903	5,204		
- current financial liabilities	609	557		
Non-current liabilities	3,391	3,680		
- non-current financial liabilities	2,827	3,147		
Total liabilities	8,294	8,884		
Net equity	€2,948	€4,125		
Eni's % of the investment	31.08%	30.99%		
Book value of the investment	€908	€1,250		
Revenues and other income	7,408	9,118		
Operating expense	(6,980)	(7,972)		
Depreciation, amortization and impairments	(1,273)	(690)		
Operating profit (loss)	(845)	456		
Finance income (expense)	(166)	(210)		
Income (expense) from investments	37	(18)		
Profit (loss) before income taxes	(974)	228		
Income taxes	143	(130)		
Net profit (loss)	(1,117)	98		
Other comprehensive income (loss)	46	66		
Total other comprehensive income (loss)	(1,071)	164		
Net profit (loss) attributable to Eni	(354)	4		
Dividends received from the joint venture	3			
Union Fenosa Gas SA				
Disclosure of detailed information about investments				
Current assets	599	585		
- of which cash and cash equivalent	36	41		
Non-current assets	717	827		
Total assets	1,316	1,412		
Current liabilities	311	225		
- current financial liabilities	99	49		
Non-current liabilities	501	563		
- non-current financial liabilities	421	493		
Total liabilities	812	788		
Net equity	€504	€624		
Eni's % of the investment	50.00%	50.00%		
Book value of the investment	€242	€326		
Revenues and other income	854	1,255		
Operating expense	(805)	(1,221)		
Depreciation, amortization and impairments	(108)	(53)		
Operating profit (loss)	(59)	(19)		
Finance income (expense)	(29)	(37)		
Income (expense) from investments	3	6		
Profit (loss) before income taxes	(85)	(50)		

Income taxes	2	8		
Net profit (loss)	(87)	(42)		
Other comprehensive income (loss)	(33)	11		
Total other comprehensive income (loss)	(120)	(31)		
Net profit (loss) attributable to Eni	(68)	(14)		
Cardon IV SA				
Disclosure of detailed information about investments				
Current assets	235	208		
- of which cash and cash equivalent		6		
Non-current assets	2,040	2,383		
Total assets	2,275	2,591		
Current liabilities	262	255		
Non-current liabilities	1,615	2,040		
- non-current financial liabilities	785	1,140		
Total liabilities	1,877	2,295		
Net equity	€ 398	€ 296		
Eni's % of the investment	50.00%	50.00%		
Book value of the investment	€ 199	€ 148		
Revenues and other income	612	598		
Operating expense	(453)	(456)		
Depreciation, amortization and impairments	(95)	(86)		
Operating profit (loss)	64	56		
Finance income (expense)	(98)	(133)		
Profit (loss) before income taxes	(34)	(77)		
Income taxes	58	(103)		
Net profit (loss)	(92)	(180)		
Other comprehensive income (loss)	(35)	5		
Total other comprehensive income (loss)	(127)	(175)		
Net profit (loss) attributable to Eni	(46)	(90)		
Dividends received from the joint venture		10		
Gas Distribution Company of Thessaloniki Thessaly SA				
Disclosure of detailed information about investments				
Current assets	31	31		
- of which cash and cash equivalent	10	12		
Non-current assets	344	322		
Total assets	375	353		
Current liabilities	38	24		
- current financial liabilities	11	9		
Non-current liabilities	51	46		
- non-current financial liabilities	39	33		
Total liabilities	89	70		
Net equity	€ 286	€ 283		
Eni's % of the investment	49.00%	49.00%		
Book value of the investment	€ 140	€ 139		
Revenues and other income	62	58		
Operating expense	(19)	(16)		
Depreciation, amortization and impairments	(16)	(14)		
Operating profit (loss)	27	28		

Finance income (expense)	(1)	(1)		
Profit (loss) before income taxes	26	27		
Income taxes	6	(7)		
Net profit (loss)	20	20		
Total other comprehensive income (loss)	20	20		
Net profit (loss) attributable to Eni	10	10		
Dividends received from the joint venture	9			
Other joint ventures				
Disclosure of detailed information about investments				
Current assets	858	551		
- of which cash and cash equivalent	43	40		
Non-current assets	924	1,085		
Total assets	1,782	1,636		
Current liabilities	1,022	819		
- current financial liabilities	90	165		
Non-current liabilities	333	354		
- non-current financial liabilities	237	274		
Total liabilities	1,355	1,173		
Net equity	427	463		
Book value of the investment	188	199		
Revenues and other income	286	270		
Operating expense	(304)	(277)		
Depreciation, amortization and impairments	(85)	(47)		
Operating profit (loss)	(103)	(54)		
Finance income (expense)	(21)	(14)		
Profit (loss) before income taxes	(124)	(68)		
Income taxes	4	(12)		
Net profit (loss)	(128)	(80)		
Other comprehensive income (loss)	(25)			
Total other comprehensive income (loss)	(153)	(80)		
Net profit (loss) attributable to Eni	(93)	(40)		
Dividends received from the joint venture	€ 10	€ 6		

Other information about investments - Profit and loss and balance sheet related to the principal associates (Details) - EUR (€) €in Millions	12 Months Ended			Dec. 31, 2017
	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018	
Disclosure of detailed information about investments				
Non-current assets	€ 76,746	€ 88,513		
Total assets	109,648	123,440		
Non-current liabilities	48,464	45,896		
Total liabilities	72,155	75,540		
Net equity	37,493	47,900	€ 51,073	€ 48,079
Book value of the investment	6,749	9,035	7,044	
Revenues and other income	44,947	71,041	76,938	
Operating profit (loss)	(3,275)	6,432	9,983	
Finance income (expense)	(1,045)	(879)	(971)	
Income (expense) from investments	(1,658)	193	1,095	
Profit (loss) before income taxes	(5,978)	5,746	10,107	
Income taxes	(2,650)	(5,591)	(5,970)	
Net profit (loss)	(8,628)	155	4,137	
Other comprehensive income (loss)	(2,780)	69	1,576	
Total other comprehensive income (loss)	(11,408)	224	5,713	
Net profit (loss) attributable to Eni	(8,635)	148	€ 4,126	
Abu Dhabi Oil Refining Co				
Disclosure of detailed information about investments				
Current assets	1,391	4,659		
- of which cash and cash equivalent	97	42		
Non-current assets	17,938	18,868		
Total assets	19,329	23,527		
Current liabilities	4,897	8,470		
- current financial liabilities	4,404	3,694		
Non-current liabilities	2,757	912		
- non-current financial liabilities	456	479		
Total liabilities	7,654	9,382		
Net equity	€ 11,675	€ 14,145		
Eni's % of the investment	20.00%	20.00%		
Book value of the investment		€ 2,829		
Revenues and other income	€ 11,933	399		
Operating expense	(12,370)	(357)		
Depreciation, amortization and impairments	(851)	(335)		
Operating profit (loss)	1,288	(293)		
Finance income (expense)	(91)	(46)		
Income (expense) from investments		282		
Profit (loss) before income taxes	(1,379)	(57)		
Income taxes	4	11		
Net profit (loss)	(1,375)	(46)		
Other comprehensive income (loss)	(1,101)	(59)		
Total other comprehensive income (loss)	(2,476)	(105)		
Net profit (loss) attributable to Eni	(275)	(9)		

Dividends received from the associate		46		
Angola LNG Ltd				
Disclosure of detailed information about investments				
Current assets	618	890		
- of which cash and cash equivalent	428	653		
Non-current assets	8,633	9,952		
Total assets	9,251	10,842		
Current liabilities	424	185		
- current financial liabilities	101			
Non-current liabilities	1,187	2,135		
- non-current financial liabilities	999	1,943		
Total liabilities	1,611	2,320		
Net equity	€ 7,640	€ 8,522		
Eni's % of the investment	13.60%	13.60%		
Book value of the investment		€ 1,159		
Revenues and other income	€ 976	1,552		
Operating expense	(548)	(549)		
Depreciation, amortization and impairments	(508)	(509)		
Operating profit (loss)	80	494		
Finance income (expense)	(96)	(151)		
Profit (loss) before income taxes	(176)	343		
Net profit (loss)	(176)	343		
Other comprehensive income (loss)	(710)	162		
Total other comprehensive income (loss)	(886)	505		
Net profit (loss) attributable to Eni	(24)	47		
Coral FLNG SA				
Disclosure of detailed information about investments				
Current assets	133	241		
- of which cash and cash equivalent	83	240		
Non-current assets	4,777	4,119		
Total assets	4,910	4,360		
Current liabilities	172	230		
Non-current liabilities	4,186	3,722		
- non-current financial liabilities	4,186	3,722		
Total liabilities	4,358	3,952		
Net equity	€ 552	€ 408		
Eni's % of the investment	25.00%	25.00%		
Book value of the investment		€ 102		
Revenues and other income	€ 1			
Operating profit (loss)	(1)			
Finance income (expense)	(11)	(12)		
Profit (loss) before income taxes	(10)	(12)		
Income taxes	2	5		
Net profit (loss)	(8)	(7)		
Other comprehensive income (loss)	(48)	8		
Total other comprehensive income (loss)	(56)	1		
Net profit (loss) attributable to Eni	(2)	(2)		
Other associates				

Disclosure of detailed information about investments				
Current assets	623	838		
- of which cash and cash equivalent	303	91		
Non-current assets	4,072	3,259		
Total assets	4,695	4,097		
Current liabilities	656	585		
- current financial liabilities	263	63		
Non-current liabilities	3,068	2,677		
- non-current financial liabilities	2,928	2,515		
Total liabilities	3,724	3,262		
Net equity	971	835		
Book value of the investment		264		
Revenues and other income	954	818		
Operating expense	(917)	(763)		
Depreciation, amortization and impairments	(75)	(28)		
Operating profit (loss)	38	27		
Finance income (expense)	(13)	(2)		
Income (expense) from investments	16	35		
Profit (loss) before income taxes	(35)	60		
Income taxes	(9)	(10)		
Net profit (loss)	(44)	50		
Other comprehensive income (loss)	(60)	5		
Total other comprehensive income (loss)	(104)	55		
Net profit (loss) attributable to Eni	(26)	22		
Dividends received from the associate	€ 13	€ 15		

Other information about investments - Additional (Details) - EUR (€) €in Millions	Dec. 31, 2020	Dec. 31, 2019
Other information about investments		
Non-controlling interest	€ 78	€ 61