2015 EDITION

factbook



SUMMARY

PROFILE	1
HIGHLIGHTS	2
CORPORATE	5
Financial Highlights Market Environment Operational Highlights by quarter Financial Highlights by quarter Market Environment and Price Realizations Consolidated statement of income Consolidated balance sheet Consolidated statement of changes in shareholders' equity Net-debt-to-equity ratio ROACE by business segment Consolidated statement of cash flow Cash flow from operating activities Investments Share information	78101417181920
	27
Combined liquids and gas production. Changes in oil, bitumen and gas reserves. Results of operations for oil and gas producing activities Cost incurred Capitalized costs related to oil and gas producing activities. Standardized measure of discounted future net cash flows LNG positions as of December 31, 2015. Re-gasification terminals as of December 31, 2015. Interests in pipelines.	34 47 50 52 59
Acreage including maps, main producing assets and acreage by region: Europe	73 81 84 89
REFINING & CHEMICALS 1	05
Refinery capacity Petrochemicals product – main production capacities at year-end Petrochemicals product – sales by geographic area Specialty chemicals product – sales by geographic area Specialty chemicals product – sales by activity	111
MARKETING & SERVICES 1	.13
Petroleum product sales (excluding trading and bulk sales)	119

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b: barrel cf: /d: per day /y: €: euro \$ and/or U.S. dollar dollar: metric ton boe: barrel of oil equivalent

kboe/d: thousand boe/d kb/d: thousand barrel/d Btu: M: British thermal unit million

B: MW: billion megawatt MWp: TWh:

megawatt peak (direct current) terawatt hour

French Financial Markets Authority American Petroleum Institute European Refining Margin Indicator.
ERMI is an indicator intended to represent the

margin after variable costs for a hypothetical complex refinery located around Rotterdam in Northern Europe. The indicator margin may not be representative of the actual margins achieved by TOTAL in any period because of TOTAL's particular refinery configurations, product mix effects or other company-specific operating

conditions.

FEED: FPSO: IFRS: Front-End Engineering and Design Floating Production Storage and Offloading International Financial Reporting Standards liquefied natural gas LNG:

liquefied petroleum gas Return on Equity

ROACE: Return on Average Capital Employed SAGD: Steam Assisted Gravity Drainage United States Securities and Exchange Commission SEC:

- 1 boe = 1 barrel of crude oil = approx. 5,390 cf of gas(1) in 2015
- 1 b/d = approx. 50 t/y 1 t = approx. 7.5 b (for a gravity of 37° API)
- 1 Bm³/y = approx. 0.1 Bcf/d 1 m³ = approx. 35.3 cf

- 1 t of LNG = approx. 48 kcf of gas 1 Mt/y of LNG = approx. 131 Mcf/d
- (1) This ratio is calculated based on the actual average equivalent energy content of TOTAL's natural gas reserves and is subject to change.





A GLOBAL ENERGY GROUP

With operations in more than 130 countries, TOTAL is engaged in every sector of the oil industry, including upstream (hydrocarbon exploration, development and production) and downstream (refining, petrochemicals, specialty chemicals, trading and shipping of crude oil and petroleum products and marketing). TOTAL also operates in the renewable energies and power generation sectors.

STRATEGY

The Group's goal is to be a global, integrated energy company. TOTAL is a leading international oil and gas company, and is active in new energy sources, such as solar power and biomass. To achieve this goal, TOTAL leverages its integrated business model, which enables it to capture synergies between the different business segments of the Group. TOTAL stands out due to its operational excellence, its technological expertise and its capacity to manage complex projects. The Group's strategy is based on four main priorities:

- driving profitable, sustainable growth in Exploration & Production's hydrocarbon activities:
- developing competitive, top-tier refining and petrochemical complexes;
- responding to its customer needs by delivering innovative solutions and services that go beyond the supply of petroleum products; and

 consolidating its leadership in solar energy and continuing to develop biomass in order to offer the most appropriate energy solutions.

This strategy incorporates the challenges of climate change, using the International Energy Agency 2°C scenario (450 ppm) as a point of reference. TOTAL's approach is to contribute to satisfying the demand for energy of the world's growing population, while providing concrete solutions to limit the effects of climate change. To do so, the Group focuses its actions around several key points, including the development of gas and renewable energies.

At the core of TOTAL's strategy is a strong belief that energy is vital, drives progress and must be made available to everyone. Energy is a precious resource that must be used wisely. The Group is helping to produce the energy that people around the planet need to live and thrive, while ensuring that its operations deliver economic, societal and environmental benefits. TOTAL is meeting this challenge with and for its employees, its stakeholders and local communities.

Beyond safety, the values of respect, responsibility and exemplary conduct underpin TOTAL's Code of Conduct and accompany priority business principles in the realms of safety / security / health / the environment, integrity (preventing corruption, fraud and anti-competitive practices) and human rights. It is through strict adherence to these values and principles that TOTAL will be able to build strong and sustainable growth for the Group and its stakeholders and fulfill its motto: committed to better energy.

9.4%

Upstream production growth

8 B\$

Downstream cash generation

10.5 B\$

adjusted net income

23 B\$

organic Capex

1.5 B\$

Opex savings

4 B\$

asset sales signed

2015 HIGHLIGHTS













JANUARY

NORWAY - E&P

Start-up of oil production from the Eldfisk II project on the PL 018 license in the North Sea, in which Total owns a 39.9% interest. The project has a production capacity of 70,000 barrels of oil equivalent per day.

NIGERIA - E&P

Completion of the flare out of the Ofon field on Oil Mining Lease (OML) 102 offshore Nigeria. 1

UK – E&P

Start-up of gas and condensate production from the West Franklin Phase 2 project, which is operated by Total (46.2%) in the Central Graben area of the UK North Sea.

2

ABU DHABI - E&P

Signature of a new 40-year onshore concession agreement with the Supreme Petroleum Council of the Emirate of Abu Dhabi (United Arab Emirates) and the Abu Dhabi National Oil Company (ADNOC), granting Total a 10% participating interest in the ADCO concession, effective January 1, 2015.

MARCH

NIGERIA - E&P

Completion of the divestment of Total's stake in onshore Oil Mining Lease (OML) 29 to Aiteo Eastern E&P, for \$569 million. Together with the completed divestments of OML 24 and OML 18, Total's share of sale proceeds from these three onshore Nigerian blocks amounts to over \$1 billion.

APRIL

FRANCE - R&C

Announcement of the French refining roadmap plan: an investment of €200 million to transform the La Mède refinery and create France's first biorefinery and an investment of €400 million to upgrade the Donges refinery to capture new markets with low-sulfur fuels.

MAY

RUSSIA - E&P

Start-up of gas and condensate production from the onshore Termokarstovoye field, located in the Russian Federation, operated by Terneftegas, a joint venture between Total (49%) and Novatek (51%). The field will produce around 6.6 million cubic meters of gas and 20,000 barrels of condensate per day, with a combined production capacity of 65,000 barrels of oil equivalent per day.

ANGOLA - E&P

Achievement of the significant milestone of producing a cumulative two billion barrels from the Total-operated deep offshore Block 17 located 150 km off the coast of Angola. With the start-up of CLOV in June 2014, Block 17 has become Total's most prolific site with production of over 700,000 barrels per day.

JUNE

GERMANY - R&C

Sale of Total's 16.7% interest in the Schwedt refinery in northeastern Germany (Brandenburg) to Rosneft, which already indirectly held an 18.8% stake in the facility. The transaction is valued at \$300 million.

JULY

SINGAPORE - M&S

Start-up of Total's largest state-of-the-art lubricants oil blending plant in the world, located in Singapore. With an annual production capacity of 310,000 tonnes, this new major hub will boost Total's lubricant supply in the Asia-Pacific region, which already represents more than 25% of Total's lubricants sales.

ANGOLA - E&P

Start-up of production from Dalia Phase 1A, a new development on deep offshore operated Block 17, located 135 km off the coast of Angola. Block 17 is operated by Total (40%). Dalia Phase 1A will develop additional reserves of 51 million barrels and will contribute 30,000 barrels per day to the Block's production.

UK - E&P

Sale of 20% of Total's interests in the Laggan, Tormore, Edradour and Glenlivet fields, located in the West of Shetland area, to SSE E&P UK Limited Ltd for £565 million.

AUGUST

HOLDING

Completion of the sale of the 100% stake in Total Coal South Africa which was signed in 2014, confirming Total's exit from coal production and marketing.

UK - E&P

Sale of all of Total's interests in the FUKA and SIRGE gas pipelines and the St. Fergus Gas Terminal to North Sea Midstream Partners for around £585 million.













SEPTEMBER

TURKEY - M&S

Sale of Total's service station network and commercial sales, supply and logistics assets located in Turkey to Demirören for around \$356 million.

CANADA - E&P

Start-up of production from the Surmont 2 oil sands project, in which the Group holds a 50% interest, located in the Athabasca region of Alberta, Canada.

Gross capacity for Surmont 1 and 2 is expected to reach 150,000 barrels of oil per day.

HOLDING

Sale of 50% in Géosel Manosque to a 50-50 consortium composed of EDF Invest and Ardian. Total's 53.4% stake in Géosel Manosque was valued at around \$320 million in January 2015 and the Group will remain a minority shareholder with an interest of 3.4%.

CANADA - E&P

Sale of 10% interest in the Fort Hills oil sands mining project to the operating partner Suncor Energy for a consideration of around \$230 million.

OCTOBER

AUSTRALIA - E&P

First shipment of LNG from the Gladstone LNG project loaded and sent to North Korea. The plant at Curtis Island will produce 7.2 million tonnes of LNG per year once at full capacity. All production from the plant will be sold under long-term contracts to Asian buyers, notably in South Korea and in Malaysia.

NORWAY - E&P

Sale of a 15% interest in the Gina Krog field in Norway to Tellus Petroleum. Following the sale, Total retains a 15% interest in Gina Krog.

DECEMBER

CONGO - E&P

Start-up of Moho Phase 1b project, located 75 kilometers off the coast of Pointe-Noire in the Republic of the Congo. The project is operated by Total and has a production capacity of 40,000 barrels oil equivalent per day.

HOLDING

Total's Board of Directors elected Patrick Pouyanné, Chief Executive Officer of Total, Chairman of the Board of Directors. Mr. Pouyanné therefore becomes Chairman and Chief Executive Officer of Total, following the Board's decision to recombine the two roles.

JANUARY

RUSSIA - E&P

Transfer of Total's 20% interest in the Kharyaga Production Sharing Agreement together with operatorship to Zarubezhneft. Following the completion of the transaction Total retains a 20% interest in Kharyaga.

DOMINICAN REPUBLIC - M&S

Acquisition of a majority 70% interest in the leading
Dominican fuel retailer from
Putney Capital Management.
The transaction includes a well established network of 130 stations, along with significant commercial oil products and lubricants sales positions.

FEBRUARY

INDONESIA - GAS

Total has signed long-term LNG sale and purchase agreements with state-owned Indonesian company Pertamina for the supply of LNG volumes increasing from 0.4 to 1 million tonnes per year over a period of 15 years beginning 2020.

CHINA - GAS

Signature of a binding Heads of Agreement with ENN LNG Trading for the delivery of 0.5 million tonnes per year of LNG for a period of 10 years. The deliveries will be sourced from Total's global LNG portfolio and are expected to begin in 2018 upon completion of ENN's Zhoushan LNG receiving terminal.

UK - E&P

Start-up of production from the Laggan and Tormore gas and condensate fields, located in the West of Shetland area. The fields, which are operated by Total with a 60% interest, will produce 90,000 barrels of oil equivalent per day.

ARGENTINA - E&P

Start-up of production at the offshore Vega Pleyade gas and condensate field in the Tierra del Fuego region of Argentina. Operated by Total (37.5%), the project will have a production capacity of 10 million cubic meters of gas per day (70,000 barrels of oil equivalent per day).

MARCH

HOLDING

Appointment of Momar Nguer as President, Marketing & Services and member of the Executive Committee of Total, replacing Philippe Boisseau.

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Cash Flow (1)

adjusted net income

adjusted fully-diluted earnings per share

dividend per share (2)

2016 OUTLOOK

Lowering breakevens and capitalizing on the Group's market position



2016 Organic Capex target:

19 B\$

2016 Opex reduction target:

2.4 B\$

2016 net asset sales target:

2 B\$

2016 exploration budget:

1.5 B\$

NOTE ON FINANCIAL STATEMENTS

Effective January 1, 2014, Total changed the presentation currency of the Group's Consolidated Financial statements from the euro to the US dollar. Comparative 2013, 2012 and 2011 information has been restated.

FINANCIAL HIGHLIGHTS

(in million dollars, except percent and per share amounts)	2015	2014	2013	2012	2011
Sales	165,357	236,122	251,725	257,037	257,084
Adjusted operating income from business segments (1)	12,672	21,604	27,618	31,946	34,044
Adjusted net operating income					
from business segments (1)	11,362	14,247	15,861	17,153	17,118
Net income (Group share)	5,087	4,244	11,228	13,648	17,400
Adjusted net income (Group share) (1)	10,518	12,837	14,292	15,772	15,948
Fully-diluted weighted-average number of shares	2,304,435,542	2,281,004,151	2,271,543,658	2,266,635,745	2,256,951,403
Adjusted fully-diluted earnings per share (\$) (1) (2)	4.51	5.63	6.29	6.96	7.07
Dividend per share (€)(2)	2.44(3)	2.44	2.38	2.34	2.28
Dividend per ADR (\$) (2)	2.67(3)(4)	2.93	3.24	3.05	2.97
Net-debt-to-equity ratio (as of December 31)	28.3%	31.3%	23.3%	21.9%	23.4%
Return on Average Capital Employed (ROACE) (5)	9.4%	11.1%	13.0%	15.5%	17.0%
Return on Equity (ROE)	11.5%	13.5%	14.9%	17.7%	19.9%
Cash flow from operating activities	19,946	25,608	28,513	28,858	27,193
Gross investments (6)	28,033	30,509	34,431	29,475	34,161
Organic investments (7)	22,976	26,430	28,309	23,789	20,641
Divestments (at the sale price)	7,584	6,190	6,399	7,543	11,940

⁽¹⁾ Adjusted results are defined as income at replacement cost, excluding non-recurring items, and excluding the impact of fair value changes.

MARKET ENVIRONMENT

	2015	2014	2013	2012	2011
Year-end euro/dollar (€/\$)	1.09	1.21	1.38	1.32	1.29
Average euro/dollar (€/\$)	1.11	1.33	1.33	1.28	1.39
Year-end Brent price (\$/b)	37.3	57.3	110.3	110.0	107.4
Average Brent price (\$/b)	52.4	99.0	108.7	111.7	111.3
Average refining margins (\$/t) – ERMI(1)	48.5	18.7	17.9	36.0	17.4

⁽¹⁾ Total's European Refining Margin Indicator (ERMI); published quarterly by the Group.

 ⁽¹⁾ Adjusted results are defined as income at replacement cost, excluding front-recurring items, and excluding the impact of fair value driangles.
 (2) Based on the fully-diluted weighted-average number of common shares outstanding during the period.
 (3) 2015 dividend subject to approval at the May 24, 2016 Annual Shareholders' Meeting.
 (4) 2015 estimated dividend in dollars includes the first quarterly interim ADR dividend of \$0.69 paid in October 2015 and the second quarterly interim ADR dividend of \$0.66 paid in January 2016, as well as the third quarterly interim ADR dividend of \$0.66 payable in April 2016 and the proposed final ADR dividend of \$0.66 payable in July 2016, both converted at a contraction of \$0.66 payable in April 2016 and the proposed final ADR dividend of \$0.66 payable in July 2016, both converted at a contraction of \$0.66 payable in July 2016. rate of \$1.09/€.

⁽⁵⁾ Based on adjusted net operating income and average capital employed using replacement cost.

⁽⁶⁾ Including acquisitions and increases in non-current loans.
(7) Organic investments = net investments, excluding acquisitions, divestments and other operations with non-controlling interests.

OPERATIONAL HIGHLIGHTS BY QUARTER

(in million dollars)	2015					
	Full Year	1 st	2 nd	3 rd	4 th	
Adjusted operating income from business segments ⁽¹⁾	12,672	3,311	4,064	3,204	2,093	
Upstream	4,925	1,531	1,995	994	405	
Refining & Chemicals	5,649	1,335	1,604	1,713	997	
Marketing & Services	2,098	445	465	497	691	
Adjusted net operating income from business segments (1)	11,362	2,780	3,334	2,963	2,285	
Upstream	4,774	1,359	1,560	1,107	748	
Refining & Chemicals	4,889	1,100	1,349	1,433	1,007	
Marketing & Services	1,699	321	425	423	530	

⁽¹⁾ Adjusted results are defined as income at replacement cost, excluding non-recurring items, and excluding the impact of fair value changes.

FINANCIAL HIGHLIGHTS BY QUARTER

(in million dollars, except percent, per share amounts and share buybacks)	2015		Quar	ters		
per share amounts and share buybacks)	Full Year	1 st	2 nd	3 rd	4 th	
Adjusted net income (Group share) (1)	10,518	2,602	3,085	2,756	2,075	
Adjusted fully diluted earnings per share (\$)(1)	4.51	1.13	1.34	1.17	0.88	
Net income (Group share)	5,087	2,663	2,971	1,079	(1,626)	
Net-debt-to-equity ratio (as of end of period)	28.3%	28.2%	25.9%	26.6%	28.3%	
Shares outstanding (as of end of period)	2,440,057,883	2,385,555,781	2,396,360,090	2,415,089,789	2,440,057,883	
Fully-diluted weighted-average number of shares	2,304,435,542	2,285,344,747	2,292,139,361	2,311,978,156	2,328,765,893	
Number of shares bought back during the period	4,711,935	-	-	4,711,935	-	
Share buybacks (B\$)	0.2	-	-	0.2	-	
(in million dollars, except percent, per share amounts and share buybacks)	2012		Quar	ters		
(in million dollars, except percent, per share amounts and share buybacks)	2012 Full Year ⁽²⁾	1st		ters 3 rd	4 th	
		1 st	2 nd	3 rd		
per share amounts and share buybacks)	Full Year ⁽²⁾	1 st 4,037	2 nd 3,576	3 rd	3,943	
Adjusted net income (Group share) (1)	Full Year ⁽²⁾ 15,772	1st 4,037 1.78	2 nd 3,576 1.58	3 rd 4,206 1.85	3,943	
Adjusted net income (Group share) (1) Adjusted fully diluted earnings per share (\$) (1)	Full Year ⁽²⁾ 15,772 6.96	1st 4,037 1.78	3,576 1.58 1,945	3 rd 4,206 1.85	3,943	
Adjusted net income (Group share) (1) Adjusted fully diluted earnings per share (\$) (1) Net income (Group share)	Full Year ⁽²⁾ 15,772 6.96 13,648	4,037 1.78 4,808	3,576 1.58 1,945	3rd 4,206 1.85 3,853 21.2%	3,943 1.74 3,036 21.9%	
Adjusted net income (Group share) (1) Adjusted fully diluted earnings per share (\$)(1) Net income (Group share) Net-debt-to-equity ratio (as of end of period)	Full Year ⁽²⁾ 15,772 6.96 13,648 21.9%	4,037 1.78 4,808 22.6%	3,576 1.58 1,945 21.9% 2,364,546,966	3rd 4,206 1.85 3,853 21.2%	3,943 1.74 3,036 21.9%	
Adjusted net income (Group share) (1) Adjusted fully diluted earnings per share (\$)(1) Net income (Group share) Net-debt-to-equity ratio (as of end of period) Shares outstanding (as of end of period)	Full Year ⁽²⁾ 15,772 6.96 13,648 21.9% 2,365,933,146	4,037 1.78 4,808 22.6% 2,364,545,977 2,264,743,824	3,576 1.58 1,945 21.9% 2,364,546,966	4,206 1.85 3,853 21.2% 2,365,919,246	3,943 1.74 3,036 21.9% 2,365,933,146	

⁽¹⁾ Adjusted results are defined as income at replacement cost, excluding non-recurring items, and excluding the impact of fair value changes

MARKET ENVIRONMENT AND PRICE REALIZATIONS

	2015		Quar	ters		2014		Quar	ters		
	Full Year	1 st	2 nd	3 rd	4 th	Full Year	1 st	2 nd	3 rd	4 th	
Market environment											
Average euro-dollar (\$/€)	1.11	1.13	1.11	1.11	1.10	1.33	1.37	1.37	1.33	1.25	
Brent price (\$/b)	52.4	53.9	61.9	50.5	43.8	99.0	108.2	109.7	101.9	76.6	
Average refining margins (\$/t) – ERMI(1)	48.5	47.1	54.1	54.8	38.1	18.7	6.6	10.9	29.9	27.6	
Price realizations (2)											
TOTAL average liquids price (\$/b)(3)	47.4	49.5	58.2	44.0	38.1	89.4	102.1	103.0	94.0	61.7	
TOTAL average gas price (\$/MBtu)	4.75	5.38	4.67	4.47	4.45	6.57	7.06	6.52	6.40	6.29	

⁽²⁾ Quarterly data for 2012 and 2011 have not been restated following the application of revised accounting standard IAS 19 effective January 1, 2013. Therefore, in the absence of such information, the sum of the quarters for these two years is not equal to the full year restated of IAS 19.

⁽¹⁾ Total's European Refining Margin Indicator (ERMI); published quarterly by the Group.
(2) Consolidated subsidiaries excluding fixed margin and buy-back contracts. Beginning with the first quarter of 2012, includes hydrocarbon production overlifting/underlifting position

valued at market price.
(3) Crude oil and natural gas liquids.

2014		Quar	ters	
Full Year	1 st	2 nd	3 rd	4 th
21,604	6,182	5,583	6,134	3,705
17,156	5,501	4,810	4,671	2,174
2,739	328	368	974	1,069
1,709	353	405	489	462
14,247	3,699	3,824	3,927	2,797
10,504	3,092	3,051	2,765	1,596
2,489	346	401	786	956
1,254	261	372	376	245

2014		Quar	ters		2013		Quar		
Full Year	1 st	2 nd	3 rd	4 th	Full Year	1 st	2 nd	3 rd	4 th
12,837	3,327	3,151	3,558	2,801	14,292	3,698	3,581	3,628	3,385
5.63	1.46	1.38	1.56	1.22	6.29	1.63	1.57	1.59	1.49
4,244	3,335	3,104	3,463	(5,658)	11,228	1,948	3,364	3,682	2,234
31.3%	23.5%	27.1%	27.8%	31.3%	23.3%	25.9%	27.6%	23.0%	23.3%
2,385,267,525	2,378,259,685	2,382,870,577	2,384,527,055	2,385,267,525	2,377,678,160	2,365,933,626	2,376,735,991	2,377,196,179	2,377,678,160
2,281,004,151	2,276,773,146	2,281,218,870	2,284,596,468	2,286,737,894	2,271,543,658	2,269,007,119	2,274,457,002	2,274,700,388	2,275,542,248
4,386,300	_	_	4,386,300	_	4,414,200	_	_	4,414,200	_
0.3		_	0.3	_	0.2	_	-	0.2	-

2011	Quarters					
Full Year(2)	1 st	2 nd	3 rd	4 th		
15,948	4,246	4,021	3,957	3,674		
7.07	1.89	1.78	1.75	1.62		
17,400	5,398	3,923	4,682	3,087		
23.4%	19.3%	24.3%	15.2%	23.4%		
2,363,767,313	2,351,139,024	2,361,390,509	2,363,752,941	2,363,767,313		
2,256,951,403	2,251,135,143	2,255,537,890	2,260,966,547	2,263,503,634		
-	-	-	-	-		
-	-	-	-	_		

2013		Quart	ters		2012		Quart	ers		2011		Quar	ters	
Full Year	1 st	2 nd	3 rd	4 th	Full Year	1 st	2 nd	3 rd	4 th	Full Year	1 st	2 nd	3 rd	4 th
1.33	1.32	1.31	1.32	1.36	1.28	1.31	1.28	1.25	1.30	1.39	1.37	1.44	1.41	1.35
	112.6		110.3							111.3			113.4	109.3
17.9	26.9	24.1	10.6	10.1	36.0	20.9	38.2	51.0	33.9	17.4	24.6	16.3	13.4	15.1
103.3	106.7	96.6	107.2	102.5	107.7	115.2	101.6	107.6	106.4	105.0	99.5	110.6	106.8	104.3
7.12	7.31	6.62	7.18	7.36	6.74	7.16	7.10	6.00	6.94	6.53	6.19	6.60	6.56	6.79

CONSOLIDATED STATEMENT OF INCOME

For the year ended December 31, (in million dollars, except per share amounts)	2015	2014	2013	2012	2011
Sales	165,357	236,122	251,725	257,037	257,084
Excise taxes	(21,936)	(24,104)	(23,756)	(22,821)	(25,254)
Revenues from sales	143,421	212,018	227,969	234,216	231,830
Purchases, net of inventory variation	(96,671)	(152,975)	(160,849)	(162,908)	(158,533)
Other operating expenses	(24,345)	(28,349)	(28,764)	(29,273)	(27,549)
Exploration costs	(1,991)	(1,964)	(2,169)	(1,857)	(1,418)
Depreciation, depletion, and amortization					
of tangible assets and mineral interests	(17,720)	(19,656)	(11,994)	(12,237)	(10,448)
Other income	3,606	2,577	2,290	1,897	2,975
Other expense	(1,577)	(954)	(2,800)	(1,178)	(1,738)
Financial interest on debt	(967)	(748)	(889)	(863)	(992)
Financial income from marketable securities					
and cash equivalents	94	108	85	128	380
Cost of net debt	(873)	(640)	(804)	(735)	(612)
Other financial income	882	821	696	717	848
Other financial expense	(654)	(676)	(702)	(641)	(597)
Equity in income (loss) of affiliates	2,361	2,662	3,415	2,582	2,680
Income taxes	(1,653)	(8,614)	(14,767)	(16,747)	(19,614)
Consolidated net income	4,786	4,250	11,521	13,836	17,824
Group share	5,087	4,244	11,228	13,648	17,400
Minority interests	(301)	6	293	188	424
Earnings per share (\$)	2.17	1.87	4.96	6.05	7.74
Fully-diluted earnings per share (\$)	2.16	1.86	4.94	6.02	7.71
Adjusted net income	10,518	12,837	14,292	15,772	15,948
Adjusted fully-diluted earnings per share (\$)	4.51	5.63	6.29	6.96	7.07

SALES

(in million dollars)	2015	2014	2013	2012	2011
By business segment excluding inter-segment sales					
Upstream	16,840	23,484	26,367	28,449	30,916
Refining & Chemicals	70,623	106,124	114,483	117,067	107,384
Marketing & Services	77,887	106,509	110,873	111,281	118,769
Corporate	7	5	2	240	15
Total	165,357	236,122	251,725	257,037	257,084
By business segment including inter-segment sales					
Upstream	34,767	52,667	64,017	68,947	68,918
Refining & Chemicals	97,417	151,074	166,758	174,201	169,016
Marketing & Services	78,798	108,124	113,032	112,251	119,890
Corporate	225	241	179	496	271
Inter-segment sales	(45,850)	(75,984)	(92,261)	(98,858)	(101,011)
Total	165,357	236,122	251,725	257,037	257,084
By geographic area excluding inter-segment sales					
France	36,536	51,471	57,650	59,077	59,333
Rest of Europe	79,463	114,747	128,661	133,439	113,379
North America	14,857	23,766	22,332	22,675	22,156
Africa	17,612	23,281	23,146	23,025	20,986
Rest of world	16,889	22,857	19,936	18,821	41,230
Total	165,357	236,122	251,725	257,037	257,084

DEPRECIATION, DEPLETION & AMORTIZATION OF TANGIBLE ASSETS AND MINERAL INTEREST BY BUSINESS SEGMENT

As of December 31, (in million dollars)	2015	2014	2013	2012	2011	
Upstream	(15,857)	(15,938)	(9,484)	(9,555)	(7,014)	
Refining & Chemicals	(1,092)	(2,901)	(1,736)	(1,856)	(2,695)	
Marketing & Services	(744)	(781)	(733)	(780)	(690)	
Corporate	(27)	(36)	(41)	(46)	(49)	
Total	(17,720)	(19,656)	(11,994)	(12,237)	(10,448)	

EQUITY IN INCOME/(LOSS) OF AFFILIATES BY BUSINESS SEGMENT

As of December 31, (in million dollars)	2015	2014	2013	2012	2011
Upstream	1,720	2,509	2,889	2,385	2,372
Refining & Chemicals	602	315	500	312	411
Marketing & Services	39	(162)	26	(115)	(104)
Corporate	-	-	-	-	1
Total	2,361	2,662	3,415	2,582	2,680

INCOME TAXES

(in million dollars)	2015	2014	2013	2012	2011
Current income taxes	(4,552)	(10,904)	(13,607)	(15,970)	(17,392)
Deferred income taxes	2,899	2,290	(1,160)	(777)	(2,222)
Income taxes	(1,653)	(8,614)	(14,767)	(16,747)	(19,614)

ADJUSTMENT ITEMS TO OPERATING INCOME BY BUSINESS SEGMENT

(in million dollars)	Upstream	Refining & Chemicals	Marketing & Services	Corporate	Total
Year 2015					
Inventory valuation effect	-	(859)	(254)	-	(1,113)
Effect of changes in fair value	(16)	-	-	-	(16)
Restructuring charges	(43)	-	(5)	-	(48)
Impairments	(6,783)	(70)	(24)	-	(6,877)
Other	(1,024)	(176)	(57)	-	(1,257)
Total	(7,866)	(1,105)	(340)	-	(9,311)
Year 2014					
Inventory valuation effect	-	(2,944)	(525)	-	(3,469)
Effect of changes in fair value	31	-	-	-	31
Restructuring charges	-	-	-	-	-
Impairments	(6,529)	(1,450)			(7,979)
Other	(164)	(36)	(26)	-	(226)
Total	(6,662)	(4,430)	(551)	-	(11,643)
Year 2013					
Inventory valuation effect	-	(978)	(87)	_	(1,065)
Effect of changes in fair value	(74)	-	-	-	(74)
Restructuring charges	-	(373)	(3)	-	(376)
Impairments	(855)	(184)	(4)	-	(1,043)
Other	(113)	(54)	(44)	-	(211)
Total	(1,042)	(1,589)	(138)	-	(2,769)
Year 2012					
Inventory valuation effect	-	(230)	(71)	-	(301)
Effect of changes in fair value	(12)	-	-	-	(12)
Restructuring charges	-	(3)	-	-	(3)
Impairments	(1,538)	(266)	(87)		(1,891)
Other	(752)	(24)	(223)	(115)	(1,114)
Total	(2,302)	(523)	(381)	(115)	(3,321)
Year 2011					
Inventory valuation effect	-	1,292	399	-	1,691
Effect of changes in fair value	62	-	-	-	62
Restructuring charges	-		-		
Impairments	(104)	(983)	-		(1,087)
Other		(104)	(23)	-	(127)
Total	(42)	205	376	-	539

ADJUSTMENT ITEMS TO NET INCOME BY BUSINESS SEGMENT

(in million dollars)	Upstream	Refining & Chemicals	Marketing & Services	Corporate	Total
Year 2015					
Inventory valuation effect	-	(590)	(157)	-	(747)
Effect of changes in fair value	(9)	-	-	-	(9)
Restructuring charges	(10)	(52)	(10)	-	(72)
Impairments	(5,249)	(59)	(127)	(12)	(5,447)
Gains (losses) on asset sales	162	1,288	360	-	1,810
Other	(516)	(257)	(193)	-	(966)
Total	(5,622)	330	(127)	(12)	(5,431)
Year 2014					
Inventory valuation effect	-	(2,114)	(339)	-	(2,453)
Effect of changes in fair value	25	-	-	-	25
Restructuring charges	-	(13)	(7)	-	(20)
Impairments	(5,514)	(1,409)	(140)	-	(7,063)
Gains (losses) on asset sales	1,314	(105)	-	-	1,209
Other	(193)	(58)	(40)	-	(291)
Total	(4,368)	(3,699)	(526)	-	(8,593)
Year 2013					
Inventory valuation effect	-	(656)	(72)	-	(728)
Effect of changes in fair value	(58)	-	-	-	(58)
Restructuring charges	-	(537)	(30)	-	(567)
Impairments	(581)	(183)	(9)	_	(773)
Gains (losses) on asset sales	(58)	(59)			(117)
Other	(113)	(676)	47	(79)	(821)
Total	(810)	(2,111)	(64)	(79)	(3,064)
Year 2012					
Inventory valuation effect	-	(149)	(52)	-	(201)
Effect of changes in fair value	(9)	-	-	-	(9)
Restructuring charges	<u> </u>	(31)	(68)		(99)
Impairments	(985)	(247)	(155)	(39)	(1,426)
Gains (losses) on asset sales	326			438	764
Other	(491)	(57)	(140)	(465)	(1,153)
Total	(1,159)	(484)	(415)	(66)	(2,124)
Year 2011					
Inventory valuation effect	-	931	229	-	1,160
Effect of changes in fair value	45				45
Restructuring charges	-	(100)	(70)		(170)
Impairments	(104)	(663)	(644)	<u> </u>	(1,411)
Gains (losses) on asset sales	1,213	700	391	103	2,407
Other	(248)	(157)	(85)	(89)	(579)
Total	906	711	(179)	14	1,452

CONSOLIDATED BALANCE SHEET

As of December 31,	2015	2014	2013	2012	2011
(in million dollars)					
ASSETS					
Non-current assets	_			-	
Intangible assets, net	14,549	14,682	18.395	16,965	16,062
Property, plant and equipment, net	109,518	106,876	104,480	91,477	83,400
Equity affiliates: investments and loans	19,384	19,274	20,417	18,153	16,814
Other investments	1,241	1,399	1,666	1,571	4,755
Hedging instruments of non-current financial debt	1,219	1,319	1,418	2,145	2,557
Deferred income taxes	3,982	4,079	3,838	2,982	2,653
Other non-current assets	4,355	4,192	4,406	3,513	3,179
Total non-current assets	154,248	151,821	154,620	136,806	129,420
Current assets					
Inventories, net	13,116	15,196	22,097	22,954	23,447
Accounts receivable, net	10,629	15,704	23,422	25,339	25,941
Other current assets	15,843	15,702	14,892	13,307	13,932
Current financial instruments	6,190	1,293	739	2,061	906
Cash and cash equivalents	23,269	25,181	20,200	20,409	18,147
Assets classified as held for sale	1,189(1)	4,901 (3)	3,253(5)	5,010(7)	10,177
Total current assets	70,236	77,977	84,603	89,080	82,373
Total assets	224,484	229,798	239,223	225,886	211,793
Common shares Paid-in surplus and retained earnings Currency translation adjustment Treasury shares	7,670 101,528 (12,119) (4,585)	7,518 94,646 (7,480) (4,354)	7,493 98,254 (1,203) (4,303)	7,454 92,485 (1,696) (4,274)	7,447 86,461 (2,884 (4,357
Total shareholders' equity – Group share	92,494	90,330	100,241	93,969	86,667
Non-controlling interests	2,915	3,201	3,138	1,689	1,749
Total shareholders' equity	95,409	93,531	103,379	95,658	88,416
Non-current liabilities		,	,		
Deferred income taxes	12,360	14,810	17,850	16,006	15,340
Employee benefits	3,774	4,758	4,235	4,939	4,380
Provisions and other non-current liabilities	17,502	17,545	17,517	15,285	14,114
Non-current financial debt	44,464	45,481	34,574	29,392	29,186
Total non-current liabilities	78,100	82,594	74,176	65,622	63,020
Current liabilities					
Accounts payable	20,928	24,150	30,282	28,563	28,577
Other creditors and accrued liabilities	16,884	16,641	18,948	19,316	19,045
Current borrowings	12,488	10,942	11,193	14,535	12,519
Other current financial liabilities Liabilities directly associated with the assets classified	171	180	381	232	216
as held for sale	504(2)	1,760(4)	864 (6)	1,960(8)	
Total current liabilities	50,975	53,673	61,668	64,606	60,357
Total liabilities and shareholders' equity	224,484	229,798	239,223	225,886	211,793
	,			,	

^{(1) \$497} million of Fuka in United Kingdom has been classified as "Assets classified as held for sale". \$458 million of Total Turkyie has been classified as "Assets classified as held for sale".

^{(1) \$497} million of Fuka in United Kingdom has been classified as "Assets classified as held for sale". \$458 million of Total Turkyie has been classified as "Assets classified as "Assets held for sale". \$234 million of Fuka in United Kingdom has been classified as "Liabilities directly associated with the assets classified as Held for sale". \$164 million of Fuka in United Kingdom has been classified as "Liabilities directly associated with the assets classified as held for sale". \$164 million of Kharyaga in Russia has been classified as "Liabilities directly associated with the assets classified as held for sale". \$164 million of Fuka in United Kingdom has been classified as held for sale". \$1,664 million of Fuka in United Kingdom has been classified as held for sale". \$469 million of Fuka in Nigeria has been classified as "Assets held for sale". \$469 million of Fuka in Nigeria has been classified as "Assets held for sale". \$489 million of OML 138 in Nigeria has been classified as "Liabilities directly associated with the assets classified as held for sale". \$50 million of OML 138 in Nigeria has been classified as "Assets classified as held for sale". \$726 million of Block 15/06 in Angola has been classified as "Liabilities directly associated with the assets classified as held for sale". \$50 million of OML 138 in Nigeria has been classified as "Liabilities directly associated with the assets classified as held for sale". \$50 million of OML 138 in Nigeria has been classified as "Liabilities directly associated with the assets classified as "Liabilities directly associated with the assets classified as held for sale". \$50 million of OML 138

classified as "Liabilities directly associated with the assets classified as held for sale".

(7) \$2,181 million of OML 138 in Nigeria has been classified as held for sale". \$1,887 million of Transport et Infrastructures Gaz France (TIGF) including \$1,643 million of tangible assets has been classified as "Assets classified as held for sale". \$1,887 million of Transport et Infrastructures Gaz France (TIGF) including \$1,643 million of tangible assets has been classified as "Assets classified as held for sale". \$1,887 million of Transport et Infrastructures Gaz France (TIGF) including \$1,643 million of Upstream Trinidad & Tobago have been classified as "Assets classified as held for sale". \$29 million of Upstream Trinidad & Tobago have been classified as "Liabilities directly associated with the assets classified as held for sale". \$1,167 million of Transport et Infrastructures Gaz

France (TIGF) including \$1,046 million non current financial debt has been classified as "Liabilities directly associated with the assets classified as held for sale". \$131 million of Upstream Trinidad & Tobago have been classified as "Liabilities directly associated with the assets classified as held for sale".

NET TANGIBLE & INTANGIBLE ASSETS BY BUSINESS SEGMENT

As of December 31,	2015	2014	2013	2012	2011
(in million dollars)					
Upstream					
Tangibles	95,086	92,262	87,548	75,386	67,930
Intangibles	13,132	13,011	16,119	14,742	13,909
Refining & Chemicals		_		·	
Tangibles	8,631	8,798	10,991	10,840	10,515
Intangibles	686	714	1,416	1,327	1,178
Marketing & Services		_		·	
Tangibles	5,595	5,580	5,676	5,034	4,735
Intangibles	628	863	765	814	878
Corporate		_		·	
Tangibles	206	236	265	217	220
Intangibles	103	94	95	82	97
Total	124,067	121,558	122,875	108,442	99,642

PROPERTY, PLANT & EQUIPMENT

As of December 31, (in million dollars)	2015	2014	2013	2012	2011
Proved properties	58,687	52,968	51,089	39,668	38,342
Unproved properties	2,423	2,153	1,432	302	270
Work in progress	33,962	37,124	34,612	34,928	27,398
Total Upstream properties	95,072	92,245	87,133	74,898	66,010
Land	970	1,070	1,264	1,250	1,227
Machinery plant and equipment					
(including transportation equipment)	5,748	6,092	8,312	7,972	9,690
Buildings	2,637	2,850	3,180	3,057	2,730
Construction in progress	2,577	2,043	1,853	1,920	1,589
Other	2,514	2,576	2,738	2,380	2,154
Other	14,446	14,631	17,347	16,579	17,390
Total (1)	109,518	106,876	104,480	91,477	83,400

⁽¹⁾ As of December 31, 2015, accumulated depreciation, depletion and amortization amounted to 131,497 M\$.

NON-CURRENT ASSETS BY BUSINESS SEGMENT (1)

As of December 31, (in million dollars)	2015	2014	2013	2012	2011
Upstream	131,014	126,904	125,218	109,004	98,692
Refining & Chemicals	12,985	13,987	17,376	16,332	15,752
Marketing & Services	9,163	9,129	9,468	8,473	8,114
Corporate	(133)	482	1,140	852	4,305
Total	153,029	150,502	153,202	134,661	126,863

⁽¹⁾ Financial instruments held for hedging of non-current financial debt purposes are not included here.

NON-CURRENT DEBT ANALYSIS

As of December 31, (in million dollars, except percent)	2015	%	2014	%	2013	%	2012	%	2011	%
Loan repayment schedule (1)										
2011				-					_	
2012			-	-	_		_	_	_	_
2013				_		_		_	5,812	22%
2014			_	_		_	5,056	19%	4,697	18%
2015			-	-	4,647	14%	4,572	17%	4,676	17%
2016			4,793	11%	4,528	14%	2,804	10%	1,965	7%
2017	4,602	11%	4,547	10%	4,159	12%	4,124	15%	9,479(2)	36%
2018	4,420	10%	4,451	10%	4,361	13%	10,691 ⁽³⁾	39%	-	-
2019	5,542	13%	4,765	11%	15,461 ⁽⁴⁾	47%	-	-	-	-
2020	4,965	11%	25,606 (5)	58%	-	-	_	-	-	-
2021 and beyond	23,716	55%	-	-	-	-	-	-	-	-
Total	43,245	100%	44,162	100%	33,156	100%	27,247	100%	26,629	100%
(in million dollars, except percent)	2015	%	2014	%	2013	%	2012	%	2011	%
Analysis by currency ⁽¹⁾										
U.S. Dollar	40,337	93%	41,369	94%	27,908	84%	18,060	66%	11,185	42%
Euro	1,681	4%	2,428	5%	4,885	15%	7,445	27%	12,398	47%
Norwegian Krone	907	2%	-	-	-	-	-	-	-	-
Other currencies	320	1%	365	1%	363	1%	1,742	7%	3,046	11%
Total	43,245	100%	44,162	100%	33,156	100%	27,247	100%	26,629	100%
(in million dollars, except percent)	2015	%	2014	%	2013	%	2012	%	2011	%
Analysis by interest rate (1)										
Fixed rate	7,666	18%	6,944	16%	6,771	20%	6,710	25%	6,280	24%
Floating rates	35,579	82%	37,218	84%	26,385	80%	20,537	75%	20,349	76%
Total	43,245	100%	44,162	100%	33,156	100%	27,247	100%	26,629	100%

⁽¹⁾ These analyses are presented after the impact of interest rate and currency swaps.(2) 2017 and after.(3) 2018 and after.(4) 2019 and after.(5) 2020 and after.

CONSOLIDATED STATEMENT OF CHANGES IN SHAREHOLDERS' EQUITY - GROUP SHARE

(in million dollars)	Common	shares issued	Paid-in surplus and	Cumulative translation	Trea	sury shares	Shareholders' equity	
	Number	Amount	retained earnings	adjustments	Number	Amount	oquity	
As of January 1, 2012	2,363,767,313	7,447	86,461	(2,884)	(109,554,173)	(4,357)	86,667	
Dividend	-	-	(6,728)	-	-	-	(6,728)	
Net income 2012	-	-	13,648	-	-	-	13,648	
Other comprehensive income	-	-	(987)	1,187		_	200	
Issuance of common shares	2,165,833	7	34	-		-	41	
Purchase of treasury shares	-	-	-	_	(1,800,000)	(88)	(88)	
Sales of treasury shares (1)	-	-	(171)	_	2,962,534	171	-	
Share-based payments	-	_	188	_		-	188	
Share cancellation	-	_	_	_			-	
Other operations with minority interests	_	_	20	1			21	
Other items	-	-	20			-	20	
As of December 31, 2012	2,365,933,146	7,454	92,485	(1,696)	(108,391,639)	(4,274)	93,969	
Dividend	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, -		() /	(, ,,	() /	,	
Net income 2013	-		(7,116) 11,228				(7,116) 11,228	
	-	-		400		<u>-</u>		
Other comprehensive income	- 11 745 014	-	473	492			965	
Issuance of common shares	11,745,014	39	446			(000)	485	
Purchase of treasury shares	-	-	(200)		(4,414,200)	(238)	(238)	
Sales of treasury shares (1)	-	-	(209)		3,591,391	209	-	
Share-based payments	-	-	189				189	
Share cancellation	-	-	-				-	
Other operations with minority interests	-	-	749	1		-	750	
Other items	-	-	9	-			9	
As of December 31, 2013	2,377,678,160	7,493	98,254	(1,203)	(109,214,448)	(4,303)	100,241	
Dividend	-	-	(7,378)	-		-	(7,378)	
Net income 2014	-	-	4,244	_		_	4,244	
Other comprehensive income	-	-	(907)	(6,275)	-	-	(7,182)	
Issuance of common shares	7,589,365	25	395	-	-	-	420	
Purchase of treasury shares	-	-	-	-	(4,386,300)	(283)	(283)	
Sales of treasury shares (1)	-	-	(232)	_	4,239,335	232	-	
Share-based payments	-	-	114	_		-	114	
Share cancellation	-	-	-	_		-	-	
Other operations with minority interests	-	_	148	(2)		_	146	
Other items	-	-	8	-	-	-	8	
As of December 31, 2014	2,385,267,525	7,518	94,646	(7,480)	(109,361,413)	(4,354)	90,330	
Dividend	-	_	(6,303)	-			(6,303)	
Net income 2015	_	_	5,087	_			5,087	
Other comprehensive income	_	_	185	(4,639)			(4,454)	
Issuance of common shares	54,790,358	152	2,159	(1,000)			2,311	
Purchase of treasury shares	-	-	2,100		(4,711,935)	(237)	(237)	
Sales of treasury shares ⁽¹⁾			(6)		105,590	6	(201)	
Share-based payments	_	_	101				101	
Share cancellation			-				- 101	
Issuance of perpetual subordinated notes	_		5,616				5,616	
Payments on perpetual			0,010				5,010	
subordinated notes			(114)			_	(114)	
Other operations with minority interests			23				23	
Other items	-		134				134	
			104				104	
As of December 31, 2015	2,440,057,883	7,670	101,528	(12,119)	(113,967,758)	(4,585)	92,494	

⁽¹⁾ Treasury shares related to the restricted stock grants.

NET-DEBT-TO-EQUITY RATIO

As of December 31, (in million dollars, except percent)	2015	2014	2013	2012	2011	
Net financial debt	26,586	28,754	23,612	20,541	20,311	
Shareholder's equity	93,864	91,845	101,471	93,901	86,748	
Net-debt-to-equity ratio	28.3%	31.3%	23.3%	21.9%	23.4%	

CAPITAL EMPLOYED BASED ON REPLACEMENT COST BY BUSINESS SEGMENT

As of December 31, (in million dollars)	2015	2014	2013	2012	2011
Upstream	105,580	100,497	95,529	84,260	73,635
Refining & Chemicals	10,407	13,451	19,752	20,783	20,017
Marketing & Services	8,415	8,825	10,051	9,232	8,882
Corporate	(3,259)	(2,247)	(2,881)	(3,195)	990
Total	121,143	120,526	122,451	111,080	103,534

CAPITAL EMPLOYED

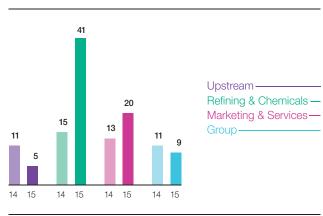
As of December 31, (in million dollars)	2015	2014	2013	2012	2011
Non-current assets	153,029	150,502	153,202	134,661	126,863
Assets and liabilities classified as held for sale	826	3,085	2,210	4,047	-
Working capital	1,776	5,811	11,181	13,721	15,698
Long-term liabilities	(33,636)	(37,113)	(39,602)	(36,230)	(33,834)
Capital employed	121,995	122,285	126,991	116,199	108,727

ROACE BY BUSINESS SEGMENT

(in million dollars, except percent)	2015	2014	2013	2012
Upstream				
Adjusted net operating income	4,774	10,504	12,450	14,316
Average capital employed ⁽¹⁾	103,039	98,013	89,895	78,948
ROACE	4.6%	10.7%	13.8%	18.1%
Refining & Chemicals				
Adjusted net operating income	4,889	2,489	1,857	1,768
Average capital employed ⁽¹⁾	11,929	16,602	20,268	20,400
ROACE	41.0%	15.0%	9.2%	8.7%
Marketing & Services				
Adjusted net operating income	1,699	1,254	1,554	1,069
Average capital employed (1)	8,620	9,438	9,642	9,057
ROACE	19.7%	13.3%	16.1%	11.8%
Corporate				
Adjusted net operating income	38	(717)	(631)	(543)
Average capital employed (1)	(2,753)	(2,564)	(3,038)	(1,103)
Group				
Adjusted net operating income	11,400	13,530	15,230	16,610
Average capital employed ⁽¹⁾	120,835	121,489	116,766	107,302
ROACE	9.4%	11.1%	13.0%	15.5%

⁽¹⁾ At replacement cost (excluding after-tax inventory effect). Average Capital Employed = (Capital Employed beginning of the year + Capital Employed end of the year)/2.

ROACE by business segment (%)



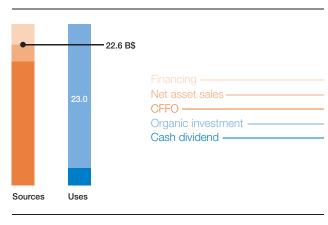
CONSOLIDATED STATEMENT OF CASH FLOW

(in million dollars)	2015	2014	2013	2012	2011
Cash flow from operating activities					
Consolidated net income	4,786	4,250	11,521	13,836	17,824
Depreciation, depletion, and amortization	19,334	20,859	13,358	13,466	12,010
Non-current liabilities, valuation allowances,					
and deferred taxes	(2,563)	(1,980)	1,567	1,889	2,272
Impact of coverage of pension benefit plans	-		-	(465)	_
(Gains) losses on sales of assets	(2,459)	(1,979)	(80)	(1,715)	(2,479)
Undistributed affiliates' equity earnings	(311)	29	(775)	272	(149)
(Increase) decrease in working capital	1,683	4,480	2,525	1,392	(2,421)
Other changes, net	(524)	(51)	397	183	136
Cash flow from operating activities	19,946	25,608	28,513	28,858	27,193
Cash flow used in investing activities					
Intangible assets and property, plant,					
and equipment additions	(25,132)	(26,320)	(29,748)	(25,574)	(24,986)
Acquisition of subsidiaries, net of cash acquired	(128)	(471)	(21)	(245)	(1,189)
Investments in equity affiliates and other securities	(513)	(949)	(1,756)	(1,152)	(6,299)
Increase in non-current loans	(2,260)	(2,769)	(2,906)	(2,504)	(1,687)
Total expenditures	(28,033)	(30,509)	(34,431)	(29,475)	(34,161)
Proceeds from disposal of intangible assets,					
and property, plant and equipment	2,623	3,442	1,766	1,822	2,003
Proceeds from disposal of subsidiaries, net of cash sold	2,508	136	2,654	452	800
Proceeds from disposal of non-current investments	837	1,072	330	3,618	7,922
Repayment of non-current loans	1,616	1,540	1,649	1,651	1,215
Total divestments	7,584	6,190	6,399	7,543	11,940
Cash flow used in investing activities	(20,449)	(24,319)	(28,032)	(21,932)	(22,221)
Cash flow (from)/used financing activities					
Issuance (repayment) of shares:					
- Parent company shareholders					
Treasurer alsoures	485	420	485	41	670
- Treasury shares	485 (237)	420 (289)	485 (238)	41 (88)	670
- Treasury snares Cash dividend paid:					670
					670
Cash dividend paid:	(237)	(289)	(238)	(88)	-
Cash dividend paid: - Parent company's shareholders	(237)	(289)	(238)	(88)	(7,155)
Cash dividend paid: - Parent company's shareholders - Minority shareholders	(237) (2,845) (100)	(289)	(238)	(88)	(7,155)
Cash dividend paid: - Parent company's shareholders - Minority shareholders Issuance of perpetual subordinated notes	(237) (2,845) (100) 5,616	(289) (7,308) (154)	(7,128) (156)	(88)	(7,155) (239)
Cash dividend paid: - Parent company's shareholders - Minority shareholders Issuance of perpetual subordinated notes Non controlling interest	(237) (2,845) (100) 5,616 89	(289) (7,308) (154) - 179	(238) (7,128) (156) - 2,153	(88) (6,660) (133)	(7,155) (239) - (798)
Cash dividend paid: - Parent company's shareholders - Minority shareholders Issuance of perpetual subordinated notes Non controlling interest Net issuance (repayment) of non-current debt	(2,845) (100) 5,616 89 4,166	(289) (7,308) (154) - 179 15,786	(238) (7,128) (156) - 2,153 11,102	(88) (6,660) (133) - - - 6,780	(7,155) (239) - (798) 5,664
Cash dividend paid: - Parent company's shareholders - Minority shareholders Issuance of perpetual subordinated notes Non controlling interest Net issuance (repayment) of non-current debt (Increase) decrease in current borrowings	(237) (2,845) (100) 5,616 89 4,166 (597)	(289) (7,308) (154) - 179 15,786 (2,374)	(238) (7,128) (156) - 2,153 11,102 (9,037)	(88) (6,660) (133) - - 6,780 (3,540)	(7,155) (239) - (798) 5,664 (5,387)
Cash dividend paid: - Parent company's shareholders - Minority shareholders Issuance of perpetual subordinated notes Non controlling interest Net issuance (repayment) of non-current debt (Increase) decrease in current borrowings (Increase) decrease in current financial assets and liabilities	(237) (2,845) (100) 5,616 89 4,166 (597) (5,517)	(289) (7,308) (154) - 179 15,786 (2,374) (351)	(238) (7,128) (156) - 2,153 11,102 (9,037) 1,298	(88) (6,660) (133) - - 6,780 (3,540) (1,217)	(7,155) (239) - (798) 5,664 (5,387) 1,247
Cash dividend paid: - Parent company's shareholders - Minority shareholders Issuance of perpetual subordinated notes Non controlling interest Net issuance (repayment) of non-current debt (Increase) decrease in current borrowings (Increase) decrease in current financial assets and liabilities Cash flow used in financing activities	(237) (2,845) (100) 5,616 89 4,166 (597) (5,517)	(289) (7,308) (154) - 179 15,786 (2,374) (351) 5,909	(238) (7,128) (156) 2,153 11,102 (9,037) 1,298 (1,521)	(88) (6,660) (133) - - 6,780 (3,540) (1,217) (4,817)	(7,155) (239) (798) 5,664 (5,387) 1,247 (5,998)
Cash dividend paid: - Parent company's shareholders - Minority shareholders Issuance of perpetual subordinated notes Non controlling interest Net issuance (repayment) of non-current debt (Increase) decrease in current borrowings (Increase) decrease in current financial assets and liabilities Cash flow used in financing activities Net increase (decrease) in cash and cash equivalents	(237) (2,845) (100) 5,616 89 4,166 (597) (5,517) 1,060	(289) (7,308) (154) 179 15,786 (2,374) (351) 5,909 7,198	(238) (7,128) (156) - 2,153 11,102 (9,037) 1,298 (1,521) (1,040)	(88) (6,660) (133) - - 6,780 (3,540) (1,217) (4,817) 2,109	(7,155) (239) - (798) 5,664 (5,387) 1,247 (5,998) (1,026)

CASH FLOW FROM OPERATING ACTIVITIES

(in million dollars)	2015	2014	2013	2012	2011
By business segment					
Upstream	11,182	16,666	21,857	24,354	23,724
Refining & Chemicals	6,432	6,302	4,260	2,726	2,987
Marketing & Services	2,323	2,721	2,557	1,456	753
Corporate	9	(81)	(161)	322	(271)
Total	19,946	25,608	28,513	28,858	27,193

2015 Cash flow allocation (in B\$)



GROSS INVESTMENTS (1)

(in million dollars)	2015	2014	2013	2012	2011
By business segment					
Upstream	24,270	26,520	29,750	25,200	28,761
Refining & Chemicals	1,843	2,022	2,708	2,502	2,659
Marketing & Services	1,841	1,818	1,814	1,671	2,553
Corporate	79	149	159	102	188
Total	28,033	30,509	34,431	29,475	34,161
By geographic area					
France	980	1,266	1,772	2,041	2,130
Rest of Europe	4,783	5,880	6,289	5,660	5,292
North America	3,493	3,658	4,157	4,045	7,301
Africa	9,154	9,798	10,705	9,346	7,328
Rest of world	9,623	9,907	11,508	8,383	12,110
Total	28,033	30,509	34,431	29,475	34,161

⁽¹⁾ Including acquisitions and increases in non-current loans.

ORGANIC INVESTMENTS (2) BY BUSINESS SEGMENT

(in million dollars)	2015	2014	2013	2012	2011
Upstream	20,508	22,959	24,102	20,106	16,872
Refining & Chemicals	827	1,944	2,530	2,094	2,373
Marketing & Services	1,569	1,424	1,579	1,507	1,239
Corporate	72	104	97	82	156
Total	22,976	26,430	28,309	23,789	20,641

⁽²⁾ Organic investments = net investments, excluding acquisitions, divestments and other operations with non-controlling interests.

DIVESTMENTS BY BUSINESS SEGMENT

(in million dollars)	2015	2014	2013	2012	2011
Upstream	3,215	5,764	5,786	3,595	3,607
Refining & Chemicals	3,488	192	365	392	3,492
Marketing & Services	856	163	186	196	2,721
Corporate	25	71	62	3,360	2,120
Total	7,584	6,190	6,399	7,543	11,940

2015 Organic investments by business segment



SHARE PERFORMANCE

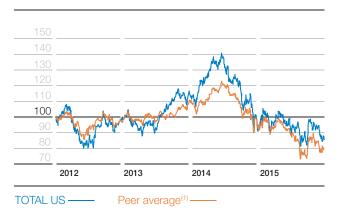
Total share price in Paris (2012-2015)

(in euros)



Source: Bloomberg. Base 100 in 2012.

Total ADR price in New York (2012-2015) (in dollars)



Source: Bloomberg. Base 100 in 2012. (1) BP, Chevron, ExxonMobil, Shell.

SHAREHOLDING STRUCTURE ESTIMATE AS OF DECEMBER 31, 2015

Distribution by shareholders by type

(excluding treasury shares)



(1) Based on the definition of employees shareholding persuant to Article L. 225-102 of the French Commercial Code, treasury shares excluded.

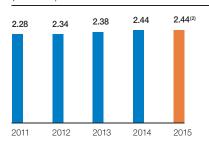
Distribution by shareholders by geographic area (excluding treasury shares)



DIVIDEND POLICY

Dividend per share

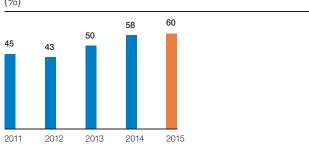
(in euros)



(2) The 2015 dividend is subject to approval at the May 24, 2016 Annual Shareholders' meeting.

Pay-out ratio

(%)



SHARE INFORMATION

	2015	2014	2013	2012	2011
Shares outstanding (as of December 31)	2,440,057,883	2,385,267,525	2,377,678,160	2,365,933,146	2,363,767,313
Weighted-average number of fully-diluted shares (1)	2,304,435,542	2,281,004,151	2,271,543,658	2,266,635,745	2,256,951,403
Shares on a fully-diluted basis (as of December 31)(1)	2,336,295,758	2,285,476,721	2,275,897,116	2,270,350,218	2,263,790,054
Treasury Shares	113,967,758	109,361,413	109,214,448	108,391,639	109,554,173
Price per share (€)				_	
High	50.30	54.71	45.67	42.97	44.55
Low	36.92	38.25	35.18	33.42	29.40
Year-end	41.27	42.52	44.53	39.01	39.50
Price per ADR (\$)					
High	55.86	74.22	62.45	57.06	64.44
Low	40.93	48.43	45.93	41.75	40.00
Year-end	44.95	51.20	61.27	52.01	51.11
Market capitalization at year-end,					
computed on shares outstanding					
Billion€	100.7	101.4	105.9	92.3	93.4
Billion \$	109.7	122.1	145.7	123.1	120.8
Trading volume (daily average)					
Euronext Paris	7,412,179	5,519,597	4,439,725	5,622,504	6,565,732
New York Stock Exchange (number of ADRs)	1,853,669	1,277,433	1,371,780	3,291,705	4,245,743
Adjusted fully-diluted earnings per share (\$)(2)	4.51	5.63	6.29	6.96	7.07
Dividend per share (€)	2.44(3)	2.44	2.38	2.34	2.28
Dividend per ADR (\$)	2.67 (3) (4)	2.93	3.24	3.05	2.97
Pay-out ⁽⁵⁾	60%	58%	50%	43%	45%
Price-to-earning ratio (6)	10.1	10.1	9.4	7.2	7.8
Yield ⁽⁷⁾	5.91%	5.74%	5.34%	6.00%	5.77%

⁽¹⁾ Excluding shares owned by the Group and cancelled in the Consolidated Balance Sheet under IFRS.
(2) Adjusted results are defined as income at replacement cost, excluding non-recurring items, and excluding the impact of fair value changes.
(3) Pending approval at the May 24, 2016 AGM. This amount includes the first two quarterly interim dividends of 0.61 € per share paid on October 21, 2015, January 14, 2016 and the third quarterly interim dividend of 0.61 € per share payable on June 23, 2016.
(4) 2015 estimated dividend in dollars includes the first quarterly interim ADR dividend of \$0.69 paid in October 2015 and the second quarterly interim ADR dividend of \$0.66 payable in April 2016 and the proposed final ADR dividend of \$0.66 payable in July 2016, both converted at a rate of \$1.09/€.
(5) Dividend (€)/adjusted fully-diluted earnings per share.
(6) Share price at year-end (€)/adjusted fully-diluted earnings per share.

PAYROLL (1)

For the year ended December 31, (in million dollars)	2015	2014	2013	2012	2011
Wages and salaries (including social charges)	8,088	9,690	9,424	9,167	9,158

⁽¹⁾ Personnel expenses and number of employees of fully-consolidated subsidiaries.

NUMBER OF EMPLOYEES

As of December 31,	2015	2014	2013	2012	2011
Number of employees by region ⁽¹⁾					
France	31.5%	32.5%	33.6%	36.0%	36.5%
Rest of Europe	24.5%	23.9%	23.4%	23.5%	23.4%
Rest of world	44.0%	43.6%	43.0%	40.5%	40.1%
	00.010	400.007	00.700	07.106	96,104
Total	96,019	100,307	98,799	97,126	90,104
As of December 31,	2015	2014	2013	2012	2011
	7.7	<u> </u>	<u> </u>	·	<u> </u>
As of December 31,	7.7	<u> </u>	<u> </u>	·	<u> </u>
As of December 31, Number of employees by business segment ⁽¹⁾	2015	2014	2013	2012	2011
As of December 31, Number of employees by business segment (1) Upstream	2015	2014	2013	2012	2011
As of December 31, Number of employees by business segment (1) Upstream Refining & Chemicals	2015 17.9% 50.2%	2014 18.3% 51.5%	2013 18.2% 52.1%	2012 18.6% 53.1%	2011 18.4% 52.4%

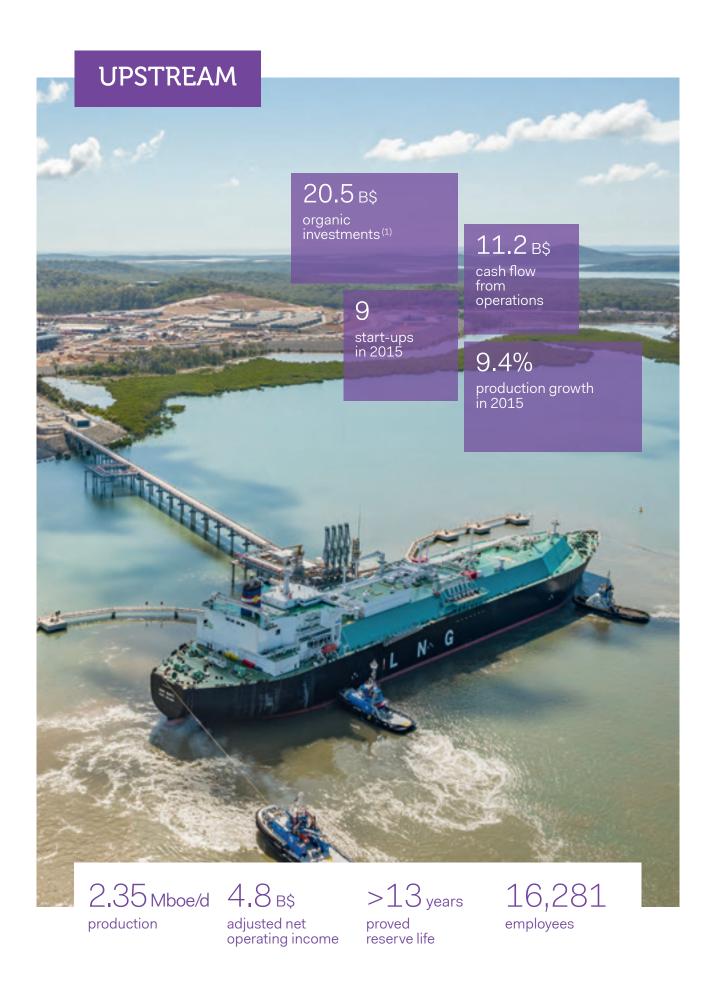
⁽¹⁾ Personnel expenses and number of employees of fully-consolidated subsidiaries.

As of December 31, 2015

Number of employees present by business segment (2)	
Upstream	
Exploration & Production	15,366
Gas & Power	915
Refining & Chemicals	
Refining & Chemicals	46,661
Trading & Shipping	563
Marketing & Services	
Marketing & Services	19,923
New Energies	8,475
Corporate	1,568

⁽²⁾ Employees present: employees present are employees on the payroll of the consolidated scope, less employees who are not present, i.e., persons who are under suspended contract (sabbatical, business development leave, etc.), absent on long-term sick leave (more than six months), assigned to a company outside the Group, etc.

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2016 OUTLOOK

The Upstream segment comprises...

Exploration & Production

Presence in more than fifty countries with oil or gas production in approximately thirty countries.

Gas

Conducts activities downstream from production related to natural gas, Liquefied Natural Gas (LNG) and Liquefied Petroleum Gas (LPG), as well as power generation and trading, and other activities.



major start-ups in 2016, 2 already in production

4%

targeted production growth in 2016

Exploration budget

1.5_{B\$}

35%

reduction in E&P Opex per barrel (ASC 932) vs 2014

FINANCIAL HIGHLIGHTS (1)

(in million dollars)	2015	2014	2013	2012	2011
Adjusted operating income ⁽¹⁾	4,925	17,156	23,700	28,333	31,525
Adjusted net operating income (1)	4,774	10,504	12,450	14,316	14,798
Gross investments (2)	24,270	26,520	29,750	25,200	28,761
Organic investments (3)	20,508	22,959	24,102	20,106	16,872
Divestments	3,215	5,764	5,786	3,595	3,607
Cash flow from operations	11,182	16,666	21,857	24,354	23,724

 ⁽¹⁾ Adjusted results are defined as income at replacement cost, excluding non-recurring items, and excluding the impact of fair value changes.
 (2) Including acquisitions and increases in non current-loans.
 (3) Organic investments = net investments, excluding acquisitions, divestments and other operations with non-controlling interests.

PRODUCTION

	2015	2014	2013	2012	2011
Liquids (Kb/d) ⁽¹⁾	1,237	1,034	1,167	1,220	1,226
Gas (Mcf/d)	6,054	6,063	6,184	5,880	6,098
Combined production (Kboe/d)	2,347	2,146	2,299	2,300	2,346

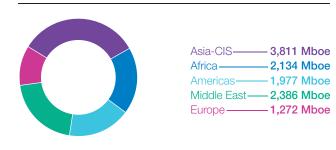
⁽¹⁾ Including bitumen.

PROVED RESERVES (1)

	2015	2014	2013	2012	2011
Liquids (Mb) (2)	5,605	5,303	5,413	5,686	5,784
Gas (Bcf)	32,206	33,590	33,026	30,877	30,717
Total (Mboe)	11,580	11,523	11,526	11,368	11,423

⁽¹⁾ Proved reserves are calculated in accordance with the United States Securities and Exchange Commission regulations. (2) Including bitumen.

2015 Proved reserves by geographical area: 11,580 Mboe



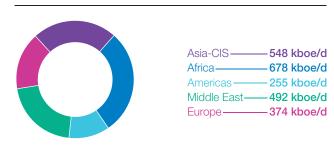
KEY OPERATING RATIOS ON PROVED RESERVES - GROUP

(three-year average)	2013-2015	2012-2014	2011-2013	2010-2012	2009-2011
Finding costs (\$/boe)(1)	4.2	5.5	7.9	8.1	6.6
Reserve replacement costs (\$/boe) (2)	23.2	24.8	21.4	17.9	16.1
Reserve replacement rate (%)(3)(4)	109	104	133	134	138
Organic reserve replacement rate (%)(4)(5)	121	107	89	79	80
(in years)	2015	2014	2013	2012	2011
Reserve life (6)	13.5	14.7	13.7	13.5	13.3

KEY OPERATING RATIOS ON PROVED RESERVES - CONSOLIDATED SUBSIDIARIES

(in dollars per barrel of oil equivalent)	2013-2015	2012-2014	2011-2013	2010-2012	2009-2011
Finding costs ⁽¹⁾	6.5	10.3	10.3	8.0	6.3
Reserve replacement costs (2)	36.5	47.4	34.3	21.6	18.4
(in dollars per barrel of oil equivalent)	2015	2014	2013	2012	2011
Operating costs	7.4	9.9	8.9	7.9	7.0
Exploration costs	2.4	3.4	3.7	3.0	2.2
DD&A ⁽³⁾	13.2	15.0	13.5	11.9	9.7
Technical costs (4)	23.0	28.3	26.1	22.8	18.9

Total production for 2015: 2,347 kboe/d



 ^{(1) (}Exploration costs + unproved property acquisition)/(revisions + extensions and discoveries).
 (2) Total costs incurred/(revisions + extensions, discoveries + acquisitions). Revision of historical costs incurred since 2011 triggering a revision in reserve replacement costs.
 (3) (Revisions + extensions, discoveries + acquisitions - sales of reserves)/production for the period.
 (4) Including the mechanical effect of changes in oil prices at year-end.

^{(5) (}Revisions + extensions, discoveries)/production for the period; excluding acquisitions and sales of reserves.
(6) Reserves at year-end/production of the year.

 ^{(1) (}Exploration costs + unproved property acquisition)/(revisions + extensions, discoveries).
 (2) Total costs incurred/(revisions + extensions, discoveries + acquisitions). Revision of historical costs incurred since 2011 triggering a revision in reserve replacement costs.
 (3) Excluding non-recurring items.

^{(4) (}Production costs + exploration expenses + DD&A)/production of the year.

COMBINED LIQUIDS AND GAS PRODUCTION (1)

(in thousands of barrels of oil equivalent per day)	2015	2014	2013	2012	2011
Africa	678	657	670	713	659
Algeria	25	20	21	23	33
Angola	248	200	186	179	135
Cameroon	-	-	_	_	3
Gabon	59	58	59	57	58
Libya	14	27	50	62	20
Nigeria	245	257	261	279	287
The Congo, Republic of	87	95	93	113	123
North America	103	90	73	69	67
Canada (2)	14	12	13	12	11
United States	89	78	60	57	56
South America	152	157	166	182	188
Argentina	72	75	78	83	86
Bolivia	28	30	28	27	25
Colombia	-	-	_	6	11
Trinidad & Tobago	-	-	12	16	12
Venezuela	52	52	48	50	54
Asia – Pacific	258	238	235	221	231
Australia	4	4	4	5	4
Brunei	15	15	13	12	13
China	11	12	8	1	-
Indonesia	147	130	131	132	158
Myanmar	19	17	16	16	15
Thailand	62	60	63	55	41
Commonwealth of Independent States	290	249	227	195	119
Azerbaijan	-	14	20	16	14
Russia	290	235	207	179	105
Europe	374	364	392	427	512
France	-	2	9	13	18
Netherlands	28	31	35	33	38
Norway	239	242	243	275	287
United Kingdom	107	89	105	106	169
Middle East	492	391	536	493	570
U.A.E.	287	127	260	246	240
Iraq	18	12	7	6	-
Oman	36	36	37	37	36
Qatar	134	132	137	139	155
Syria	-		<u> </u>	<u> </u>	53
Yemen	17	84	95	65	86
Total production	2,347	2,146	2,299	2,300	2,346
Including share of equity affiliates	559	571	687	611	571
Algeria	-				10
Angola	-	2	3	-	-
Colombia	-		-		4
Venezuela	37	38	37	40	45
U.A.E.	116	118	253	237	231
Oman	34	34	35	34	34
Qatar	77	77	78	74	78
Yemen	15	75	84	55	74
Russia	280	227	197	171	95

⁽¹⁾ Including fuel gas (435 Mcf/d in 2015, 426 Mcf/d in 2014, 415 Mcf/d in 2013, 394 Mcf/d in 2012). (2) The Group's production in Canada consists of bitumen only. All of the Group's bitumen production is in Canada.

LIQUIDS PRODUCTION

(in thousands of barrels per day)	2015	2014	2013	2012	2011
Africa	542	522	531	574	517
Algeria	7	5	5	6	16
Angola	238	191	175	172	128
Cameroon	-	-	-	-	2
Gabon	55	55	55	54	55
Libya	14	27	50	62	20
Nigeria	147	156	158	173	179
The Congo, Republic of	81	88	88	107	117
North America	48	39	28	25	27
Canada ⁽¹⁾	14	12	13	12	11
United States	34	27	15	13	16
South America	47	50	54	59	71
Argentina	8	9	13	12	14
Bolivia	3	4	4	3	3
Colombia	-			1	5
Trinidad & Tobago	-		2	4	4
Venezuela	36	37	35	39	45
Asia - Pacific	34	30	30	27	27
Brunei	3	2	2	2	2
Indonesia	22	18	17	16	18
Thailand	9	10	11	9	7
Commonwealth of Independent States	54	36	32	27	22
Azerbaijan	-	3	5	4	4
Russia	54	33	27	23	18
Europe	161	165	168	197	245
France	-		1	2	5
Netherlands	1	1	1	1	1
Norway	125	135	136	159	172
United Kingdom	35	29	30	35	67
Middle East	351	192	324	311	317
U.A.E.	274	115	247	233	226
Iraq	18	12	7	6	
Oman	25	24	24	24	24
Qatar	32	32	36	38	44
Syria	-				11
Yemen	2	9	10	10	12
Total production	1,237	1,034	1,167	1,220	1,226
Including share of equity affiliates	219	200	325	308	316
Algeria	-	-	-	-	10
Colombia	-				4
Venezuela	36	37	35	38	44
U.A.E.	107	109	240	225	219
Oman	24	23	23	23	22
Qatar	7	7	8		8
Russia	45	24	19	15	9

⁽¹⁾ The Group's production in Canada consists of bitumen only. All of the Group's bitumen production is in Canada.

GAS PRODUCTION (1)

(in millions of cubic feet per day)	2015	2014	2013	2012	2011
Africa	677	693	699	705	715
Algeria	96	79	82	90	94
Angola	49	54	62	44	39
Cameroon	-	-	-	-	1
Gabon	15	14	16	19	17
Nigeria	487	511	511	521	534
The Congo, Republic of	30	35	28	31	30
North America	308	285	256	246	227
United States	308	285	256	246	227
South America	588	599	627	682	648
Argentina	354	367	366	394	397
Bolivia	133	139	129	124	118
Colombia	-	-	-	23	27
Trinidad & Tobago	-	-	52	70	47
Venezuela	101	93	80	71	59
Asia - Pacific	1,290	1,178	1,170	1,089	1,160
Australia	28	23	25	29	25
Brunei	62	66	59	54	56
China	59	63	46		
Indonesia	676	594	605	605	757
Myanmar	153	135	129	127	119
Thailand	312	297	306	267	203
Commonwealth of Independent States	1,252	1,135	1,046	909	525
Azerbaijan	_	59	82	64	57
Russia	1,252	1,076	964	845	468
Europe	1,161	1,089	1,231	1,259	1,453
France		9	45	58	69
Netherlands	158	<u></u>	195	184	214
Norway	614	576	575	622	619
United Kingdom	389	333	416	395	551
Middle East	778	1,084	1,155	990	1,370
U.A.E. Iraq	66	61 1		70	72
Oman	58	61	66	61	62
Qatar	573	555	558	560	616
Syria	-				218
Yemen	80	406	459	299	402
Total production	6,054	6,063	6,184	5,880	6,098
Including above of equity effiliates	1,828	1 000	1.055	1 625	1 202
Including share of equity affiliates Algeria	1,020	1,988	1,955	1,635	1,383
Angola			<u>-</u> 16		
Venezuela Venezuela	7	6			7
U.A.E.	50	<u></u> 51	61	61	62
Oman Oman	58	61	66	60	62
Qatar	383	381	385	364	382
Yemen	80	404	458	299	402
Russia	1,250	1,075	962	844	465
	1,200	1,070			403

 $^{(1)\ \} Including\ fuel\ gas\ (435\ Mcf/d\ in\ 2015,\ 426\ Mcf/d\ in\ 2014,\ 415\ Mcf/d\ in\ 2013,\ 394\ Mcf/d\ in\ 2012).$

CHANGES IN OIL, BITUMEN AND GAS RESERVES

The following tables present, for oil, bitumen and gas reserves, an estimate of the Group's oil, bitumen and gas quantities by geographic areas as of December 31, 2015, 2014, 2013, 2012 and 2011.

Quantities shown concern proved developed and undeveloped reserves together with changes in quantities for 2015, 2014, 2013, 2012 and 2011.

The definitions used for proved, proved developed and proved undeveloped oil and gas reserves are in accordance with the revised Rule 4-10 of SEC Regulation S-X.

All references in the following tables to reserves or production are to the Group's entire share of such reserves or production.

TOTAL's worldwide proved reserves include the proved reserves of its consolidated subsidiaries as well as its proportionate share of the proved reserves of equity affiliates.

(in millions of barrels of oil equivalent)						Consolidated	l subsidiaries
Proved developed and undeveloped reserves	Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia)	Russia	Total
Balance as of December 31, 2010	1,706	3,371	1,540	574	1,069	30	8,290
Revisions of previous estimates	117	(61)	(36)	(68)	(16)	(3)	(67)
Extensions, discoveries and other	57	6	-	_	588	_	651
Acquisitions of reserves in place	44	_	309	_	2	_	355
Sales of reserves in place	_	(65)	-	_	-	_	(65)
Production for the year	(187)	(237)	(75)	(56)	(90)	(3)	(648)
Balance as of December 31, 2011	1,737	3,014	1,738	450	1,553	24	8,516
Revisions of previous estimates	64	65	7	(23)	9	6	128
Extensions, discoveries and other	67	173	110	29	40	3	422
Acquisitions of reserves in place	32	-	-	-	-	-	32
Sales of reserves in place	(38)	(71)	(8)	-	-	-	(117)
Production for the year	(156)	(261)	(77)	(34)	(87)	(3)	(618)
Balance as of December 31, 2012	1,706	2,920	1,770	422	1,515	30	8,363
Revisions of previous estimates	18	(97)	44	11	48	_	24
Extensions, discoveries and other	12	20	135	2	226	1	396
Acquisitions of reserves in place	_	-	-	_	132		132
Sales of reserves in place	(51)	_	(51)	_	-		(102)
Production for the year	(143)	(243)	(74)	(31)	(94)	(3)	(588)
Balance as of December 31, 2013	1,542	2,600	1,824	404	1,827	28	8,225
Revisions of previous estimates	31	48	(11)	7	21	4	100
Extensions, discoveries and other	21	111	151	3	29		315
Acquisitions of reserves in place	1			_			1
Sales of reserves in place	(26)	(21)	-	_	(206)		(253)
Production for the year	(133)	(240)	(76)	(32)	(91)	(3)	(575)
Balance as of December 31, 2014	1,436	2,498	1,888	382	1,580	29	7,813
Revisions of previous estimates	(10)	(121)	144	110	73	_	196
Extensions, discoveries and other	11	9	6	864	7	_	897
Acquisitions of reserves in place	_	-	-	_	-	_	-
Sales of reserves in place	(28)	(76)	(160)	_	-	_	(264)
Production for the year	(137)	(247)	(79)	(91)	(94)	(4)	(652)
Balance as of December 31, 2015	1,272	2,063	1,799	1,265	1,566	25	7,990
Minority interest in proved developed and unde	veloped reserve	es as of					
December 31, 2011	_	98	_	_	_		98
December 31, 2012	-	99	-	_	-		99
December 31, 2013	_	159	-	_	_		159
December 31, 2014	-	146	-	-	-		146
December 31, 2015	-	128	-	-	-	-	128

Africa Americas Middle East Asia-CIS (excl. Russia) Russia Total Proved developed Europe and undeveloped reserves Balance as of December 31, 2010 107 486 1,812 2,405 Revisions of previous estimates (1) (8)(20)(29)Extensions, discoveries and other Acquisitions of reserves in place 779 779 Sales of reserves in place (24)(4)(11)(39)Production for the year (4) (18)(152)(35)(209)-2,907 Balance as of December 31, 2011 78 456 1,629 744 78 2 46 Revisions of previous estimates (39)5 158 158 Extensions, discoveries and other Acquisitions of reserves in place 118 118 Sales of reserves in place (224) Production for the year (15)(146)(63)Balance as of December 31, 2012 80 402 1,488 1,035 3,005 Revisions of previous estimates (3)(141)(3)33 (114)Extensions, discoveries and other 14 622 636 Acquisitions of reserves in place 117 117 Sales of reserves in place (92)(92)Production for the year (1) (13)(164)(73)(251)Balance as of December 31, 2013 76 248 1,335 1,642 3,301 (2) (2) 2 (8)6 Revisions of previous estimates 516 518 Extensions, discoveries and other 2 107 107 Acquisitions of reserves in place Sales of reserves in place (6)(6)Production for the year (1) (14)(110)(83)(208)Balance as of December 31, 2014 73 236 1,219 2,182 3,710 Revisions of previous estimates (2)(44)(10)96 40 Extensions, discoveries and other Acquisitions of reserves in place 56 56

(14)

178

71

(88)

1,121

(in millions of barrels of oil equivalent)

Sales of reserves in place

Balance as of December 31, 2015

Production for the year

(12)

(102)

2,220

(12)

(204)

3,590

Equity affiliates

CHANGES IN OIL, BITUMEN AND GAS RESERVES

(in millions of barrels of oil equivalent)				Consolidated subsidiaries and equity affiliates								
	Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia)	Russia	Total					
As of December 31, 2011												
Proved developed and undeveloped reserves	1,737	3,092	2,194	2,079	1,553	768	11,423					
Consolidated subsidiaries Equity affiliates	1,737	3,014 78	1,738 456	450 1,629	1,553	24 744	8,516 2,907					
Proved developed reserves	894	1,660	647	1,869	302	674	6,046					
Consolidated subsidiaries Equity affiliates	894	1,639 21	524 123	371 1,498	302	19 655	3,749 2,297					
Proved undeveloped reserves	843	1,432	1,547	210	1,251	94	5,377					
Consolidated subsidiaries Equity affiliates	843	1,375 57	1,214 333	79 131	1,251	5 89	4,767 610					
As of December 31, 2012												
Proved developed and undeveloped reserves	1,706	3,000	2,172	1,910	1,515	1,065	11,368					
Consolidated subsidiaries	1,706	2,920	1,770	422	1,515	30	8,363					
Equity affiliates	<u> </u>	80	402	1,488	-	1,035	3,005					
Proved developed reserves	827	1,584	616	1,718	290	754	5,789					
Consolidated subsidiaries	827	1,563	475	349	290	23	3,527					
Equity affiliates		21	141	1,369	-	731	2,262					
Proved undeveloped reserves	879	1,416	1,556	192	1,225	311	5,579					
Consolidated subsidiaries	879	1,357	1,295	73	1,225	7	4,836					
Equity affiliates	-	59	261	119	-	304	743					

(III IIIIIIIOIIS OI DAITEIS OI OII EQUIVAIEIII)	Consolidated subsidianes and equity anniates									
	Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia)	Russia	Tota			
As of December 31, 2013										
Proved developed and undeveloped reserves	1,542	2,676	2,072	1,739	1,827	1,670	11,526			
Consolidated subsidiaries	1,542	2,600	1,824	404	1,827	28	8,225			
Equity affiliates	-	76	248	1,335	-	1,642	3,301			
Proved developed reserves	766	1,469	540	1,577	539	783	5,674			
Consolidated subsidiaries	766	1,452	452	330	539	21	3,560			
Equity affiliates		17	88	1,247		762	2,114			
Proved undeveloped reserves	776	1,207	1,532	162	1,288	887	5,852			
Consolidated subsidiaries	776	1,148	1,372	74	1,288	7	4,665			
Equity affiliates	-	59	160	88	_	880	1,187			
As of December 31, 2014										
Proved developed										
and undeveloped reserves	1,436	2,571	2,124	1,601	1,580	2,211	11,523			
Consolidated subsidiaries	1,436	2,498	1,888	382	1,580	29	7,813			
Equity affiliates		73	236	1,219		2,182	3,710			
Proved developed reserves	737	1,472	535	1,442	453	1,067	5,706			
Consolidated subsidiaries	737	1,455	450	316	453	18	3,429			
Equity affiliates	-	17	85	1,126	-	1,049	2,277			
Proved undeveloped reserves	699	1,099	1,589	159	1,127	1,144	5,817			
Consolidated subsidiaries	699	1,043	1,438	66	1,127	11	4,384			
Equity affiliates	-	56	151	93		1,133	1,433			
As of December 31, 2015										
Proved developed										
and undeveloped reserves	1,272	2,134	1,977	2,386	1,566	2,245	11,580			
Consolidated subsidiaries	1,272	2,063	1,799	1,265	1,566	25	7,990			
Equity affiliates	-	71	178	1,121	-	2,220	3,590			
Proved developed reserves	756	1,215	626	2,020	499	1,070	6,186			
Consolidated subsidiaries	756	1,203	549	1,028	499	16	4,051			
Equity affiliates	-	12	77	992	-	1,054	2,135			
Proved undeveloped reserves	516	919	1,351	366	1,067	1,175	5,394			
Consolidated subsidiaries	 516	860	1,250	237	1,067	9	3,939			
	010	000	1,200	201	1,007	9	0,000			

CHANGES IN OIL RESERVES

Oil reserves include crude oil, condensates and natural gas liquids reserves.

Proved developed	Europe	Africa	Americas	Middle East	Asia-CIS	Russia	Tota
and undeveloped reserves		Airica	Americas	wilddie East	(excl. Russia)	nussia	101a
Balance as of December 31, 2010	792	2,350	79	239	528	26	4,014
Revisions of previous estimates	49	(19)	9	(33)	(21)	(3)	(18)
Extensions, discoveries and other	17	6	-	-	58	-	81
Acquisitions of reserves in place	42		_	_		-	42
Sales of reserves in place	-	(57)	_	_		-	(57)
Production for the year	(88)	(185)	(15)	(25)	(12)	(3)	(328)
Balance as of December 31, 2011	812	2,095	73	181	553	20	3,734
Revisions of previous estimates	20	61	10	2	3	7	103
Extensions, discoveries and other	27	148	8	28	3	3	217
Acquisitions of reserves in place	7			_		-	7
Sales of reserves in place	(32)	(45)	(2)	_		-	(79)
Production for the year	(72)	(210)	(12)	(21)	(11)	(3)	(329)
Balance as of December 31, 2012	762	2,049	77	190	548	27	3,653
Revisions of previous estimates	 19	50	7	7	 75		158
Extensions, discoveries and other	6	19	20	2	20	1	68
Acquisitions of reserves in place	_	_	_	_	34	_	34
Sales of reserves in place	(49)	_	(6)	_		-	(55)
Production for the year	(60)	(194)	(12)	(20)	(13)	(3)	(302)
Balance as of December 31, 2013	678	1,924	86	179	664	25	3,556
Revisions of previous estimates	8	33	3	5	10	4	63
Extensions, discoveries and other	3	101	14	3	2	_	123
Acquisitions of reserves in place	_	_	_	_		-	-
Sales of reserves in place	(11)	(20)	_	_	(32)	-	(63)
Production for the year	(60)	(191)	(15)	(19)	(12)	(3)	(300)
Balance as of December 31, 2014	618	1,847	88	168	632	26	3,379
Revisions of previous estimates	(18)	(120)	27	76	20		(15)
Extensions, discoveries and other	4	8	2	856		-	870
Acquisitions of reserves in place	_	_		_		-	-
Sales of reserves in place	(4)	(57)		_		-	(61)
Production for the year	(60)	(198)	(16)	(78)	(12)	(3)	(367)
Balance as of December 31, 2015	540	1,480	101	1,022	640	23	3,806
Minority interest in proved developed and under	veloped reserve	es as of					
December 31, 2011		88					88
December 31, 2011		<u>00</u> _ 87					87
December 31, 2012 December 31, 2013		87 140		-	<u>-</u>		140
December 31, 2013 December 31, 2014		128			<u>-</u>		128
·	-		_	-	-		
December 31, 2015	-	115	-	-	-	-	115

(in millions of barrels) Equity affiliates

Proved developed and undeveloped reserves	Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia)	Russia	Total
Balance as of December 31, 2010	-	34	470	680	-	-	1,184
Revisions of previous estimates		2	(6)	(12)	_	-	(16)
Extensions, discoveries and other	_	-	-	-	-	_	-
Acquisitions of reserves in place	-	-	_	_	-	51	51
Sales of reserves in place	-	(22)	(4)	(12)	-	-	(38)
Production for the year	-	(4)	(17)	(91)	-	(3)	(115)
Balance as of December 31, 2011	-	10	443	565	-	48	1,066
Revisions of previous estimates	-	5	(40)	5		9	(21)
Extensions, discoveries and other	-	-	_	_	-	51	51
Acquisitions of reserves in place	-	-	_	_	-	11	11
Sales of reserves in place	-	_	_	_	-	_	-
Production for the year	-	-	(15)	(93)	-	(5)	(113)
Balance as of December 31, 2012	-	15	388	477	-	114	994
Revisions of previous estimates	-	(3)	(138)	(6)	_	(4)	(151)
Extensions, discoveries and other	-	-	-	-	-	32	32
Acquisitions of reserves in place	-	-	_	_	-	13	13
Sales of reserves in place	-	-	-	-	-	-	-
Production for the year	-	-	(13)	(99)	-	(7)	(119)
Balance as of December 31, 2013	-	12	237	372	-	148	769
Revisions of previous estimates	-	(5)	2	(3)		(3)	(9)
Extensions, discoveries and other	-	-	_	3	-	81	84
Acquisitions of reserves in place	-	-	-	-	-	9	9
Sales of reserves in place	-	-	_	_	-	(1)	(1)
Production for the year	-	-	(13)	(51)	-	(9)	(73)
Balance as of December 31, 2014	-	7	226	321	-	225	779
Revisions of previous estimates		6	(42)	(11)		34	(13)
Extensions, discoveries and other	-	-	-		-	_	-
Acquisitions of reserves in place	_	-	-	_	-	6	6
Sales of reserves in place	-	-	-	_	-	(2)	(2)
Production for the year	-	-	(14)	(50)	-	(17)	(81)
Balance as of December 31, 2015	-	13	170	260	-	246	689

CHANGES IN OIL RESERVES

(in millions of barrels of oil equivalent)	Consolidated subsidiaries and equity affiliates									
-	Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia)	Russia	Total			
As of December 31, 2011										
Proved developed and undeveloped reserves	812	2,105	516	746	553	68	4,800			
Consolidated subsidiaries Equity affiliates	812	2,095	73 443	181 565	553	20 48	3,734 1,066			
Proved developed reserves	351	1,206	165	565	33	58	2,378			
Consolidated subsidiaries Equity affiliates	351	1,202 4	48 117	116 449	33	17 41	1,767 611			
Proved undeveloped reserves	461	899	351	181	520	10	2,422			
Consolidated subsidiaries Equity affiliates	461	893 6	25 326	65 116	520	3 7	1,967 455			
As of December 31, 2012										
Proved developed and undeveloped reserves	762	2,064	465	667	548	141	4,647			
Consolidated subsidiaries	762	2,049	77	190	548	27	3,653			
Equity affiliates		15	388	477		114	994			
Proved developed reserves	289	1,145	179	506	34	76	2,229			
Consolidated subsidiaries	289	1,139	44	133	34	21	1,660			
Equity affiliates	<u> </u>	6	135	373	-	55	569			
Proved undeveloped reserves	473	919	286	161	514	65	2,418			
Consolidated subsidiaries	473	910	33	57	514	6	1,993			
Equity affiliates	-	9	253	104	-	59	425			

	Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia)	Russia	Total
As of December 31, 2013					(exci. Russia)		
Proved developed							
and undeveloped reserves	678	1,936	323	551	664	173	4,325
Consolidated subsidiaries	678	1,924	86	179	664	25	3,556
Equity affiliates		12	237	372	-	148	769
Proved developed reserves	274	1,068	128	419	216	88	2,193
Consolidated subsidiaries	274	1,064	45	119	216	19	1,737
Equity affiliates		4	83	300	-	69	456
Proved undeveloped reserves	404	868	195	132	448	85	2,132
Consolidated subsidiaries	404	860	41	60	448	6	1,819
Equity affiliates		8	154	72		79	313
As of December 31, 2014							
Proved developed							
and undeveloped reserves	618	1,854	314	489	632	251	4,158
Consolidated subsidiaries	618	1,847	88	168	632	26	3,379
Equity affiliates		7	226	321	-	225	779
Proved developed reserves	263	1,069	136	377	200	136	2,181
Consolidated subsidiaries	263	1,065	54	117	200	16	1,715
Equity affiliates	-	4	82	260	-	120	466
Proved undeveloped reserves	355	785	178	112	432	115	1,977
Consolidated subsidiaries	355	782	34	51	432	10	1,664
Equity affiliates	-	3	144	61	-	105	313
As of December 31, 2015							
Proved developed							
and undeveloped reserves	540	1,493	271	1,282	640	269	4,495
Consolidated subsidiaries	540	1,480	101	1,022	640	23	3,806
Equity affiliates	-	13	170	260	-	246	689
Proved developed reserves	262	865	145	1,032	200	151	2,655
Consolidated subsidiaries	262	862	71	817	200	15	2,227
Equity affiliates	-	3	74	215	-	136	428
Proved undeveloped reserves	278	628	126	250	440	118	1,840
Consolidated subsidiaries	278	618	30	205	440	8	1,579
Equity affiliates	-	10	96	45	-	110	261

CHANGES IN BITUMEN RESERVES

(in millions of barrels)	Consolidated subsidiaries								
Proved developed and undeveloped reserves	Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia)	Russia	Total		
Balance as of December 31, 2010	-	-	789	-	-	-	789		
Revisions of previous estimates	-		(109)	-	-	-	(109)		
Extensions, discoveries and other	-						-		
Acquisitions of reserves in place	-		308				308		
Sales of reserves in place	-						-		
Production for the year	-		(4)				(4)		
Balance as of December 31, 2011	-	-	984	-	-	-	984		
Revisions of previous estimates	-	_	43	-	_	_	43		
Extensions, discoveries and other	-	_	15	_	_	_	15		
Acquisitions of reserves in place	-	-	_	-	_	-	-		
Sales of reserves in place	-	-	-	-	-	-	-		
Production for the year	-	-	(4)	-	-	-	(4)		
Balance as of December 31, 2012	-	-	1,038	-	-	-	1,038		
Revisions of previous estimates	_		2	-			2		
Extensions, discoveries and other	-	_	53	_	_	_	53		
Acquisitions of reserves in place	-		_	_			-		
Sales of reserves in place	_		_	_			-		
Production for the year	-	-	(5)	-	_	-	(5)		
Balance as of December 31, 2013	-	-	1,088	-	-	-	1,088		
Revisions of previous estimates	-		(25)				(25)		
Extensions, discoveries and other	-		87	_			87		
Acquisitions of reserves in place	_						-		
Sales of reserves in place	-						-		
Production for the year	-		(5)	-			(5)		
Balance as of December 31, 2014	-	-	1,145	-	-	-	1,145		
Revisions of previous estimates	-		130	-		-	130		
Extensions, discoveries and other	_			_			_		
Acquisitions of reserves in place	_	_		_		_	_		
Sales of reserves in place	_		(160)	-		_	(160)		
Production for the year	-		(5)				(5)		
Balance as of December 31, 2015	-	-	1,110	_	_	-	1,110		
Proved developed reserves as of									
· · · · · · · · · · · · · · · · · · ·							0.4		
December 31, 2011			21				21		
December 31, 2012			18				18		
December 31, 2013			15				15		
December 31, 2014	-	-	17	-	-	-	17		
December 31, 2015	-	-	100	-	-	-	100		
Proved undeveloped reserves as of									
December 31, 2011	-	-	963	-	-	-	963		
December 31, 2012	-		1,020	_			1,020		
December 31, 2013	-		1,073				1,073		
December 31, 2014	-	-	1,128	-	_	-	1,128		
December 31, 2015	-	-	1,010	-	-	-	1,010		

There are no bitumen reserves for equity affiliates.

There are no minority interests for bitumen reserves.

CHANGES IN GAS RESERVES

(in billion cubic feet)	Consolidated subsidiaries

Proved developed and undeveloped reserves	Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia)	Russia	Total
Balance as of December 31, 2010	4,962	5,314	3,806	1,867	3,176	18	19,143
Revisions of previous estimates	358	(216)	367	(180)	-	1	330
Extensions, discoveries and other	211	-	-	-	2,824	-	3,035
Acquisitions of reserves in place	11	-	7	_	13	-	31
Sales of reserves in place	-	(46)	-	-	-	-	(46)
Production for the year	(528)	(259)	(317)	(169)	(444)	(1)	(1,718)
Balance as of December 31, 2011	5,014	4,793	3,863	1,518	5,569	18	20,775
Revisions of previous estimates	268	31	(278)	(132)	15	-	(96)
Extensions, discoveries and other	216	127	478	6	195	-	1,022
Acquisitions of reserves in place	138	-	-	-	-	-	138
Sales of reserves in place	(30)	(173)	(35)	-	-	-	(238)
Production for the year	(462)	(257)	(337)	(75)	(432)	(1)	(1,564)
Balance as of December 31, 2012	5,144	4,521	3,691	1,317	5,347	17	20,037
Revisions of previous estimates	(6)	(887)	199	29	(186)	-	(851)
Extensions, discoveries and other	27	12	336		1,074	-	1,449
Acquisitions of reserves in place	1	_	_		506	-	507
Sales of reserves in place	(13)	-	(243)	-	_	-	(256)
Production for the year	(450)	(248)	(320)	(68)	(457)	(1)	(1,544)
Balance as of December 31, 2013	4,703	3,398	3,663	1,278	6,284	16	19,342
Revisions of previous estimates	129	86	54	7	69	-	345
Extensions, discoveries and other	99	56	296	1	154	-	606
Acquisitions of reserves in place	6	-	_	_	-	-	6
Sales of reserves in place	(97)	(6)	-	_	(941)	-	(1,044)
Production for the year	(398)	(250)	(320)	(68)	(451)	(1)	(1,488)
Balance as of December 31, 2014	4,442	3,284	3,693	1,218	5,115	15	17,767
Revisions of previous estimates	46	(33)	(92)	174	304	1	400
Extensions, discoveries and other	40	7	24	42	38	-	151
Acquisitions of reserves in place	-	_	_			-	-
Sales of reserves in place	(135)	(93)	-	-	_	-	(228)
Production for the year	(424)	(247)	(324)	(75)	(471)	(1)	(1,542)
Balance as of December 31, 2015	3,969	2,918	3,301	1,359	4,986	15	16,548
Minority interest in proved developed and undeve	eloped reserves	as of					
December 31, 2011	<u> </u>	62					62
December 31, 2012		57					57
December 31, 2013							87
December 31, 2014		91					91
<u> </u>							

CHANGES IN GAS RESERVES

(in billion cubic feet)						Ec	uity affiliates
Proved developed and undeveloped reserves	Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia)	Russia	Total
Balance as of December 31, 2010	-	390	91	6,164	-	-	6,645
Revisions of previous estimates	-	(16)	(10)	(31)	-		(57)
Extensions, discoveries and other	-	-					-
Acquisitions of reserves in place						3,865	3,865
Sales of reserves in place		(10)					(10)
Production for the year	-	(1)	(2)	(331)	-	(167)	(501)
Balance as of December 31, 2011	-	363	79	5,802	-	3,698	9,942
Revisions of previous estimates	-	(21)	5	(4)		366	346
Extensions, discoveries and other	-	-	_	-	-	578	578
Acquisitions of reserves in place	-	-			_	568	568
Sales of reserves in place	-	-					-
Production for the year	-	(1)	(2)	(287)	-	(304)	(594)
Balance as of December 31, 2012	-	341	82	5,511	-	4,906	10,840
Revisions of previous estimates	-	8	(18)	16		191	197
Extensions, discoveries and other	-	-	_	77	-	3,209	3,286
Acquisitions of reserves in place	-	-				553	553
Sales of reserves in place						(485)	(485)
Production for the year	-	(6)	(2)	(354)	-	(345)	(707)
Balance as of December 31, 2013	-	343	62	5.250	-	8,029	13,684
Revisions of previous estimates	-	17	2	(25)		50	44
Extensions, discoveries and other						2,328	2,328
Acquisitions of reserves in place						521	521
Sales of reserves in place						(28)	(28)
Production for the year	-	(4)	(2)	(328)	-	(392)	(726)
Balance as of December 31, 2014	-	356	62	4,897	-	10,508	15,823
Revisions of previous estimates		(45)	(11)	6	-	337	287
Extensions, discoveries and other	-	-			_	_	-
Acquisitions of reserves in place	-					267	267
Sales of reserves in place	-		_			(52)	(52)
Production for the year	-		(3)	(208)		(456)	(667)
Balance as of December 31, 2015	-	311	48	4,695	-	10,604	15,658

(III billion cabic leet)	Oblisolidated subsidiaries and equity anniate									
	Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia)	Russia	Total			
As of December 31, 2011										
Proved developed and undeveloped reserves	5,014	5,156	3,942	7,320	5,569	3,716	30,717			
Consolidated subsidiaries Equity affiliates	5,014	4,793	3,863	1,518 5,802	5,569	18	20,775 9,942			
Proved developed reserves	2,943	2,308	2,600	7,170	1,582	3,272	19,875			
Consolidated subsidiaries Equity affiliates	2,943	2,216 92	2,567	1,450 5,720	1,582	12 3,260	10,770 9,105			
Proved undeveloped reserves	2,071	2,848	1,342	150	3,987	444	10,842			
Consolidated subsidiaries Equity affiliates	2,071	2,577 271	1,296 46	68 82	3,987	6 438	10,005 837			
As of December 31, 2012										
Proved developed and undeveloped reserves	5,144	4,862	3,773	6,828	5,347	4,923	30,877			
Consolidated subsidiaries Equity affiliates	5,144	4,521 341	3,691 82	1,317 5,511	5,347	17 4,906	20,037 10,840			
Proved developed reserves	2,927	2.192	2,356	6,656	1,513	3,602	19,246			
Consolidated subsidiaries Equity affiliates	2,927	2,110 82	2,316 40	1,240 5,416	1,513	13 3,589	10,119 9,127			
Proved undeveloped reserves	2,217	2,670	1,417	172	3,834	1,321	11,631			
Consolidated subsidiaries Equity affiliates	2,217	2,411 259	1,375 42	77 95	3,834	4 1,317	9,918 1,713			

CHANGES IN GAS RESERVES

(in billion cubic feet)				Conso	lidated subsidi	aries and equ	ity affiliates
	Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia)	Russia	Total
As of December 31, 2013							
Proved developed and undeveloped reserves	4,703	3,741	3,725	6,528	6,284	8,045	33,026
Consolidated subsidiaries Equity affiliates	4,703	3,398 343	3,663 62	1,278 5,250	6,284	16 8,029	19,342 13,684
Proved developed reserves	2,687	2,009	2,240	6,366	1,821	3,693	18,816
Consolidated subsidiaries Equity affiliates	2,687	1,937 72	2,210	1,210 5,156	1,821	13 3,680	9,878 8,938
Proved undeveloped reserves	2,016	1,732	1,485	162	4,463	4,352	14,210
Consolidated subsidiaries Equity affiliates	2,016	1,461 271	1,453 32	68 94	4,463	3 4,349	9,464 4,746
As of December 31, 2014							
Proved developed and undeveloped reserves	4,442	3,640	3,755	6,115	5,115	10,523	33,590
Consolidated subsidiaries Equity affiliates	4,442	3,284 356	3,693 62	1,218 4,897	5,115	15 10,508	17,767 15,823
Proved developed reserves	2,578	2,019	2,167	5,866	1,444	4,959	19,033
Consolidated subsidiaries Equity affiliates	2,578	1,952 67	2,145 22	1,144 4,722	1,444	9 4,950	9,272 9,761
Proved undeveloped reserves	1,864	1,621	1,588	249	3,671	5,564	14,557
Consolidated subsidiaries Equity affiliates	1,864	1,332	1,548 40	74 175	3,671	6 5,558	8,495 6,062
As of December 31, 2015							
Proved developed and undeveloped reserves	3,969	3,229	3,349	6,054	4,986	10,619	32,206
Consolidated subsidiaries Equity affiliates	3,969	2,918 311	3,301 48	1,359 4,695	4,986	15 10,604	16,548 15,658
Proved developed reserves	2,682	1,726	2,153	5,442	1,717	4,890	18,610
Consolidated subsidiaries	2,682	1,680	2,133	1,207	1,717	6	9,425
Equity affiliates	-	46	20	4,235	-	4,884	9,185
Proved undeveloped reserves	1,287	1,503	1,196	612	3,269	5,729	13,596
Consolidated subsidiaries Equity affiliates	1,287	1,238 265	1,168 28	152 460	3,269	5,720	7,123 6,473

RESULTS OF OPERATIONS FOR OIL AND GAS PRODUCING ACTIVITIES

The following tables do not include revenues and expenses related to oil and gas transportation activities and LNG liquefaction and transportation.

(in million dollars)					Co	onsolidated s	subsidiaries
	Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia)	Russia	Total
2011							
Revenues Non-Group sales	4,337	4,438	1,080	1,613	4,456	-	15,924
Revenues Group sales	9,823	15,819	1,063	1,026	681	310	28,722
Total Revenues	14,160	20,257	2,143	2,639	5,137	310	44,646
Production costs	(1,720)	(1,641)	(347)	(398)	(388)	(35)	(4,529)
Exploration expenses	(477)	(449)	(67)	(15)	(407)	(3)	(1,418)
Depreciation, depletion and amortization							
and valuation allowances	(1,858)	(2,568)	(490)	(387)	(1,039)	(62)	(6,404)
Other expenses ⁽¹⁾	(428)	(1,644)	(382)	(384)	(103)	(29)	(2,970)
Pre-tax income from producing activities	9,677	13,955	857	1,455	3,200	181	29,325
Income tax	(7,042)	(9,027)	(407)	(647)	(1,720)	(92)	(18,935)
Results of oil and gas producing activities	2,635	4,928	450	808	1,480	89	10,390
2012							
Revenues Non-Group sales	2,552	5,638	1,244	929	4,508	-	14,871
Revenues Group sales	8,809	17,268	820	1,298	750	265	29,210
Total Revenues	11,361	22,906	2,064	2,227	5,258	265	44,081
Production costs	(1,693)	(1,853)	(381)	(437)	(469)	(39)	(4,872)
Exploration expenses	(620)	(469)	(436)	(23)	(306)	(3)	(1,857)
Depreciation, depletion and amortization							
and valuation allowances	(2,551)	(3,308)	(2,002)	(588)	(1,130)	(75)	(9,654)
Other expenses ⁽¹⁾	(419)	(1,742)	(496)	(204)	(133)	(31)	(3,025)
Pre-tax income from producing activities	6,078	15,534	(1,251)	975	3,220	117	24,673
Income tax	(4,469)	(9,485)	291	(496)	(1,572)	(53)	(15,784)
Results of oil and gas producing activities	1,609	6,049	(960)	479	1,648	64	8,889
2013							
Revenues Non-Group sales	2,170	4,575	1,331	1,079	4,626	-	13,781
Revenues Group sales	7,749	16,072	808	901	742	268	26,540
Total Revenues	9,919	20,647	2,139	1,980	5,368	268	40,321
Production costs	(1,762)	(1,974)	(415)	(498)	(546)	(39)	(5,234)
Exploration expenses	(483)	(583)	(539)	(165)	(395)	(4)	(2,169)
Depreciation, depletion and amortization							
and valuation allowances	(1,817)	(3,433)	(1,214)	(725)	(1,607)	(85)	(8,881)
Other expenses ⁽¹⁾	(493)	(1,578)	(434)	(106)	(149)	(33)	(2,793)
Pre-tax income from producing activities	5,364	13,079	(463)	486	2,671	107	21,244
Income tax	(3,621)	(8,281)	56	(419)	(1,362)	(46)	(13,673)
Results of oil and gas producing activities	1,743	4,798	(407)	67	1,309	61	7,571

 $^{(1) \ \ \}text{Included production taxes and accretion expense as provided for by IAS 37 (\$470 \ \text{million in 2011}, \$502 \ \text{million in 2012}, \$566 \ \text{million in 2013}).}$

RESULTS OF OPERATIONS FOR OIL AND GAS PRODUCING ACTIVITIES

(in million dollars)						Consolidated	subsidiaries
	Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia)	Russia	Total
2014							
Revenues Non-Group sales	2,073	3,561	1,195	804	4,423		12,056
Revenues Group sales	5,966	13,386	971	972	742	236	22,273
Total Revenues	8,039	16,947	2,166	1,776	5,165	236	34,329
Production costs	(1,729)	(2,221)	(466)	(503)	(738)	(44)	(5,701)
Exploration expenses	(617)	(631)	(183)	(144)	(381)	(9)	(1,965)
Depreciation, depletion and amortization							
and valuation allowances	(1,988)	(4,750)	(5,717)	(545)	(2,058)	(97)	(15,155)
Other expenses (1)	(419)	(1,375)	(402)	(114)	(167)	(29)	(2,506)
Pre-tax income from producing activities	3,286	7,970	(4,602)	470	1,821	57	9,002
Income tax	(1,683)	(6,066)	882	(334)	(1,159)	(32)	(8,392)
Results of oil and gas producing activities	1,603	1,904	(3,720)	136	662	25	610
2015							
Revenues Non-Group sales	1,343	1,191	970	2,138	3,015		8,657
Revenues Group sales	3,821	7,959	271	1,715	351	129	14,246
Total Revenues	5,164	9,150	1,241	3,853	3,366	129	22,903
Production costs	(1,485)	(1,847)	(497)	(591)	(492)	(34)	(4,946)
Exploration expenses	(572)	(694)	(114)	(147)	(461)	(3)	(1,991)
Depreciation, depletion and amortization							
and valuation allowances	(2,335)	(6,941)	(1,548)	(558)	(3,563)	(203)	(15,148)
Other expenses ⁽¹⁾	(350)	(841)	(280)	(2,637)	(121)	(16)	(4,245)
Pre-tax income from producing activities	422	(1,173)	(1,198)	(80)	(1,271)	(127)	(3,427)
Income tax	443	(242)	210	(101)	(158)	(4)	148
Results of oil and gas producing activities	865	(1,415)	(988)	(181)	(1,429)	(131)	(3,279)

 $^{(1) \ \ \}text{Included production taxes and accretion expense as provided for by IAS 37 (\$526 \ \text{million in 2014} \ \text{and } \$497 \ \text{million in 2015}).$

(in million dollars)						Ec	uity affiliates
Group's share of results of oil and gas producing activities	urope	Africa	Americas	Middle East	Asia-CIS (excl. Russia)	Russia	Total
2011	-	17	152	1,424	-	61	1,654
2012	-	_	299	1,438	-	44	1,781
2013	-	-	105	1,867	-	223	2,195
2014	-	(21)	(69)	1,838	-	410	2,158
2015							
Revenues Non-Group sales	-		380	812	-	670	1,862
Revenues Group sales	-	-	10	2,404	-	-	2,414
Total Revenues	-	-	390	3,216	-	670	4,276
Production costs	-	-	(54)	(295)	-	(127)	(476)
Exploration expenses	-	_	_			(1)	(1)
Depreciation, depletion and amortization							
and valuation allowances	-		(98)	(400)		(58)	(556)
Other expenses	-	-	(170)	(1,638)	-	(134)	(1,942)
Pre-tax income from producing activities	-	-	68	883	-	350	1,301
Income tax	-	-	(36)	(184)	-	(65)	(285)
Results of oil and gas producing activities	-	-	32	699	-	285	1,016

COST INCURRED

The following tables set forth the costs incurred in the Group's oil and gas property acquisition, exploration and development activities, including both capitalized and expensed amounts. They do not include costs incurred related to oil and gas transportation and LNG liquefaction and transportation activities.

(in million dollars)					(Consolidated	subsidiaries
_	Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia) (2)	Russia	Total
2011							
Proved property acquisition	415	13	574	3	350	-	1,355
Unproved property acquisition	1	553	2,355	4	20	-	2,933
Exploration costs	703	535	354	24	578	3	2,197
Development costs (1)	3,274	5,422	1,828	457	3,643	131	14,755
Total cost incurred	4,393	6,523	5,111	488	4,591	134	21,240
2012							
Proved property acquisition	259	35		_	16		310
Unproved property acquisition	52	1,749	494	226	33	-	2,554
Exploration costs	768	742	734	45	434	3	2,726
Development costs (1)	4,090	5,563	2,351	394	3,337	107	15,842
Total cost incurred	5,169	8,089	3,579	665	3,820	110	21,432
2013							
Proved property acquisition	-	175	-	3	487	-	665
Unproved property acquisition	17	512	2,105	85	85	-	2,804
Exploration costs	679	889	585	231	538	4	2,926
Development costs (1)	5,239	8,545	3,191	464	4,395	147	21,981
Total cost incurred	5,935	10,121	5,881	783	5,505	151	28,376
2014							
Proved property acquisition	57	17		(1)	32	-	105
Unproved property acquisition	17	69	544	7	66		703
Exploration costs	466	1,057	375	228	485	9	2,620
Development costs ⁽¹⁾	4,495	8,126	3,468	478	3,680	116	20,363
Total cost incurred	5,035	9,269	4,387	712	4,263	125	23,791
2015							
Proved property acquisition	37			1,039	30	_	1,165
Unproved property acquisition			199	1,202		4	1,438
Exploration costs	563	321	515	229	316	3	1,947
Development costs (1)	3,987	7,686	3,143	496	3,129	97	18,538
Total cost incurred	4,587	8,095	3,857	2,966	3,479	104	23,088
(in million dollars)						Eq.	uity affiliates
· —	F	Africa	Ai	Middle Feet	A-:- 010		
Group's share of costs of property acquisition exploration and development	Europe	Africa	Americas	Middle East	Asia-CIS (excl.Russia)	Russia	Total
2011	-	3	150	438	-	6,606	7,197
2012	_	_	214	488	_	537	1,239
2013	-	_	170	458	_	734	1,362
2014	-	-	195	500		970	1,665
2015							
Proved property acquisition						218	218
Unproved property acquisition						14	14
Exploration costs				8		- ' '	8
Development costs ⁽¹⁾		-	83	398		405	886
Total cost incurred	-	-	83	406	-	637	1,126

⁽¹⁾ Including asset retirement costs capitalized during the year and any gains or losses recognized upon settlement of asset retirement obligation during the year. (2) Revision of historical costs out of ASC932 perimeter.

CAPITALIZED COST RELATED TO OIL AND GAS PRODUCING ACTIVITIES

Capitalized costs represent the amount of capitalized proved and unproved property costs, including support equipment and facilities, along with the related accumulated depreciation, depletion and amortization. The following tables do not include capitalized costs related to oil and gas transportation and LNG liquefaction and transportation activities.

(in million dollars)	Consolidated subsidiaries								
	Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia) (1)	Russia	Total		
As of December 31, 2011									
Proved properties	44,391	47,916	11,402	8,060	20,359	696	132,824		
Unproved properties	596	2,539	5,407	79	1,179		9,800		
Total capitalized costs	44,987	50,455	16,809	8,139	21,538	696	142,624		
Accumulated depreciation, depletion and amortization	(31,115)	(24,121)	(2,968)	(5,530)	(6,316)	(239)	(70,289)		
Net capitalized costs	13,872	26,334	13,841	2,609	15,222	457	72,335		
As of December 31, 2012									
Proved properties	46,781	53,517	13,336	8,455	23,336	803	146,228		
Unproved properties	717	4,200	5,706	327	808	-	11,758		
Total capitalized costs	47,498	57,717	19,042	8,782	24,144	803	157,986		
Accumulated depreciation,									
depletion and amortization	(31,217)	(26,868)	(4,247)	(6,133)	(7,433)	(314)	(76,212)		
Net capitalized costs	16,281	30,849	14,795	2,649	16,711	489	81,774		
As of December 31, 2013									
Proved properties	50,313	61,728	15,002	8,941	28,047	950	164,981		
Unproved properties	888	5,049	7,881	481	1,123		15,422		
Total capitalized costs	51,201	66,777	22,883	9,422	29,170	950	180,403		
Accumulated depreciation,	()		()		()	()	<i>,</i>		
depletion and amortization	(32,208)	(30,278)	(5,259)	(6,842)	(9,040)	(399)	(84,026)		
Net capitalized costs	18,993	36,499	17,624	2,580	20,130	551	96,377		
As of December 31, 2014									
Proved properties	46,444	69,277	17,774	8,115	30,622	1,066	173,298		
Unproved properties	628	5,045	8,309	566	1,730		16,278		
Total capitalized costs	47,072	74,322	26,083	8,681	32,352	1,066	189,576		
Accumulated depreciation, depletion and amortization	(28,748)	(34,438)	(10,657)	(6,304)	(11,005)	(496)	(91,648)		
Net capitalized costs	18,324	39,884	15,426	2,377	21,347	570	97,928		
As of December 31, 2015									
Proved properties	44,104	77,032	19,630	9,626	33,832	1,163	185,387		
Unproved properties	524	4,573	8,915	1,847	1,491	4	17,354		
Total capitalized costs	44,628	81,605	28,545	11,473	35,323	1,167	202,741		
Accumulated depreciation,									
depletion and amortization	(28,064)	(41,737)	(11,488)	(6,805)	(13,924)	(699)	(102,717)		
Net capitalized costs	16,564	39,868	17,057	4,668	21,399	468	100,024		

⁽¹⁾ Revision of historical costs out of ASC932 perimeter.

(in million dollars) Equity affiliates

<u>-</u>							
Group's share of net capitalized costs	Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia)	Russia	Total
As of December 31, 2011	-		821	1,500	-	6,349	8,670
As of December 31, 2012	-	_	1,150	1,447	_	6,247	8,844
As of December 31, 2013	-	_	1,007	1,418	_	7,096	9,521
As of December 31, 2014	-	_	1,101	1,152	-	4,607	6,860
As of December 31, 2015							
Proved properties	-	_	1,500	4,323	-	4,573	10,396
Unproved properties	-	_	_	_	_	202	202
Total capitalized costs	_	_	1,500	4,323	_	4,775	10,598
Accumulated depreciation,							
depletion and amortization	-	-	(403)	(3,192)	-	(655)	(4,250)
Net capitalized costs	-	-	1,097	1,131	-	4,120	6,348

STANDARDIZED MEASURE OF DISCOUNTED FUTURE NET CASH FLOWS (EXCLUDING TRANSPORTATION)

The standardized measure of discounted future net cash flows relating to proved oil and gas reserve quantities was developed as follows:

- 1. Estimates of proved reserves and the corresponding production profiles are based on current technical and economic conditions;
- 2. The estimated future cash flows are determined based on prices used in estimating the Group's proved oil and gas reserves;
- The future cash flows incorporate estimated production costs (including production taxes), future development costs and asset retirement costs. All cost estimates are based on year-end technical and economic conditions;
- 4. Future income taxes are computed by applying the year-end statutory tax rate to future net cash flows after consideration of permanent differences and future income tax credits; and

Future net cash flows are discounted at a standard discount rate of 10 percent.

These principles applied are those required by ASC 932 and do not reflect the expectations of real revenues from these reserves, nor their present value; hence, they do not constitute criteria for investment decisions.

An estimate of the fair value of reserves should also take into account, among other things, the recovery of reserves not presently classified as proved, anticipated future changes in prices and costs and a discount factor more representative of the time value of money and the risks inherent in reserve estimates.

					Consolidated	subsidiaries
Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia)	Russia	Total
120,398	234,532	75,078	20,035	93,292	1,810	545,145
(26,326)	(44,478)	(31,828)	(5,552)	(16,942)	(779)	(125,905)
(30,312)	(31,917)	(16,182)	(4,358)	(15,130)	(344)	(98,243)
(39,341)	(99,561)	(6,110)	(3,915)	(17,905)	(261)	(167,093)
24,419	58,576	20,958	6,210	43,315	426	153,904
(13,209)	(24,928)	(17,233)	(3,064)	(28,857)	(173)	(87,464)
11,210	33,648	3,725	3,146	14,458	253	66,440
120,136	228,622	74,932	21,231	88,907	2,578	536,406
(26,210)	(50,380)	(33,282)	(6,719)	(17,980)	(1,633)	(136,204)
(31,563)	(37,242)	(16,689)	(4,906)	(13,504)	(613)	(104,517)
(35,305)	(87,660)	(5,743)	(3,521)	(16,054)	(237)	(148,520)
27,058	53,340	19,218	6,085	41,369	95	147,165
(13,596)	(22,851)	(14,960)	(2,870)	(25,743)	7	(80,013)
13,462	30,489	4,258	3,215	15,626	102	67,152
106,968	205,741	78,813	19,413	93,404	2,332	506,671
(24,973)	(50,531)	(36,172)	(6,950)	(18,548)	(1,456)	(138,630)
(30,534)	(34,364)	(18,844)	(4,282)	(16,570)	(526)	(105,120)
(27,307)	(73,232)	(5,190)	(3,030)	(14,946)	(219)	(123,924)
24,154	47,614	18,607	5,151	43,340	131	138,997
(10,813)	(19,397)	(15,304)	(2,490)	(27,670)	(49)	(75,723)
13,341	28,217	3,303	2,661	15,670	82	63,274
	120,398 (26,326) (30,312) (39,341) 24,419 (13,209) 11,210 120,136 (26,210) (31,563) (35,305) 27,058 (13,596) 13,462 106,968 (24,973) (30,534) (27,307) 24,154 (10,813)	120,398	120,398	120,398	Europe Africa Americas Middle East (excl. Russia) 120,398 234,532 75,078 20,035 93,292 (26,326) (44,478) (31,828) (5,552) (16,942) (30,312) (31,917) (16,182) (4,358) (15,130) (39,341) (99,561) (6,110) (3,915) (17,905) 24,419 58,576 20,958 6,210 43,315 (13,209) (24,928) (17,233) (3,064) (28,857) 11,210 33,648 3,725 3,146 14,458 120,136 228,622 74,932 21,231 88,907 (26,210) (50,380) (33,282) (6,719) (17,980) (31,563) (37,242) (16,689) (4,906) (13,504) (35,305) (87,660) (5,743) (3,521) (16,054) 27,058 53,340 19,218 6,085 41,369 (13,596) (22,851) (14,960) (2,870) (25,743) 13,462 <td> 120,398 234,532 75,078 20,035 93,292 1,810 (26,326)</td>	120,398 234,532 75,078 20,035 93,292 1,810 (26,326)

(in million dollars) Consolidated subsidiaries

(in million dollars)						Consolidated	subsidiaries
	Europe	Africa	Americas	Middle East	Asia-CIS (excl. Russia)	Russia	Tota
As of December 31, 2014							
Future cash inflows	87,950	184,975	87,965	17,214	86,184	2,294	466,582
Future production costs	(23,722)	(49,796)	(38,776)	(6,240)	(16,700)	(1,255)	(136,489)
Future development costs	(28,529)	(35,683)	(16,728)	(3,534)	(12,177)	(780)	(97,431)
Future income taxes	(15,363)	(59,063)	(5,891)	(2,881)	(13,475)	(172)	(96,845)
Future net cash flows, after income taxes	20,336	40,433	26,570	4,559	43,832	87	135,817
Discount at 10%	(7,928)	(16,026)	(19,489)	(2,173)	(29,422)	(5)	(75,043)
Standardized measure							
of discounted future net cash flows	12,408	24,407	7,081	2,386	14,410	82	60,774
As of December 31, 2015							
Future cash inflows	46,490	76,719	40,866	55,819	49,825	1,045	270,764
Future production costs	(14,787)	(28,159)	(24,103)	(45,806)	(13,831)	(512)	(127,198)
Future development costs	(17,956)	(25,035)	(11,104)	(4,907)	(8,751)	(495)	(68,248)
Future income taxes	(6,720)	(12,479)	(1,105)	(1,409)	(3,843)	(28)	(25,584)
Future net cash flows, after income taxes	7,027	11,046	4,554	3,697	23,400	10	49,734
Discount at 10%	(887)	(3,550)	(4,014)	(2,095)	(15,195)	18	(25,723)
Standardized measure							
of discounted future net cash flows	6,140	7,496	540	1,602	8,205	28	24,011
Minority interests in future net cash flows as of							
December 31, 2011		782			_	_	782
December 31, 2012	-	646		_		-	646
December 31, 2013	-	808		_	-	-	808
December 31, 2014	-	1,103	_	-	-	-	1,103
December 31, 2015	-	448	-	-	-	-	448
(in million dollars)						Equ	uity affiliates
Group's share of equity affiliates'	Europe	Africa	Americas	Middle East	Asia-CIS	Russia	Tota
future net cash flows as of					(excl. Russia)	- 140014	
December 31, 2011	_	70	2,595	12,148	-	924	15,737
December 31, 2012	-	676	1,930	12,491	-	794	15,891
December 31, 2013	-	215	1,304	12,834	-	1,066	15,419
December 31, 2014	-	361	1,728	11,591	-	5,413	19,093
December 31, 2015							
Future cash inflows	-	52	7,736	36,231	-	21,779	65,798
Future production costs	-		(2,884)	(16,814)	-	(7,973)	(27,671)
Future development costs		(28)	(547)	(2,638)	-	(1,146)	(4,359)
Future income taxes	-	(29)	(918)	(2,818)	-	(3,540)	(7,305)
Future net cash flows, after income taxe	es -	(5)	3,387	13,961	-	9,120	26,463
Discount at 10%	-	(98)	(1,759)	(7,009)	-	(8,116)	(16,982)
Standardized measure							

CHANGES IN THE STANDARDIZED MEASURE OF DISCOUNTED FUTURE NET CASH FLOWS

Consolidated subsidiaries

(in million dollars)	2015	2014	2013	2012	2011
Beginning of year	60,774	63,274	67,152	66,440	47,955
Sales and transfers, net of production costs	(14,209)	(26,647)	(32,860)	(36,685)	(37,617)
Net change in sales and transfer prices					
and in production costs and other expenses	(88,615)	(16,703)	(8,007)	3,532	64,638
Extensions, discoveries and improved recovery	933	1,912	1,106	1,749	2,354
Changes in estimated future development costs	4,412	(5,407)	(10,803)	(8,381)	(6,724)
Previously estimated development					
costs incurred during the year	19,694	21,484	18,218	15,220	13,338
Revisions of previous quantity estimates	(4,800)	(1,505)	1,511	3,504	1,805
Accretion of discount	6,077	6,327	6,715	6,644	4,795
Net change in income taxes	42,252	20,116	20,178	18,034	(23,717)
Purchases of reserves in place	-	26	1,459	385	1,240
Sales of reserves in place	(2,507)	(2,103)	(1,395)	(3,290)	(1,627)
End of year	24,011	60,774	63,274	67,152	66,440
Equity affiliates					
(in million dollars)	2015	2014	2013	2012	2011
Beginning of year	19,093	15,419	15,891	15,737	12,289
Sales and transfers, net of production costs	(1,860)	(3,639)	(3,723)	(3,074)	(2,772)
Net change in sales and transfer prices					
and in production costs and other expenses	(14,821)	(1,546)	(1,056)	(1,702)	5,901
Extensions, discoveries and improved recovery	-	4,444	4,980	(32)	_
Changes in estimated future development costs	1,572	190	540	(638)	(536)
Previously estimated development					
costs incurred during the year	1,272	1,330	1,101	1,042	890
Revisions of previous quantity estimates	315	19	(5,020)	1,268	(1,050)
Accretion of discount	1,909	1,542	1,589	1,574	1,229
Net change in income taxes	1,881	834	1,107	1,693	(1,879)
Purchases of reserves in place	186	543	520	23	2,539
Sales of reserves in place	(66)	(43)	(510)	-	(874)
End of year	9,481	19,093	15,419	15,891	15,737

OIL AND GAS ACREAGE

As of December 31,			2015		2014	20	
(in thousands of acres)		Undeveloped acreage ⁽¹⁾	Developed acreage	Undeveloped acreage ⁽¹⁾	Developed acreage	Undeveloped acreage ⁽¹⁾	Developed acreage
Europe	Gross	9,585	703	10,601	692	10,804	722
	Net	4,518	149	5,197	143	5,305	163
Africa	Gross	93,306	1,313	122,385	1,306	134,157	1,266
	Net	53,154	346	79,562	350	86,493	341
Americas	Gross	23,881	984	25,081	962	19,790	960
	Net	9,186	304	11,375	299	9,391	286
Middle East	Gross	28,032	2,189	34,375	1,215	33,242	1,482
	Net	3,241	227	9,908	129	4,534	192
Asia-CIS (incl. Russia)	Gross	56,255	1,254	53,495	2,075	55,980	1,064
	Net	29,078	356	28,264	468	29,880	309
Total	Gross	211,059	6,443	245,937	6,250	253,973	5,494
Total	Net (2)	99,177	1,382	134,306	1,389	135,603	1,291
As of December 31,					0010		0011
					2012		2011
(in thousands of acres)			-	Undeveloped acreage ⁽¹⁾	Developed acreage	Undeveloped acreage ⁽¹⁾	Developed acreage
	Gross		_		Developed		Developed
(in thousands of acres)	Gross Net		_	acreage ⁽¹⁾	Developed acreage	acreage ⁽¹⁾	Developed acreage
(in thousands of acres)			_	10,015	Developed acreage	6,478	Developed acreage
(in thousands of acres) Europe	Net		_	10,015 6,882	Developed acreage 724 176	6,478 3,497	Developed acreage 781
(in thousands of acres) Europe	Net Gross		_	10,015 6,882 135,610	Developed acreage 724 176 1,256	6,478 3,497	Developed acreage 781 185 1,229
Europe Africa	Net Gross Net		_	10,015 6,882 135,610 88,457	Developed acreage 724 176 1,256 337	6,478 3,497 110,346 65,391	Developed acreage 781 185 1,229 333
Europe Africa	Net Gross Net Gross		_	10,015 6,882 135,610 88,457 16,604	Developed acreage 724 176 1,256 337 1,705	acreage ⁽¹⁾ 6,478 3,497 110,346 65,391 15,454	Developed acreage 781 185 1,229 333 1,028
Europe Africa Americas	Net Gross Net Gross Net		_	10,015 6,882 135,610 88,457 16,604 6,800	Developed acreage 724 176 1,256 337 1,705 330	6,478 3,497 110,346 65,391 15,454 5,349	Developed acreage 781 185 1,229 333 1,028 329
Europe Africa Americas	Net Gross Net Gross Net Gross			10,015 6,882 135,610 88,457 16,604 6,800 32,369	Developed acreage 724 176 1,256 337 1,705 330 1,896	acreage ⁽¹⁾ 6,478 3,497 110,346 65,391 15,454 5,349 31,671	Developed acreage 781 185 1,229 333 1,028 329 1,461
(in thousands of acres) Europe Africa Americas Middle East	Net Gross Net Gross Net Gross Net Gross Net			10,015 6,882 135,610 88,457 16,604 6,800 32,369 3,082	Developed acreage 724 176 1,256 337 1,705 330 1,896 256	acreage ⁽¹⁾ 6,478 3,497 110,346 65,391 15,454 5,349 31,671 2,707	Developed acreage 781 185 1,229 333 1,028 329 1,461 217
Europe Africa Americas Middle East Asia-CIS (incl. Russia)	Net Gross Net Gross Net Gross Net Gross Net Gross			acreage ⁽¹⁾ 10,015 6,882 135,610 88,457 16,604 6,800 32,369 3,082 37,208	Developed acreage 724 176 1,256 337 1,705 330 1,896 256	acreage ⁽¹⁾ 6,478 3,497 110,346 65,391 15,454 5,349 31,671 2,707 40,552	Developed acreage 781 185 1,229 333 1,028 329 1,461 217 930
(in thousands of acres) Europe Africa Americas Middle East	Net Gross Net Gross Net Gross Net Gross Net Gross Net Gross Net			acreage ⁽¹⁾ 10,015 6,882 135,610 88,457 16,604 6,800 32,369 3,082 37,208 18,184	Developed acreage 724 176 1,256 337 1,705 330 1,896 256 955 270	acreage ⁽¹⁾ 6,478 3,497 110,346 65,391 15,454 5,349 31,671 2,707 40,552 19,591	Developed acreage 781 185 1,229 333 1,028 329 1,461 217 930 255

⁽¹⁾ Undeveloped acreage includes leases and concessions.
(2) Net acreage equals the sum of the Group's equity stakes in gross acreage.

NUMBER OF PRODUCTIVE WELLS

As of December 31,			2015		2014		2013
(number of wells)		Gross productive wells	Net productive wells ⁽¹⁾	Gross productive wells	Net productive wells(1)	Gross productive wells	Net productive wells ⁽¹⁾
Europe	Oil	386	105	370	101	403	106
	Gas	283	88	279	82	286	87
Africa	Oil	2,532	624	2,297	619	2,269	615
	Gas	177	49	158	49	156	48
Americas	Oil	1,092	349	961	295	868	266
	Gas	3,903	795	3,817	782	3,311	634
Middle East	Oil	7,625	510	5,540	355	6,283	441
	Gas	80	16	107	20	295	36
Asia-CIS (incl. Russia)	Oil	347	99	277	88	229	81
	Gas	2,885	895	2,473	799	2,306	741
Total	Oil	11,982	1,687	9,445	1,458	10,052	1,509
Total	Gas	7,328	1,843	6,834	1,732	6,354	1,546
As of December 31,			_		2012		2011
As of December 31, (number of wells)			_	Gross productive wells	Net productive wells(1)	Gross productive wells	Net productive wells(1)
	Oil		_	productive	Net productive	productive	Net productive
(number of wells)	Oil Gas		_	productive wells	Net productive wells ⁽¹⁾	productive wells	Net productive wells ⁽¹⁾
(number of wells)			_	productive wells	Net productive wells ⁽¹⁾	productive wells	Net productive wells ⁽¹⁾
(number of wells) Europe	Gas		_	productive wells 410 330	Net productive wells(1)	productive wells 576 358	Net productive wells(1) 151 125
(number of wells) Europe	Gas Oil		_	410 330 2,216	Net productive wells(1) 111 117 593	576 358 2,275	Net productive wells(1) 151 125 576
(number of wells) Europe Africa	Gas Oil Gas			410 330 2,216	Net productive wells(1) 111 117 593 48	576 358 2,275	Net productive wells ⁽¹⁾ 151 125 576 44
(number of wells) Europe Africa	Gas Oil Gas Oil		_	410 330 2,216 156	Net productive wells(1) 111 117 593 48 258	576 358 2,275 157	Net productive wells ⁽¹⁾ 151 125 576 44 247
(number of wells) Europe Africa Americas	Gas Oil Gas Oil Gas		_	### productive wells ### 410 ### 330 ### 2,216 ### 156 ### 898 ### 2,892	Net productive wells(1) 111 117 593 48 258 546	576 358 2,275 157 877 2,707	Net productive wells ⁽¹⁾ 151 125 576 44 247 526
(number of wells) Europe Africa Americas	Gas Oil Gas Oil Gas Oil			### productive wells ### 410 ### 330 ### 2,216 ### 156 ### 898 ### 2,892 ### 6,488	Net productive wells ⁽¹⁾ 111 117 593 48 258 546 462	576 358 2,275 157 877 2,707 7,829	Net productive wells ⁽¹⁾ 151 125 576 44 247 526 721
(number of wells) Europe Africa Americas Middle East	Gas Oil Gas Oil Gas Oil Gas			2,216 156 898 2,892 6,488 371	Net productive wells ⁽¹⁾ 111 117 593 48 258 546 462 49	576 358 2,275 157 877 2,707 7,829 372	Net productive wells ⁽¹⁾ 151 125 576 44 247 526 721 49
(number of wells) Europe Africa Americas Middle East Asia-CIS (incl. Russia)	Gas Oil Gas Oil Gas Oil Gas Oil Gas			2,216 156 898 2,892 6,488 371 206	Net productive wells ⁽¹⁾ 111 117 593 48 258 546 462 49	productive wells 576 358 2,275 157 877 2,707 7,829 372 209	Net productive wells ⁽¹⁾ 151 125 576 44 247 526 721 49
(number of wells) Europe Africa Americas Middle East	Gas Oil Gas Oil Gas Oil Gas Oil Gas Oil Gas			98 2,892 6,488 371 206 1,912	Net productive wells(1) 111 117 593 48 258 546 462 49 75 578	976 productive wells 576 358 2,275 157 877 2,707 7,829 372 209 1,589	Net productive wells ⁽¹⁾ 151 125 576 44 247 526 721 49 75 498

⁽¹⁾ Net wells equal the sum of the Group's equity stakes in gross wells.

NUMBER OF NET PRODUCTIVE AND DRY WELLS DRILLED

As of December 31,			2015			2014			2013
(number of wells)	Net productive wells drilled ⁽¹⁾⁽²⁾	Net dry wells drilled(1)(3)	Net total wells drilled(1)(3)	Net productive wells drilled ⁽¹⁾⁽²⁾	Net dry wells drilled(1)(3)	Net total wells drilled(1)(3)	Net productive wells drilled ⁽¹⁾⁽²⁾	Net dry wells drilled(1)(3)	Net total wells drilled(1)(3)
Exploratory									
Europe	1.0	3.6	4.6	1.4	0.2	1.6	1.5	0.2	1.7
Africa	0.2	2.1	2.3	2.0	3.3	5.3	1.5	5.1	6.6
Americas	1.4	0.6	2.0	2.1	0.3	2.4	2.9	1.4	4.3
Middle East	0.3	0.5	0.8	0.3	0.3	0.6	0.6	0.7	1.3
Asia-CIS (incl. Russia)	2.0	1.9	3.9	1.2	1.4	2.6	1.6	4.3	5.9
Subtotal	4.9	8.7	13.6	7.0	5.5	12.5	8.1	11.7	19.8
Development									
Europe	14.0	0.4	14.4	8.8	-	8.8	6.9	0.3	7.2
Africa	21.4	-	21.4	24.6	1.0	25.6	19.7	0.4	20.1
Americas	60.6	0.1	60.7	128.1	0.2	128.3	98.0	-	98.0
Middle East	36.6	0.6	37.2	36.1	0.2	36.3	42.7	0.3	43.0
Asia-CIS (incl. Russia)	111.5	-	111.5	135.0	1.3	136.3	198.0	-	198.0
Subtotal	244.1	1.1	245.2	332.6	2.7	335.3	365.3	1.0	366.3
Total	249.0	9.8	258.8	339.6	8.2	347.8	373.4	12.7	386.1
As of December 31,						2012			2011
(number of wells)				Net productive wells drilled ⁽¹⁾⁽²⁾	Net dry wells drilled ⁽¹⁾⁽³⁾	Net total wells drilled ⁽¹⁾⁽³⁾	Net productive wells drilled(1)(2)	Net dry wells drilled ⁽¹⁾⁽³⁾	Net total wells drilled ⁽¹⁾⁽³⁾
Exploratory									
Europe				0.9	3.3	4.2	1.5	1.7	3.2
Africa				4.9	2.8	7.7	2.9	1.5	4.4
Americas				3.9	0.6	4.5	1.2	1.3	2.5
Middle East				-	-	-	1.2	0.8	2.0
Asia-CIS (incl. Russia)				2.4	1.4	3.8	2.1	3.7	5.8
Subtotal				12.1	8.1	20.2	8.9	9.0	17.9
Development									
Europe				6.0	0.7	6.7	7.5	-	7.5
Africa				22.7		22.7	24.7		24.7
Americas				70.6		70.6	113.1		113.1
Middle East				43.3		43.3	32.6	2.6	35.2
Asia-CIS (incl. Russia)				127.8		127.8	118.4		118.4
Subtotal				270.4	0.7	271.1	296.3	2.6	298.9
Total				282.5	8.8	291.3	305.2	11.6	316.8

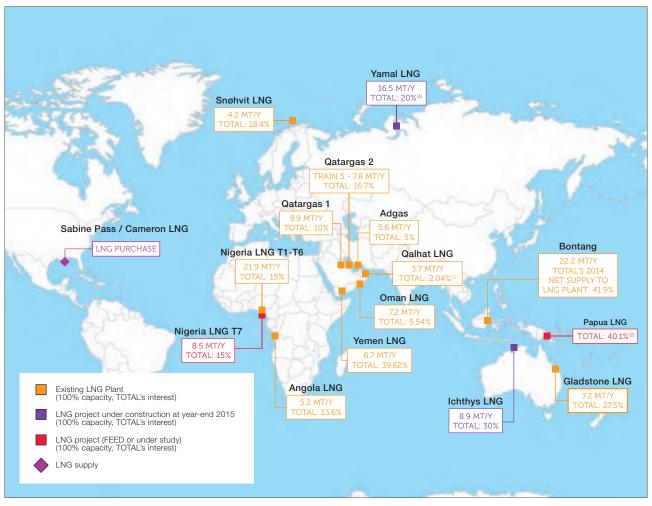
⁽¹⁾ Net wells equal the sum of the Company's fractional interest in gross wells.
(2) Includes certain exploratory wells that were abandoned but which would have been capable of producing oil in sufficient quantities to justify completion.
(3) For information: service wells and stratigraphic wells drilled within oil sands operations in Canada are not reported in this table (34.8 wells in 2015, 90.0 wells in 2014, 86.2 wells in 2013,131.7 in 2012 and 82.2 in 2011).

WELLS IN THE PROCESS OF BEING DRILLED (INCLUDING WELLS TEMPORARILY SUSPENDED)

As of December 31,	2015			2014	2013	
(number of wells)	Gross	Net ⁽¹⁾	Gross	Net ⁽¹⁾	Gross	Net ⁽¹⁾
Exploratory						
Europe	5	1.6	6	2.1	2	1.5
Africa	25	7.3	32	9.6	31	9.8
Americas	14	4.6	12	4.0	15	6.7
Middle East	8	2.5	13	4.2	10	3.6
Asia-CIS (incl. Russia)	11	3.4	12	3.4	15	5.7
Subtotal	63	19.4	75	23.3	73	27.3
Other wells (2)						
Europe	38	13.6	36	13.9	35	13.4
Africa	56	14.9	47	12.6	27	7.7
Americas	63	22.4	370	159.3	348	120.7
Middle East	158	20.5	128	14.0	129	15.8
Asia-CIS (incl. Russia)	755	209.1	1,000	238.9	821	246.1
Subtotal	1,070	280.5	1,581	438.7	1,360	403.7
		000.0	1.050	462.0	1,433	431.0
Total	1,133	299.9	1,656	402.0	1,400	10110
Total As of December 31,	1,133	299.9	1,000	2012	1,400	2011
	1,133	299.9	Gross		Gross	2011
As of December 31, (number of wells)	1,133	299.9		2012		2011
As of December 31,	1,133	299.9		2012		2011 Net ⁽¹⁾
As of December 31, (number of wells) Exploratory	1,133	299.9	Gross	2012 Net ⁽¹⁾	Gross	2011 Net ⁽¹⁾
As of December 31, (number of wells) Exploratory Europe	1,133	299.9	Gross 1	2012 Net ⁽¹⁾	Gross 2	2011 Net ⁽¹⁾ 2.0 0.8
As of December 31, (number of wells) Exploratory Europe Africa	1,133	299.9	Gross 1 4	2012 Net ⁽¹⁾ 1.0 1.3	Gross 2	2011 Net ⁽¹⁾ 2.0 0.8
As of December 31, (number of wells) Exploratory Europe Africa Americas	1,133	299.9	Gross 1 4 7	2012 Net ⁽¹⁾ 1.0 1.3 3.4	Gross 2 2 2 3	2011 Net ⁽¹⁾ 2.0 0.8 1.0
As of December 31, (number of wells) Exploratory Europe Africa Americas Middle East	1,133	299.9	Gross 1 4 7 2	2012 Net ⁽¹⁾ 1.0 1.3 3.4 1.1	2 2 3	2011 Net ⁽¹⁾ 2.0 0.8 1.0
As of December 31, (number of wells) Exploratory Europe Africa Americas Middle East Asia-CIS (incl. Russia)	1,133	299.9	Gross 1 4 7 2 2 2	2012 Net ⁽¹⁾ 1.0 1.3 3.4 1.1 1.3	Gross 2 2 2 3 3 - 1	2011 Net ⁽¹⁾ 2.0 0.8 1.0
As of December 31, (number of wells) Exploratory Europe Africa Americas Middle East Asia-CIS (incl. Russia) Subtotal Other wells ⁽²⁾	1,133	299.9	Gross 1 4 7 2 2 16	2012 Net ⁽¹⁾ 1.0 1.3 3.4 1.1 1.3	Gross 2 2 2 3 3 - 1	2011 Net ⁽¹⁾ 2.0 0.8 1.0 - 0.6 4.4
As of December 31, (number of wells) Exploratory Europe Africa Americas Middle East Asia-CIS (incl. Russia) Subtotal Other wells (2) Europe	1,133	299.9	Gross 1 4 7 2 2 16	2012 Net ⁽¹⁾ 1.0 1.3 3.4 1.1 1.3 8.1	Gross 2 2 2 3 3 - 1 8 8	2011 Net ⁽¹⁾ 2.0 0.8 1.0 - 0.6 4.4
As of December 31, (number of wells) Exploratory Europe Africa Americas Middle East Asia-CIS (incl. Russia) Subtotal Other wells (2) Europe	1,133	299.9	Gross 1 4 7 2 2 16	2012 Net ⁽¹⁾ 1.0 1.3 3.4 1.1 1.3 8.1	Gross 2 2 2 3 3 - 1 8 8 21	2011 Net ⁽¹⁾ 2.0 0.8 1.0 - 0.6 4.4 4.5 11.3
As of December 31, (number of wells) Exploratory Europe Africa Americas Middle East Asia-CIS (incl. Russia) Subtotal Other wells (2) Europe Africa Americas Middle East	1,133	299.9	Gross 1 4 7 2 2 16 23 25 29 93	2012 Net ⁽¹⁾ 1.0 1.3 3.4 1.1 1.3 8.1	Gross 2 2 2 3 - 1 8 8 21 31	2011 Net ⁽¹⁾ 2.0 0.8 1.0 - 0.6 4.4 4.5 11.3 5.7
As of December 31, (number of wells) Exploratory Europe Africa Americas Middle East Asia-CIS (incl. Russia) Subtotal Other wells (2) Europe Africa Americas Middle East	1,133	299.9	Gross 1 4 7 2 2 16 23 25 29	2012 Net ⁽¹⁾ 1.0 1.3 3.4 1.1 1.3 8.1 6.2 6.4 8.2	Gross 2 2 3	2011 Net ⁽¹⁾ 2.0 0.8 1.0 - 0.6 4.4 4.5 11.3 5.7 3.5
As of December 31, (number of wells) Exploratory Europe Africa Americas Middle East Asia-CIS (incl. Russia) Subtotal Other wells (2) Europe Africa	1,133	299.9	Gross 1 4 7 2 2 16 23 25 29 93	2012 Net ⁽¹⁾ 1.0 1.3 3.4 1.1 1.3 8.1 6.2 6.4 8.2 6.1	Gross 2 2 3	2011 Net ⁽¹⁾ 2.0 0.8 1.0 - 0.6

 ⁽¹⁾ Net wells equal the sum of the Group's equity stakes in gross wells. From 2013, includes wells for which surface facilities permitting production have not yet been constructed. Such wells are also reported in the table "Number of net productive and dry wells drilled", for the year in which they were drilled.
 (2) Other wells are development wells, service wells, stratigraphic wells and extension wells.

LNG POSITIONS AS OF DECEMBER 31, 2015



- (1) TOTAL has an indirect stake via Oman LNG's stake in Qalhat LNG.
- (2) The State of Papua New Guinea retains the right to enter the license (when the final investment decision is made) at a maximum level of 22.5%. In this case, TOTAL's stake would be reduced to 31.1%.
- (3) Direct stake in the project.

LIQUEFIED NATURAL GAS (LNG) SALES(1)

(kt/y)	2015	2014	2013	2012	2011
Nigeria (NLNG)	3,068	3,105	2,731	3,198	3,162
Indonesia (Bontang)(2)	2,990	2,901	3,022	2,975	3,888
Qatar (Qatargas II)	1,237	1,277	1,308	1,168	1,310
Qatar (Qatargas I)	932	937	952	921	969
Norway (Snøhvit)	731	658	567	631	521
Yemen LNG	529	2,590	2,983	1,900	2,686
Oman ⁽³⁾	336	344	378	358	369
Abu Dhabi (Adgas)	289	290	272	268	287
Gladstone LNG	103	_	_	_	-
Angola LNG	-	44	43		
Total	10,216	12,146	12,257	11,418	13,192

- (1) Group share, excluding trading.
 (2) From 2007, TOTAL's actual net supply to LNG plant applied to Bontang sales.
 (3) Includes both Oman LNG & Qalhat LNG.

RE-GASIFICATION TERMINALS AS OF DECEMBER 31, 2015





GAS & POWER ACTIVITIES IN EUROPE AS OF DECEMBER 31, 2015



(1) Asset sale was closed in the first quarter of 2016.



GAS & POWER ACTIVITIES IN NORTH AND SOUTH AMERICA AS OF DECEMBER 31, 2015



⁽¹⁾ Asset sale was closed in the first quarter of 2016.

INTERESTS IN PIPELINES

The table below sets forth interests of the Group's entities $^{\mbox{\scriptsize (1)}}$ in oil and gas pipelines.

As of December 31, 2015

As of December 31, 2015 Pipeline(s)	Origin	Destination	% interest	Operator	Liquids	Gas
Europe	-					
Norway	-					
Frostpipe (inhibited)	Lille-Frigg, Froy	Oseberg	36.25		X	
Heimdal to Brae Condensate Line	Heimdal	Brae	16.76		X	
Kvitebjorn pipeline	Kvitebjorn	Mongstad	5.00		X	
Norpipe Oil	Ekofisk Treatment center	Teeside (UK)	34.93		X	
Oseberg Transport System	Oseberg, Brage and Veslefrikk		12.98		X	
Sleipner East Condensate Pipe	Sleipner East	Karsto	10.00		X	
Troll Oil Pipeline I and II	Troll B and C	Vestprosess (Mongstad Refinery)	3.71		X	
Vestprosess	Kollsnes (Area E)	Vestprocess (Mongstad Refinery)	5.00		x	
Polarled	Asta Hansteen/Linnorm	Nyhamna	5.11			X
The Netherlands	-	-				
Nogat pipeline	F3-FB	Den Helder	5.00			X
WGT K13-Den Helder	K13A	Den Helder	4.66			X
WGT K13-Extension	Markham	K13 (via K4/K5)	23.00			X
				-		
United Kingdom Alwyn Liquid Export Line	Alwyn North	Cormorant	100.00			
Bruce Liquid Export Line	Bruce	Forties (Unity)	43.25	X	x	
Central Graben Liquid Export Line (LEP)		ETAP	15.89		x	
Frigg System: UK line	Alwyn North, Bruce and others		100.00			
Ninian Pipeline System	Ninian	Sullom Voe	16.00	X		X
Shearwater Elgin Area Line (SEAL)	Elgin-Franklin, Shearwater	Bacton	25.73		X	X
SEAL to Interconnector Link (SILK)	Bacton	Interconnector	54.66	X		X
Africa						
Gabon		-				
Mandji Pipes	Mandji fields	Cap Lopez Terminal	100.00 (a)	X	X	
Rabi Pipes	Rabi fields	Cap Lopez Terminal	100.00 (a)	X	X	
Americas	-					-
	_					
Argentina			15.00			
TGN	Network (Northern Argentina)	11 (D !)\	15.38			X
TGM	TGN	Uruguyana (Brazil)	32.68			X
Brazil						
TBG	Bolivia-Brazil border	Porto Alegre via São Paulo				X
TSB	Argentina-Brazil border (TGM) Porto Alegre	Uruguyana (Brazil) Canoas	25.00			Х
Asia-Pacific						
Australia	-					
Gladstone LNG	Fairview, Roma,					
	Scotia, Arcadia	GLNG (Curtis Island)	27.50			Х
Myanmar						
Yadana	Yadana	Ban-I Tong (Thai border)	31.24	Х		Х
Rest of world						
ВТС	Baku (Azerbaijan)	Ceyhan (Turkey, Mediterranean)	5.00		x	
Dolphin	North Field (Qatar)	Taweelah-Fujairah-Al Ain (United Arab Emirates)	24.50			X

⁽a) Interest of Total Gabon. The Group has a financial interest of 58.3% in Total Gabon.

PIPELINE GAS SALES (1)

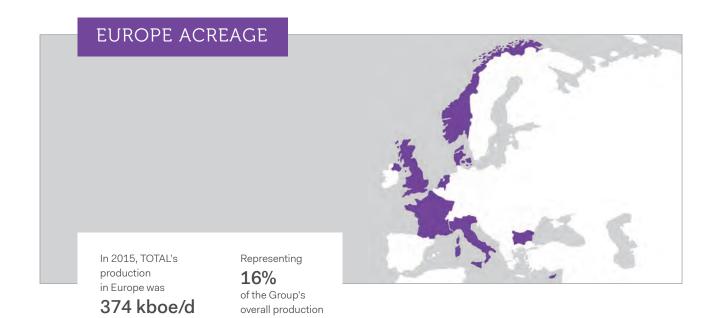
(Mcf/d)	2015	2014	2013	2012	2011
France	-	9	37	53	61
United Kingdom	370	313	395	379	526
Norway	469	465	463	491	481
The Netherlands	149	155	186	176	204
Africa	13	63	56	112	64
Azerbaijan	-	147	81	64	56
Brunei	62	65	58	54	56
Qatar	173	155	154	178	217
Syria	-	-	-	-	215
China	59	63	45	7	-
Indonesia (2)	119	94	92	123	115
Myanmar	150	131	126	125	118
Thailand	301	286	296	257	197
United States	306	286	252	239	222
Argentina	341	351	347	375	376
Colombia	-	-	-	14	18
Bolivia	130	136	127	124	118
Venezuela	93	87	73	64	52
Australia	25	21	23	29	21
Trinidad & Tobago	-	-	51	67	47
Total	2,760	2,827	2,862	2,931	3,164

⁽¹⁾ Consolidated entities. (2) Domestic sales.

POWER GENERATION FACILITIES

	Status	Interest	Capacity ⁽¹⁾	Technology
Abu Dhabi				
Taweelah A1	In operation	20.00%	1,600 MW	Gas
Nigeria				
Afam VI	In operation	10.00%	630 MW	Gas
Thailand				
Bang Bo	In operation	28.00%	350 MW	Gas

⁽¹⁾ Capacity stated at 100%.



PRODUCTION

	2015	2014	2013	2012	2011
Liquids production (Kb/d)	161	165	168	197	245
Gas production (Mcf/d)	1,161	1,089	1,231	1,259	1,453
Total (Kboe/d)	374	364	392	427	512

MAIN START-UPS

Start-up	Projects	Туре	Capacity (kboe/d)	Share	Op.	Country
2015	Eldfisk II	Liq/gas	70	39.9%		Norway
	West Franklin Ph.2	Gas/Cond.	40	46.2%	Х	UK
2016	Laggan-Tormore	Deep off.	90	60%	Х	UK
2017+	Tempa Rossa	Heavy oil	55	50%	Х	Italy
	Martin Linge	Liq/gas	80	51%	Х	Norway

TOTAL'S PRODUCING ASSETS AS OF DECEMBER 31, 2015(1)

	Year of entry	Operated	Non-operated
	into the country	(Group share in %)	(Group share in %)
Europe			
Norway	 1965	Atla (40.00%)	
		Skirne (40.00%)	
			Åsgard (7.68%)
			Ekofisk (39.90%)
			Ekofisk South (39.90%)
			Eldfisk (39.90%)
			Embla (39.90%)
			Gimle (4.90%)
			Gungne (10.00%)
			Heimdal (16.76%)
			Huldra (24.33%)
			Islay (5.51%) (2)
			Kristin (6.00%)
			Kvitebjørn (5.00%)
			Mikkel (7.65%)
			Oseberg (14.70%)
			Oseberg East (14.70%)
			Oseberg South (14.70%)
			Sleipner East (10.00%)
			Sleipner West (9.41%)
			Snøhvit (18.40%)
			Stjerne (14.70%)
			Tor (48.20%)
			Troll I (3.69%)
			Troll II (3.69%)
			Tune (10.00%)
			Tyrihans (23.15%)
			Visund (7.70%)
			Visund South (7.70%)
			Visund North (7.70%)

⁽¹⁾ The Group's interest in the local entity is approximately 100%.
(2) The field of Islay extends partially in Norway. Total E&P UK holds a 94.49% stake and Total E&P Norge 5.51%.

	Year of entry	Operated	Non-operated
	into the country	(Group share in %)	(Group share in %)
The Netherlands	1964	F6a (gas) (55.66%)	
		F6a (oil) (65.68%)	
		F15a Jurassic (38.20%)	
		F15a/F15d Triassic (32.47%)	
		F15d (32.47%)	
		J3a (30.00%)	
		K1a (40.10%)	
		K1b/K2a (60.00%)	
		K2c (60.00%)	
		K3b (56.16%)	
		K3d (56.16%)	
		K4a (50.00%)	
		K4b/K5a (36.31%)	
		K5b (50.00%)	
		K6/L7 (56.16%)	
		L1a (60.00%)	
		L1d (60.00%)	
		L1e (55.66%)	
		L1f (55.66%)	
		L4a (55.66%)	
		L4d (55.66%)	
			E16a (16.92%)
			E17a/E17b (14.10%)
			J3b/J6 (25.00%)
			K9ab-A (22.46%)
			Q16a (6.49%)
United Kingdom	 1962	Alwyn North (100.00%)	
		Dunbar (100.00%)	
		Ellon (100.00%)	
		Forvie North (100.00%)	
		Grant (100.00%)	
		Jura (100.00%)	
		Nuggets (100.00%)	
		Elgin-Franklin (46.17%)	
		West Franklin (46.17%)	
		Glenelg (58.73%)	
		Islay (94.49%) ⁽¹⁾	
			Bruce (43.25%)
			Markham unitized field (7.35%)
			Keith (25.00%)

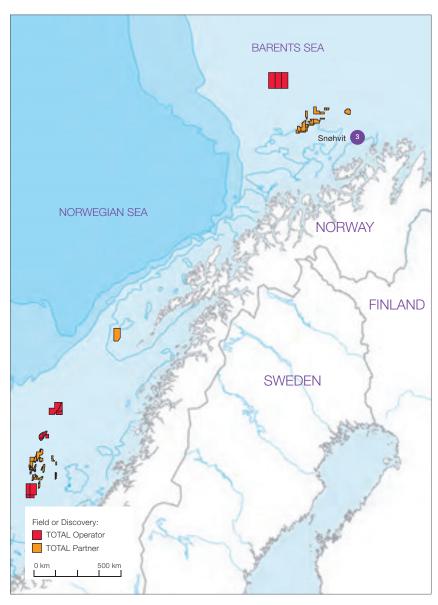
⁽¹⁾ The field of Islay extends partially in Norway. Total E&P UK holds a 94.49% stake and Total E&P Norge 5.51%.

NORWAY

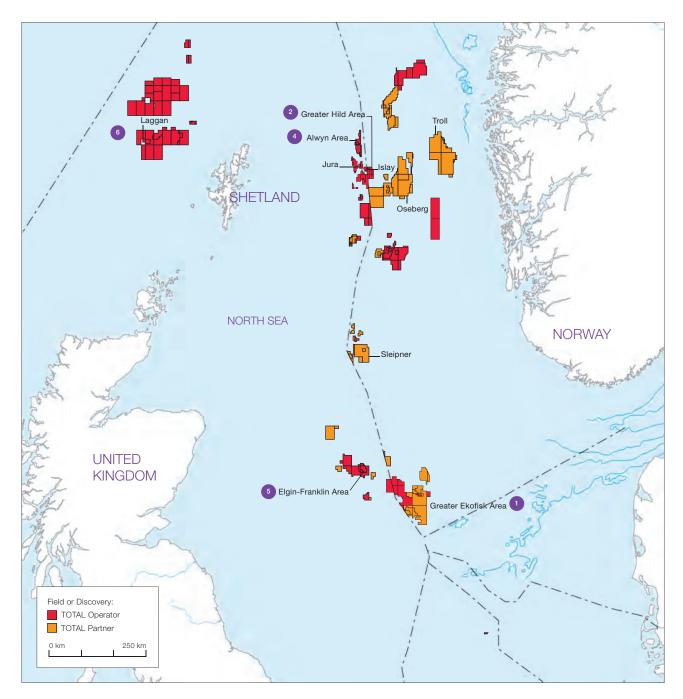
TOTAL has equity stakes in 97 production licenses on the Norwegian maritime continental shelf, 31 of which it operates.

The Group's production in 2015 was 239 kboe/d compared to 242 kboe/d in 2014 and 243 kboe/d in 2013.

- In the Greater Ekofisk area (map page 69), the Group holds a 39.9% stake in the Ekofisk and Eldfisk fields. Production at Ekofisk South started in 2013 and at Eldfisk II in January 2015 (capacity of 70 kboe/d each).
- In the Sleipner area, development of the Gina Krog field located in the north of Sleipner and approved in 2013 is underway. The Group's stake, currently 30% (after the sale of 8% in 2014), is expected to be reduced to 15% after the finalization of the sale of 15% announced in October 2015.
- In the Greater Hild area (map page 69), the Martin Linge field (51%, operator, estimated capacity 80 kboe/d) is currently being developed.
- In the Haltenbanken region, the first submarine compression train in the world was commissioned on the Åsgard project (7.7%) in September 2015.
- In the Barents Sea, the Group holds an 18.4% stake in the gas liquefaction plant of Snøhvit (capacity of 4.2 Mt/y). This plant is supplied with gas from the Snøhvit, Albatross and Askeladd fields.







UNITED KINGDOM

The Group's production was 107 kboe/d in 2015 compared to 89 kboe/d in 2014 and 105 kboe/d in 2013. Approximately 90% of this production comes from operated fields in two main areas: the Alwyn area in the northern North Sea, and the Elgin/Franklin area in the Central Graben.

- In the Alwyn area (100%), production from the Alwyn and Dunbar fields represents 20% and 25% of production, respectively. The rest of the production comes from satellites:
- linked to Alwyn by subsea tieback: the Forvie gas and condensates field joined by the Jura and Islay fields and the Nuggets gas field network, which started to produce in cyclic mode at the end of 2015;
- linked to Dunbar: the Ellon (oil and gas) and the Grant (gas and condensates) fields.

The natural decline of the Alwyn field's production was partially compensated by the start-up of new reservoir compartments. A system for improving recovery, the concentric gas lift, was installed in three Alwyn wells in 2014.

On the Dunbar field (100%), a new development phase (Dunbar phase IV) is underway, which includes three well workovers and the drilling of six new wells. Drilling on the first well, D14, started in April 2015.

In Central Graben, TOTAL holds stakes in the Elgin, Franklin and West Franklin fields
 (46.2%, operator). A redevelopment project involving the drilling of five new infill wells on Elgin and Franklin started in July 2013. The first well is currently being drilled. In addition, the West Franklin Phase II development project continued with the start-up of production of two new wells in 2015.

- A third area, West of Shetland 6 (map page 69), is currently under development. This includes the fields of Laggan, Tormore, Edradour and Glenlivet (operator with 60%, following the sale of 20% of its interests carried out in 2015) and the P967 license, including the discovery of gas at Tobermory (30%, operator). Production of the Laggan and Tormore fields started in February 2016. Production of the Edradour and Glenlivet fields is expected to start in 2017 and 2018, respectively, with an expected total capacity of 90 kboe/d.

In 2014, TOTAL acquired a 40% stake in two onshore shale gas exploration and production licenses (PEDL 139 and 140) located in the Gainsborough Trough basin of the East Midlands, and signed an agreement enabling the Group to acquire a 50% stake in the PEDL 209 license located in the same area. A 3D seismic survey was performed on the PEDL 139 and 140 licenses.

In August 2015, an agreement was signed for the sale of interests held by Total E&P UK in transport pipelines (FUKA and SIRGE) and the St. Fergus terminal. The transfer was closed in March 2016.







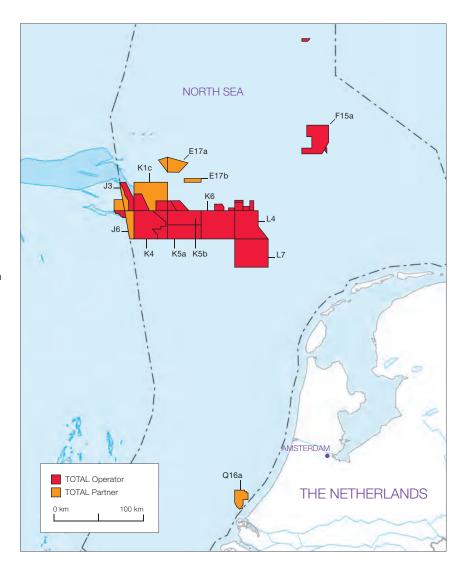
West Franklin.

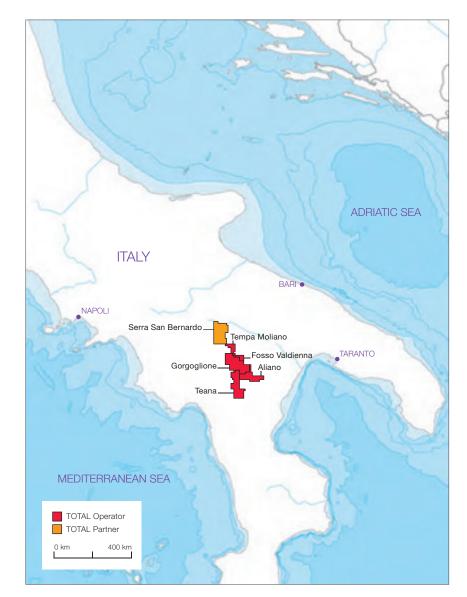
NETHERLANDS

TOTAL currently holds interests in 24 offshore production licenses, including 20 that it operates, and 2 offshore exploration licenses, E17c (16.92%) and K1c (30%). In 2015, the Group's production was 28 kboe/d compared to 31 kboe/d in 2014 and 35 kboe/d in 2013.

FRANCE

The Group's production ended with the sale in October 2014 of the Lacq concessions to Geopetrol. Production in 2014 was 2 kboe/d compared to 9 kboe/d in 2013. The Montélimar exclusive research license granted to TOTAL in 2010 for evaluating the shale gas potential of this area was repealed by the government in 2011. In January 2016, following the appeal filed in 2011, the administrative court canceled the revocation of the license deciding the Group had fulfilled its obligations.





DENMARK

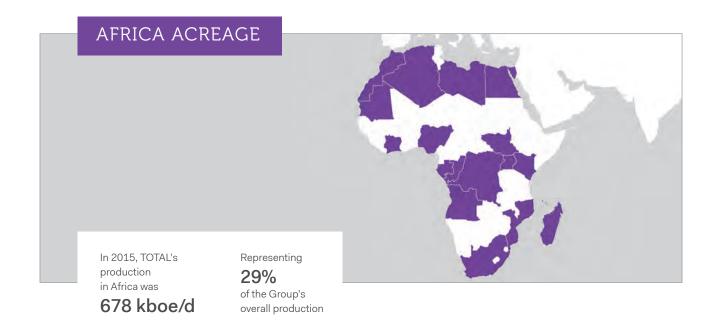
TOTAL (80%, operator) acquired two shale gas exploration licenses in 2010 in order to assess their potential. On the 1/10 (Nordjylland) license, a vertical exploration well without hydraulic fracturing drilled in 2015 revealed the presence of gas, but the quantities were not sufficient to consider economically viable production. The Group is moving forward with restoration works on the drilling site, which will be rehabilitated in compliance with environmental obligations as required by Danish law. The 2/10 (Nordsjaelland) license was relinquished in July 2015 due to lower than expected estimated potential for the Group.

ITALY

TOTAL holds a stake in two exploration licenses and in the Tempa Rossa field (50%, operator), discovered in 1989 and located on the Gorgoglione concession (Basilicate region). Development of the Tempa Rossa project is underway.

REST OF EUROPE

TOTAL also holds interests in exploration licenses in Bulgaria and Cyprus.



PRODUCTION

	2015	2014	2013	2012	2011
Liquids production (Kb/d)	542	522	531	574	517
Gas production (Mcf/d)	677	693	699	705	715
Total (Kboe/d)	678	657	670	713	659

MAIN START-UPS

Start-up	Projects	Туре	Capacity (kboe/d)	Share	Op.	Country
2015	Ofon 2	Liq/gas	70	40%	Х	Nigeria
	Dalia 1A	Deep off.	30	40%	Х	Angola
	Lianzi	Deep off.	40	36.75%		Congo (1)
	Moho Ph. 1b	Deep off.	40	53.5%	Х	Congo
2016	Angola LNG	LNG	175	13.6%		Angola
2017+	Moho North	Deep off.	100	53.5%	Х	Congo
	Kaombo	Deep off.	230	30%	Х	Angola
	Egina	Deep off.	200	24%	Х	Nigeria

⁽¹⁾ Offshore unitization area between Republic of Congo and Angola.

TOTAL'S PRODUCING ASSETS AS OF DECEMBER 31, 2015(1)

	Year of entry	Operated	Non-operated
	into the country	(Group share in %)	(Group share in %)
Africa			
Algeria	1952		Tin Fouye Tabankort (35.00%)
, ugona			Time day of rabalitions (co.co.70)
Angola	1953	Girassol, Jasmim, Rosa,	
7 iligola	1000	Dalia, Pazflor, CLOV (Block 17) (40.00%)	
			Cabinda Block 0 (10.00%)
			Kuito, BBLT, Tombua-Landana (Block 14) (20.00%) (2)
			Lianzi (Block 14K) (10.00%) (2)
			Angola LNG (13.60%)
Gabon	1928	Anguille (100.00%)	
		Anguille Nord Est (100.00%)	
		Anguille Sud-Est (100.00%)	
		Atora (40.00%)	
		Avocette (57.50%)	
		Baliste (50.00%)	
		Barbier (100.00%)	
		Baudroie Marine (50.00%)	
		Baudroie Nord Marine (50.00%)	
		Coucal (57.50%)	
		Girelle (100.00%)	
		Gonelle (100.00%)	
		Grand Anguille Marine (100.00%)	
		Grondin (100.00%)	
		Hylia Marine (75.00%)	
		Lopez Nord (100.00%)	
		Mandaros (100.00%)	
		M'Boukou (57.50%)	
		M'Boumba (100.00%)	
		Mérou Sardine Sud (50.00%)	
		Port Gentil Océan (100.00%)	
		Tchengue (100.00%)	
		Torpille (100.00%)	
		Torpille Nord Est (100.00%)	
		pe . te.a 2et (10010076)	Rabi Kounga (47.50%)
Libya	1959	-	Zones 15, 16 & 32 (75.00%)(3)
		0.11. 50 (10.000)	20100 10, 10 0 02 (10.0070)
Nigeria	1962	OML 58 (40.00%)	
		OML 99 Amenam-Kpono (30.40%) OML 100 (40.00%)	
		OML 102 (40.00%)	
			ONI 100 Florage (40.00%)
		OML 102 (40.00%)	OML 102 – Ekanga (40.00%)
		OML 102 (40.00%)	Shell Petroleum Development Company (SPDC 10.00%)
		OML 102 (40.00%)	Shell Petroleum Development Company (SPDC 10.00%) OML 118 – Bonga (12.50%)
		OML 102 (40.00%)	Shell Petroleum Development Company (SPDC 10.00%)
The Congo, Republic of	1968	OML 102 (40.00%) OML 130 (24.00%) Kombi-Likalala-Libondo (65.00%)	Shell Petroleum Development Company (SPDC 10.00%) OML 118 – Bonga (12.50%)
The Congo, Republic of	1968	OML 102 (40.00%) OML 130 (24.00%) Kombi-Likalala-Libondo (65.00%) Moho Bilondo (including	Shell Petroleum Development Company (SPDC 10.00%) OML 118 – Bonga (12.50%)
The Congo, Republic of	1968	OML 102 (40.00%) OML 130 (24.00%) Kombi-Likalala-Libondo (65.00%) Moho Bilondo (including Moho phase 1b) (53.50%)	Shell Petroleum Development Company (SPDC 10.00%) OML 118 – Bonga (12.50%)
The Congo, Republic of	1968	OML 102 (40.00%) OML 130 (24.00%) Kombi-Likalala-Libondo (65.00%) Moho Bilondo (including Moho phase 1b) (53.50%) Nkossa (53.50%)	Shell Petroleum Development Company (SPDC 10.00%) OML 118 – Bonga (12.50%)
The Congo, Republic of	1968	OML 102 (40.00%) OML 130 (24.00%) Kombi-Likalala-Libondo (65.00%) Moho Bilondo (including Moho phase 1b) (53.50%) Nkossa (53.50%) Nsoko (53.50%)	Shell Petroleum Development Company (SPDC 10.00%) OML 118 – Bonga (12.50%)
The Congo, Republic of	1968	OML 102 (40.00%) OML 130 (24.00%) Kombi-Likalala-Libondo (65.00%) Moho Bilondo (including Moho phase 1b) (53.50%) Nkossa (53.50%) Nsoko (53.50%) Sendji (55.25%)	Shell Petroleum Development Company (SPDC 10.00%) OML 118 – Bonga (12.50%)
The Congo, Republic of	1968	OML 102 (40.00%) OML 130 (24.00%) Kombi-Likalala-Libondo (65.00%) Moho Bilondo (including Moho phase 1b) (53.50%) Nkossa (53.50%) Nsoko (53.50%)	Shell Petroleum Development Company (SPDC 10.00% OML 118 – Bonga (12.50%)
The Congo, Republic of	1968	OML 102 (40.00%) OML 130 (24.00%) Kombi-Likalala-Libondo (65.00%) Moho Bilondo (including Moho phase 1b) (53.50%) Nkossa (53.50%) Nsoko (53.50%) Sendji (55.25%)	Shell Petroleum Development Company (SPDC 10.00%) OML 118 – Bonga (12.50%)
The Congo, Republic of	1968	OML 102 (40.00%) OML 130 (24.00%) Kombi-Likalala-Libondo (65.00%) Moho Bilondo (including Moho phase 1b) (53.50%) Nkossa (53.50%) Nsoko (53.50%) Sendji (55.25%) Tchendo (65.00%),	Shell Petroleum Development Company (SPDC 10.00%) OML 118 – Bonga (12.50%)
The Congo, Republic of	1968	OML 102 (40.00%) OML 130 (24.00%) Kombi-Likalala-Libondo (65.00%) Moho Bilondo (including Moho phase 1b) (53.50%) Nkossa (53.50%) Nsoko (53.50%) Sendji (55.25%) Tchendo (65.00%), Tchibeli-Litanzi-Loussima (65.00%),	Shell Petroleum Development Company (SPDC 10.00%) OML 118 – Bonga (12.50%)
The Congo, Republic of	1968	OML 102 (40.00%) OML 130 (24.00%) Kombi-Likalala-Libondo (65.00%) Moho Bilondo (including Moho phase 1b) (53.50%) Nkossa (53.50%) Nsoko (53.50%) Sendji (55.25%) Tchendo (65.00%), Tchiboli-Litanzi-Loussima (65.00%), Tchibouela (65.00%)	Shell Petroleum Development Company (SPDC 10.00% OML 118 – Bonga (12.50%)
The Congo, Republic of	1968	OML 102 (40.00%) OML 130 (24.00%) Kombi-Likalala-Libondo (65.00%) Moho Bilondo (including Moho phase 1b) (53.50%) Nkossa (53.50%) Nsoko (53.50%) Sendji (55.25%) Tchendo (65.00%), Tchiboli-Litanzi-Loussima (65.00%), Tchibouela (65.00%)	Shell Petroleum Development Company (SPDC 10.00%) OML 118 – Bonga (12.50%) OML 138 (20.00%)

⁽¹⁾ The Group's interest in the local entity is approximately 100% in all cases except for Total Gabon (58.28%) and Total E&P Congo (85.00%). (2) Stake in the company Angola Block 14 BV (TOTAL 50.01%). (3) TOTAL's stake in the foreign consortium.

NIGERIA

The Group's production, primarily offshore, was 245 kboe/d in 2015, compared to 257 kboe/d in 2014 and 261 kboe/d in 2013. This decrease is explained mainly by the sale of interests in certain licenses of the Shell Petroleum Development Company (SPDC) joint venture as well as by an upsurge of oil bunkering activities since 2013. This has negatively affected onshore production and has had an impact on the integrity of the SPDC joint venture facilities as well as on the local environment.

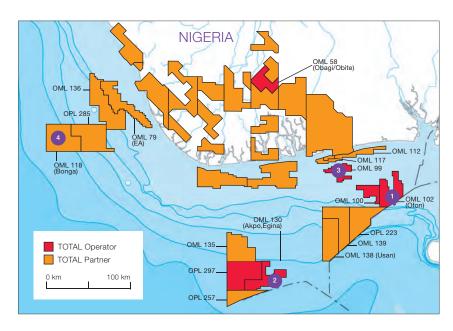
TOTAL operates 5 of the 31 oil mining leases (OML) in which it has interests and also holds interests in 4 oil prospecting licenses (OPL).

Regarding the principal variations in TOTAL's permits since 2013:

- TOTAL was granted approval by the authorities in 2013 to increase its stake in OPL 285 from 26.67% to 60% and it drilled the Ekpeyi-1 exploration well in 2015:
- In 2013, TOTAL was granted approval by the authorities for the renewal of OMLs 99, 100 and 102 for a period of 20 years;
- On OML 138 (20%), the production of the offshore field Usan reached 130 kboe/d in 2013. In 2014, two exploration wells, Ukot South-2B and Ukot South-3, and an exploration well in 2015, Ukot South-4, led to three oil discoveries. The sale process, launched in November 2012, could not be closed. This asset is no longer accounted under "assets classified as held for sale". TOTAL has ceased to be the operator of OML 138 since February 2014;
- TOTAL sold its 10% interest in OMLs 18 and 29 (in 2015) and OML 24 (in 2014), operated via the SPDC joint venture. In addition, the sale process is underway for OML 25.

TOTAL continues to develop its operated assets, in particular:

- OML 58 (40%, operator, onshore): in the scope of its joint venture with the Nigerian National Petroleum Corporation (NNPC), TOTAL has finalized the increase of the gas production capacity from 370 Mcf/d to 550 Mcf/d;
- OML 102 (40%, operator): in December 2014, TOTAL stopped routine flaring on the Ofon field (Ofon phase 2



project). The gas associated with the production of oil is now compressed and evacuated to shore and monetized via the Nigeria LNG plant;

- OML 130 ② (24%, operator): the development of the Egina field (200 kboe/d capacity) launched in 2013 is underway. The drilling campaign for 44 wells started at the end of 2014;
- OML 99 (40%, operator): additional studies are underway for the development of the lkike field.

TOTAL is also developing LNG activities with a 15% stake in the Nigeria LNG Ltd company, which owns a liquefaction plant with a 22 Mt/year total capacity.

Assessments are underway for the installation of an additional capacity of approximately 8.5 Mt/year. In an effort to

focus its activities, TOTAL is currently reevaluating its participation in the Brass LNG project, in which it holds a 20.48% interest.

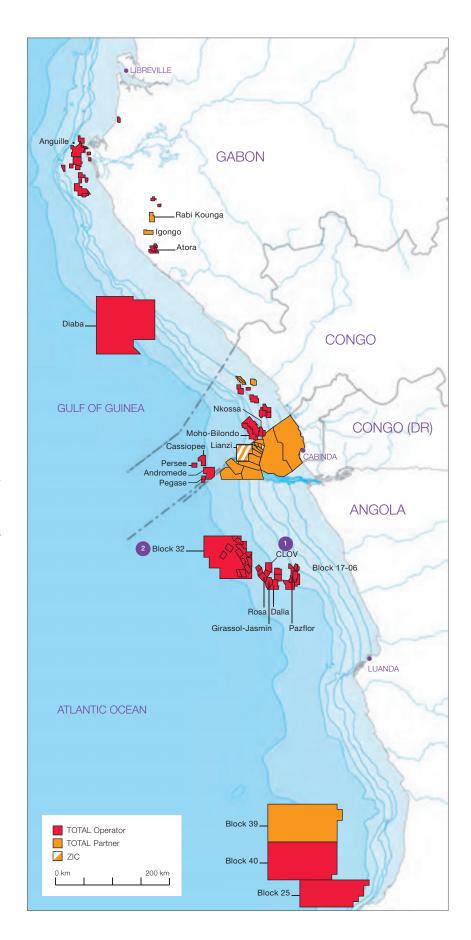
The Group's non-operated production in Nigeria comes mostly from the SPDC joint venture in which TOTAL holds a 10% stake. TOTAL also holds an interest in deep offshore OML 118 **1** (12.5%). On this lease in 2015, the Bonga field has contributed 19 kboe/d to the Group's production. A unitization agreement for the Bonga South West/Aparo discovery (10%) was submitted to the authorities in 2015.



ANGOLA

In Angola, where TOTAL is the leading oil operator in the country (1), the Group's production was 248 kboe/d in 2015 compared to 200 kboe/d in 2014 and 186 kboe/d in 2013. This production comes from Blocks 17, 14 and 0.

- Deep offshore Block 17 (40%, operator) is TOTAL's main asset in Angola. It is composed of four major producing hubs: Girassol, Dalia, Pazflor and CLOV. The latest greenfield project, CLOV, started production in June 2014 1 and, since September 2014, its production plateau of 160 kboe/d has been maintained. In June 2015, Dalia Phase 1A, a new development in the Dalia field, started production.
- On the ultra-deep offshore Block 32 ② (30%, operator), the Kaombo project was launched in April 2014 to develop the discoveries in the southeast part of the block via two FPSOs (Floating Production Storage and Offloading facilities) with a capacity of 115 kb/d each. The drilling campaign of 59 wells began in October 2015 and production start-up is planned for 2017. The exploration and delineation of the center and north parts of the block (outside Kaombo) is ongoing.
- On Block 14 (20%)⁽²⁾, production comes from the Tombua-Landana and Kuito fields as well as the BBLT project, comprising the Benguela, Belize, Lobito and Tomboco fields.
- Block 14K (36.75%) is the offshore unitization zone between Angola (Block 14) and the Republic of the Congo (Haute Mer license). The Lianzi field, which was connected to the existing BBLT platform (Block 14), started production at the end of October 2015. The project is expected to reach a production plateau of 40 kb/d. TOTAL's interest in the unitized Block region is held 10% through Angola Block 14 BV and 26.75% through Total E&P Congo.
- On Block 0 (10%), the development of Mafumeira Sul was approved by the partners and authorities in 2012. This project constitutes the second development phase of the Mafumeira field and is expected to start production by the end of 2016.



⁽¹⁾ Company data.

⁽²⁾ Stake held by the company Angola Block 14 BV (TOTAL 50.01%).

 In April 2014, TOTAL sold its entire stake in Block 15/06 (15%). In the Bas-Congo basin, TOTAL is the operator of exploration Block 17/06 (30%). The Group relinquished Block 33 (58.67%, operator) in November 2014.

In the Kwanza basin, deep offshore, TOTAL is also operator of Blocks 25 (35%), and 40 (40%) and holds an interest in Block 39 (7.5% following the finalization of the sale of half of its stake in March 2015). TOTAL is also developing its LNG activities through the Angola LNG project (13.6%), which includes a gas liquefaction plant near Soyo supplied by gas associated with production from Blocks 0, 14, 15, 17 and 18. LNG production started in June 2013, but various technical incidents required the extended shutdown of the plant. LNG production is expected to resume in 2016.

REPUBLIC OF THE CONGO

The Group's production was 87 kboe/d in 2015 compared to 95 kboe/d in 2014 and 93 kboe/d in 2013. In December 2013, Qatar Petroleum International Upstream (QPI) purchased a 15% stake in the capital of Total E&P Congo, via a share capital increase of the subsidiary.

- On the offshore field Moho Bilondo (53.5%, operator), phase 1b project (estimated capacity: 40 kboe/d) started production in December 2015.
 Production of the Moho Nord project (estimated capacity: 100 kboe/d) is expected to start by the first half of 2017.
- Block 14K (36.75%) corresponds to the offshore unitization area between the Republic of the Congo (Haute Mer license) and Angola (Block 14 located in Angola). The production of the Lianzi field started at the end of October 2015. TOTAL's interests in the unitization area are 26.75% held by Total E&P Congo and 10% by Angola Block 14 BV.
- Since 2013, as part of the renewal of licenses, the stakes held by the Group have been 42.5% on the Loango license and 29.75% on the Zatchi license.
- Total E&P Congo is operator of Djéno (63%), the sole oil terminal in the country.

GABON

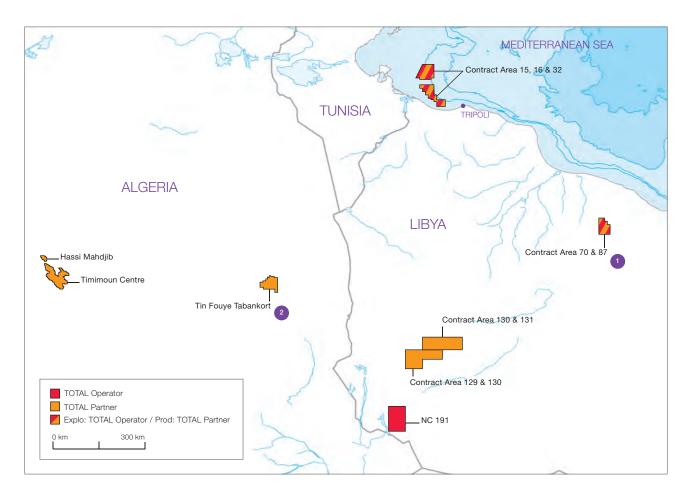
The Group's production in 2015 was 59 kboe/d compared to 58 kboe/d in 2014 and 59 kboe/d in 2013. The Group's exploration and production activities in

Gabon were primarily carried out by Total Gabon (1).

- On the Anguille field (100%, operator), production of phase 3 of the redevelopment project (production capacity estimated at 20 kboe/d) from the AGM Nord platform started in 2013 and 18 wells are operational today.
- On the Torpille field (100%, operator), the data acquired during the 3D seismic survey performed in 2014 is now being processed.
- On the deep-offshore Diaba license (42.5%, operator), an exploration well (Diaman-1B), drilled in 2013, showed an accumulation of gas and condensates. Additional seismic data acquired at the end of 2014 on the western part of the license is being processed and is expected to generate a full inventory of the license's prospectivity.
- On the Nziembou (20%) license, the Igongo-1X well (which revealed a multilayer accumulation of oil and gas) was commissioned by connecting to the facilities of the Echira field in June 2015.







ALGERIA

TOTAL's production was 25 kboe/d during 2015, compared to 20 kboe/d in 2014 and 21 kboe/d in 2013. All of the Group's production in Algeria comes from the Tin Fouyé Tabankort (TFT) field (35%) ②.

TOTAL also has a 37.75% stake in the Timimoun gas development project.

The development of the Timimoun field continued in 2015 with engineering activities, the start of plant construction and the drilling preparation.

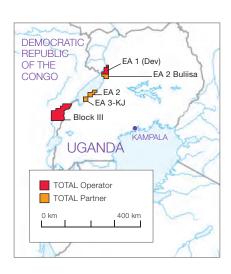
LIBYA

In Libya, where the security context remains unstable, the Group's production was 14 kb/d in 2015 compared to 27 kb/d in 2014 and 50 kb/d in 2013. This production comes from blocks located on offshore areas 15, 16 and 32 (Al Jurf, 75% (1)), which have not been affected by the security issues. Since the fourth quarter of 2014, production as well as exploration activities have been stopped on Mabruk – onshore areas 70 and 87 **1** (75% (1)) – and on El Sharara – onshore areas 129, 130 (30% (1)), and 130 and 131 (24% (1)).

UGANDA

In Uganda, a growth area for the Group and where TOTAL has been present in the upstream since 2012, the Group has a 33.33% stake in the EA-1, EA-1A and EA-2 licenses and 28.33% in the EA-3 license located in the region of Lake Albert. TOTAL is the operator of licenses EA-1 and EA-1A and partner on the other licenses.

- On the EA-1 license, a drilling campaign, production tests and 3D seismic acquisition survey were carried out between 2012 and mid-2014. As of the end of 2014, five development plans had been submitted to the authorities. In 2015, discussions for the obtaining of production licenses were continued, and development optimization studies were conducted in order to start the project phase.
- The EA-1A license expired in 2013 at the end of a drilling campaign that resulted in one discovery (Lyec). With the exception of the area relating to this discovery, the license was relinquished to the authorities.
- On the EA-2 license, the drilling campaign and production tests started in 2012 were completed in 2014. Two development plans were submitted to the authorities in 2013. In 2015, discussions continued for the obtaining of production licenses.
- The development plan for Kingfisher field, located on the EA-3 production license, was approved by the authorities in 2013 and the work to develop the field continues.
- In 2015, discussions were continued with the authorities of Uganda in order to assess the best option for the layout for the crude oil export pipeline to the Indian Ocean.



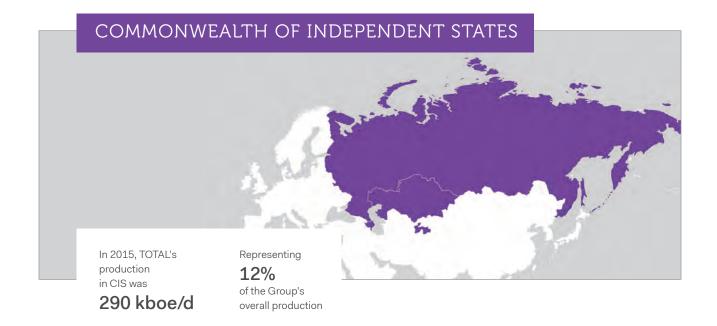
MOROCCO

The 3D seismic processing and interpretation studies acquired in 2013 in the south of the Block continued in the scope of the recognition authorization of Anzarane offshore, which covers an ocean region of 100,000 km² and was allocated in December 2011 to TOTAL by the ONHYM (National Office of Hydrocarbons and Mines). The results of geological studies having not been encouraging, the recognition authorization, which had been extended until December 2015, was not transformed into an exploration license.

REST OF AFRICA

TOTAL also holds interests in exploration licenses in South Africa, Côte d'Ivoire, Egypt, Kenya, Madagascar, Mauritania, Mozambique and the Democratic Republic of the Congo, and is negotiating with the authorities with the view to resume exploration activities in the Republic of South Sudan.

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PRODUCTION

	2015	2014	2013	2012	2011
Liquids production (Kb/d)	54	36	32	27	22
Gas production (Mcf/d)	1,252	1,135	1,046	909	525
Total (Kboe/d)	290	249	227	195	119

MAIN START-UPS

Start-up	Projects	Туре	Capacity (kboe/d)	Share	Op. Country
2015	Termokarstovoye	Gas/Cond.	65	49%(1)	Russia
2016	Kashagan	Liquids	370	16.81%	Kazakhstan
2017+	Yamal LNG	LNG	450	20%(1)	Russia

⁽¹⁾ Direct stake only.

TOTAL'S PRODUCING ASSETS AS OF DECEMBER 31, 2015(1)

	Year of entry into the country	Operated (Group share in %)	Non-operated (Group share in %)
Commonwealth of Independent States			
Kazakhstan	1992		Kashagan (16.81%)
Russia	1991	Kharyaga (40.00%)	
			Termokastovoye (49.00%) (2)
			Several fields through the participation
			in Novatek (18.90%)
		_	

⁽¹⁾ The Group's interest in the local entity is approximately 100%. (2) TOTAL's interest in the joint venture with Novatek.

RUSSIA

In Russia, where, as of December 31, 2015, the Group holds 19% of its proved reserves, the Group's production was 290 kboe/d in 2015 compared to 235 kboe/d in 2014 and 207 kboe/d in 2013. This production comes from the Kharyaga and Termokarstovoye fields and TOTAL's stake in OAO Novatek (18.9% as of December 31, 2015). In 2015, Russia became the leading contributor to the Group's production.

In 2014, international economic sanctions associated with the situation in Ukraine were adopted by the United States, the European Union and other countries. TOTAL complies with sanctions applicable to its activities.

On the Kharyaga • (40%, operator) project, the works relating to the development plan of phases 3 and 4 are ongoing though they slowed in 2015 after a dispute with the main contractor, which was settled at the end of 2015. In addition,

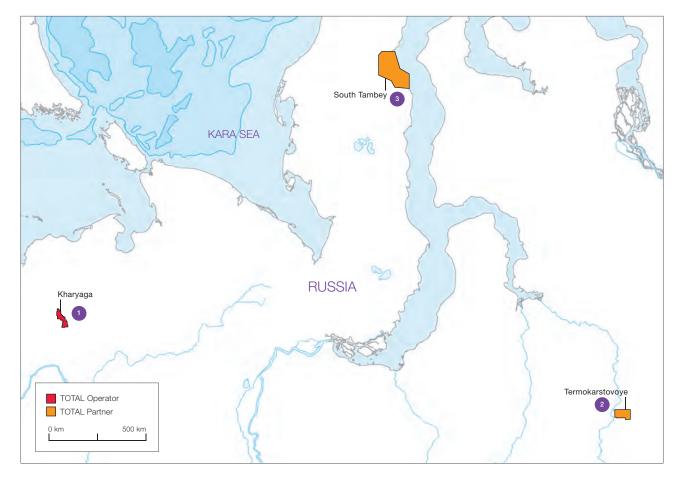
in January 2016, TOTAL signed an agreement for the sale of 20% interest and the transfer of operatorship of the field. This sale is expected to take effect in the second quarter of 2016, subject to the approval of the authorities.

In addition to its shareholding in Novatek, TOTAL currently participates via a direct stake in two projects with Novatek:

- Termokarstovoye ② (an onshore gas and condensates field, located in the Yamalo-Nenets region): the development and production license of Termokarstovoye field is held by ZAO Terneftegas, a joint venture between Novatek (51%) and TOTAL (49%). This field, which started production in May 2015, reached its capacity of 65 kboe/d in September 2015; and
- Yamal LNG: in December 2013 the company OAO Yamal LNG⁽¹⁾ launched the project, aimed at developing the onshore field of South Tambey ^⑤ (gas and condensates) located on the Yamal peninsula and at building a three-train

gas liquefaction plant with total LNG capacity of 16.5 Mt/y. The financing plan for the Yamal LNG project is being reviewed, and the project's partners are engaged in efforts to develop a financing plan in compliance with the applicable regulations. In 2015, the project advanced satisfactorily according to schedule.

The exploration project on the Bazhenov field (shale oil) in the Kanthy Mansiysk region has been suspended since 2014. In 2015, TOTAL transferred all of its rights in the awarded licenses to a subsidiary of the partner of the project.



(1) The OAO Yamal LNG company is owned by Novatek (60%), Total E&P Yamal (20%), and CNODC (20%), a subsidiary of China National Petroleum Corporation. Novatek's investment in the company OAO Yamal LNG is to be reduced to 50.1% following an agreement signed in September 2015 for the entry of the Silk Road Fund (9.9%). This agreement is expected to be approved by the authorities in 2016.

KAZAKHSTAN

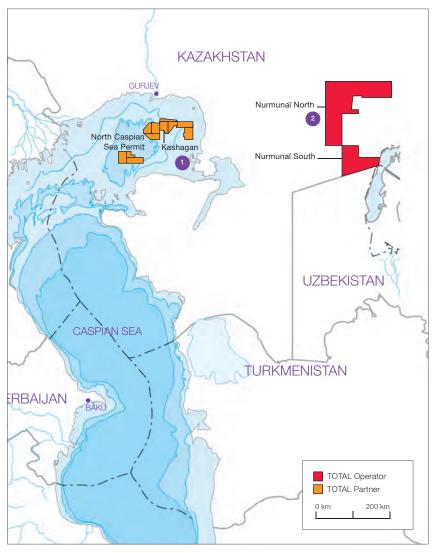
TOTAL holds a stake in the North Caspian license (16.81%), which covers the Kashagan field **1**.

The production of the first phase of the Kashagan project (300 kb/d), started in September 2013, was halted in October 2013 due to leaks detected in the gas export pipeline. The two gas and oil export pipelines are being replaced by the operator. The works progress according to plan and production is expected to resume in December 2016.

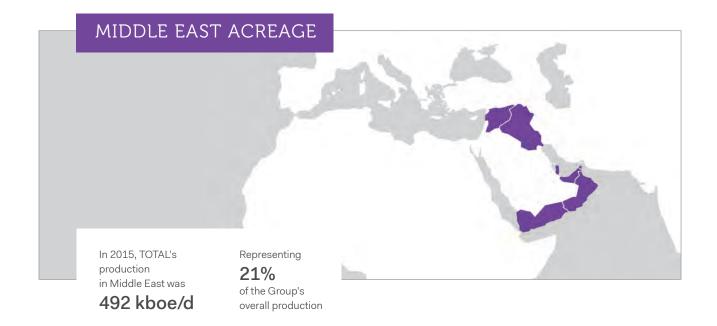
TOTAL is the operator of the Nurmunaï North and South onshore exploration licenses ② (51.1%, after the sale of 23.9% of interests in February 2015) located in the southwest of the country. The drilling of two exploration wells (the first on the Nurmunaï North license and the second on the Nurmunaï South license) was performed between February and October 2015. The results are being analyzed.

REST OF CIS

TOTAL also holds interests in exploration licenses in Azerbaijan and Tajikistan.







PRODUCTION

	2015	2014	2013	2012	2011
Liquids production (Kb/d)	351	192	324	311	317
Gas production (Mcf/d)	778	1,084	1,155	990	1,370
Total (Kboe/d)	492	391	536	493	570

TOTAL'S PRODUCING ASSETS AS OF DECEMBER 31, 2015(1)

	Year of entry	Operated	Non-operated
	into the country	(Group share in %)	(Group share in %)
Middle East			
U.A.E.	1939	Abu Dhabi-Abu Al Bu Khoosh (75.00%)	
			ADCO (10.00%)
			Abu Dhabi offshore (13.33%) (2)
			GASCO (15.00%)
			ADGAS (5.00%)
Iraq	1920		Halfaya (22.5%)(3)
Oman	1937		Various fields onshore (Block 6) (4.00%) (4)
			Mukhaizna field (Block 53) (2.00%) (5)
Qatar	1936	Al Khalij (40.00%)	
			North Field-Bloc NF Dolphin (24.50%)
			North Field-Qatargas 1 Downstream (10.00%)
			North Field-Qatargas 1 Upstream (20.00%)
			North Field-Qatargas 2 Train 5 (16.70%)
Yemen	1987	Kharir/Atuf (Block 10) (28.57%)	
			Various fields onshore (Block 5) (15.00%)

⁽¹⁾ The Group's interest in the local entity is approximately 100% in all cases except certain entities in Abu Dhabi and Oman (see notes (2) through (5) below).

(2) Via Abu Dhabi Marine Areas Limited (equity affiliate), TOTAL holds a 13.33% stake in the Abu Dhabi Marine Areas (ADMA) concession operated by ADMA-OPCO.

(3) TOTAL's interest in the joint venture.

(4) TOTAL's indirect interest (4.00%) in the concession, via its 10% interest in Private Oil Holdings Oman Ltd. TOTAL also has a direct interest (5.54%) in the Oman LNG facility (trains 1 and 2), and an indirect participation (2.04%) through OLNG in Qalhat LNG (train 3).

(5) TOTAL's direct interest in Block 53.

UNITED ARAB EMIRATES

The Group's production was 287 kboe/d in 2015 compared to 127 kboe/d in 2014 and 260 kboe/d in 2013. Since January 1, 2015 the Group has held a 10% stake in the Abu Dhabi Company for Onshore Petroleum Operations Ltd. Concession (ADCO) for a period of 40 years, which follows a previous onshore concession. This concession covers the 15 main onshore fields of Abu Dhabi and represents more than half of the Emirate's production.

TOTAL holds a 75% stake (operator) in the Abu Al Bukhoosh field and a 13.3% stake

in Abu Dhabi Marine Operating Company (ADMA-OPCO), which operates two fields offshore Abu Dhabi. TOTAL also holds a 15% stake in Abu Dhabi Gas Industries (GASCO), which produces NGL and condensates from the associated gas produced by ADCO. In addition, TOTAL holds 5% of the Abu Dhabi Gas Liquefaction Company (ADGAS), which processes the associated gas produced by ADMA-OPCO in order to produce LNG, NGL and condensates, and 5% of National Gas Shipping Company (NGSCO), which owns eight LNG tankers and exports the LNG produced by ADGAS.

The Group holds a 24.5% stake in Dolphin Energy Ltd. in partnership with Mubadala, a company owned by the government of Abu Dhabi, in order to market gas produced in Qatar primarily to the United Arab Emirates.

The Group also owns 33.33% of Ruwais Fertilizer Industries (FERTIL), which produces urea. The FERTIL 2 project commenced operations in 2013, enabling FERTIL to increase its production capacity to 2 Mt/y.



QATAR

The Group's production was 134 kboe/d in 2015 compared to 132 kboe/d in 2014 and 137 kboe/d in 2013.

The Group operates the Al Khalij field (40% operator) and participates in the production, processing and exporting of gas from the North Field due to investments in the LNG Qatargas 1 and Qatargas 2 plants and in Dolphin Energy.

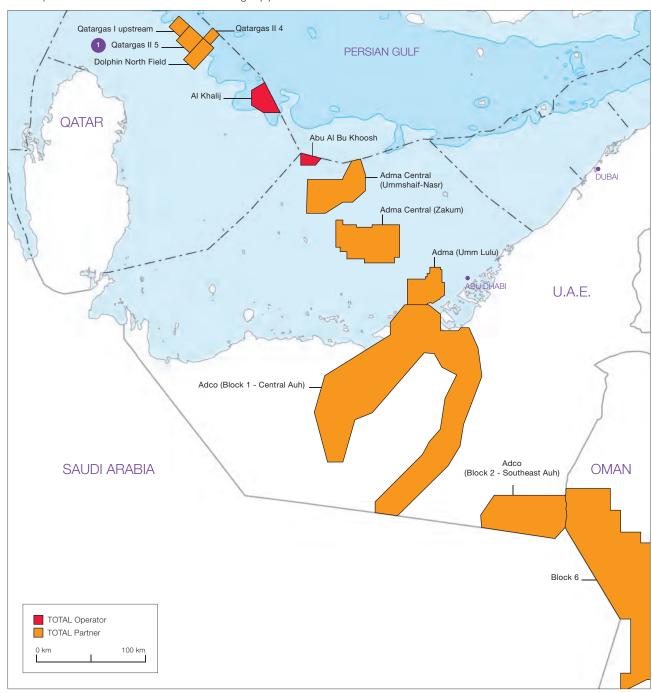
 Qatargas 2 • (16.7%): the production capacity of train 5 of Qatargas 2 stood at 8 Mt/y. TOTAL offtakes part of the LNG produced under the 2006 contracts that provide for the purchase of 5.2 Mt/y of LNG by the Group. In addition, the Group holds a stake in the Qatargas 1 liquefaction plant (10%) as well as a stake in the corresponding Upstream Block NFB (20%).

Oman

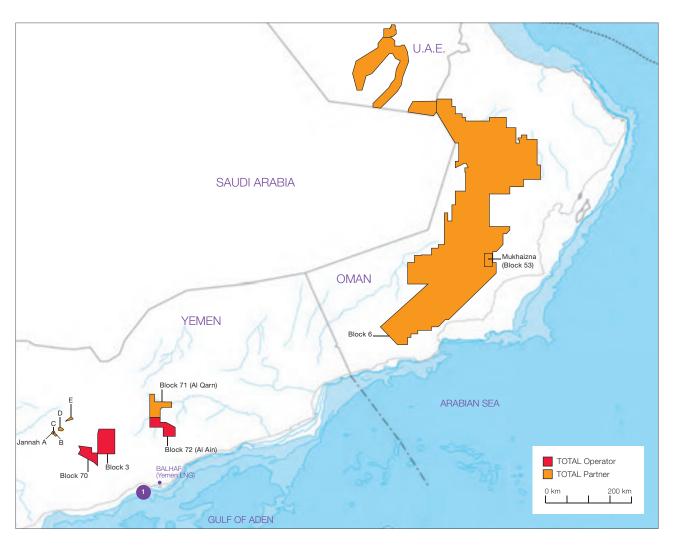
 Dolphin Energy (24.5%): the production contract for the Dolphin gas project, signed in 2001 with Qatar Petroleum, provides for the sale of 2 Bcf/d of gas from the North Field for a 25-year period. The gas is processed in the Dolphin plant in Ras Laffan and exported to the United Arab Emirates through a 360 km gas pipeline.

OMAN

The Group's production in 2015 was 36 kboe/d, stable compared to 2014 and 2013. TOTAL participates in the production of oil principally in Block 6 (4%)(1), but also in Block 53 (2%). The Group also produces LNG through its investments in the Oman LNG (5.54%)/Qalhat LNG (2.04%)(2) liquefaction complex, with an overall capacity of 10.5 Mt/y. The ultra-deep offshore Block 41 license, obtained in 2013, was relinquished in February 2015 following disappointing results.



(1) TOTAL holds an indirect 4% stake in Petroleum Development Oman LLC, operator of Block 6, via its 10% stake in Private Oil Holdings Oman Ltd. (2) TOTAL has an indirect stake via Oman LNG's stake in Qalhat LNG.



YEMEN

The Group's production was 17 kboe/d in 2015 compared to 84 kboe/d in 2014 and 95 kboe/d in 2013.

Due to the further deterioration in the security situation in the vicinity of its Balhaf site, the company Yemen LNG ①, in which the Group holds a 39.62% stake, decided to stop its commercial LNG production and export activities. The plant is in a preservation mode. As

a consequence of this situation, Yemen LNG declared *force majeure* to its various stakeholders in early April 2015.

The PSA of Block 10 (Masila Basin, East Shabwa permit, 28.57%, operator) expired in late December 2015, the license was returned to the Yemeni authorities. TOTAL is a partner in Block 5 (Marib basin, Jannah license, 15%) and holds various stakes in four onshore exploration licenses.

IRAQ

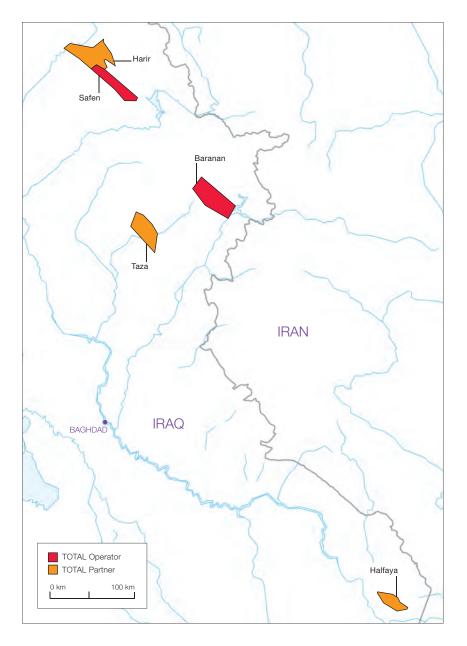
The Group's production in 2015 was 18 kboe/d compared to 12 kboe/d in 2014 and 7 kboe/d in 2013.

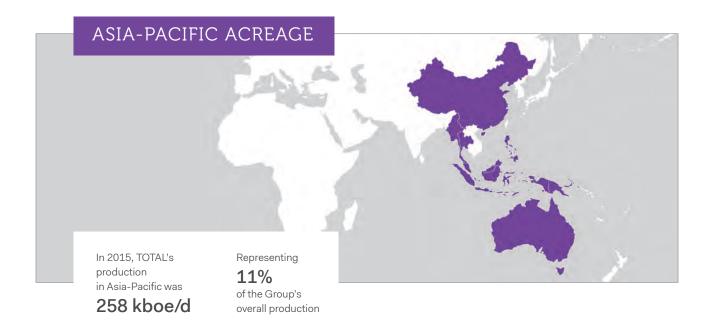
On the Halfaya field in Missan province, following the completion of a negotiation in October 2014, TOTAL's stake increased from 18.75% to 22.5% in the consortium that was awarded the development and production contract. Production of phase 1 of the project started in 2012 and phase 2 started in 2014, enabling production to reach 200 kb/d in the second half of 2014. In 2015, amid low barrel prices, the commencement of EPCC contracts (engineering, procurement, construction and commissioning) of phase 3 of the project (to increase production to 400 kb/d) was postponed.

In Iraqi Kurdistan, TOTAL holds stakes in several exploration blocks.

SYRIA

TOTAL has a 100% stake in the Deir Ez Zor license, which is operated by the joint venture company DEZPC in which TOTAL and the state-owned company SPC each have a 50% share. Additionally, TOTAL is holder of the Tabiyeh contract which came into effect in 2009. The Group has had no production in the country since December 2011, when TOTAL suspended its hydrocarbon production activities in Syria in compliance with the EU's regulations regarding this country.





PRODUCTION

	2015	2014	2013	2012	2011
Liquids production (Kb/d)	34	30	30	27	27
Gas production (Mcf/d)	1,290	1,178	1,170	1,089	1,160
Total (Kboe/d)	258	238	235	221	231

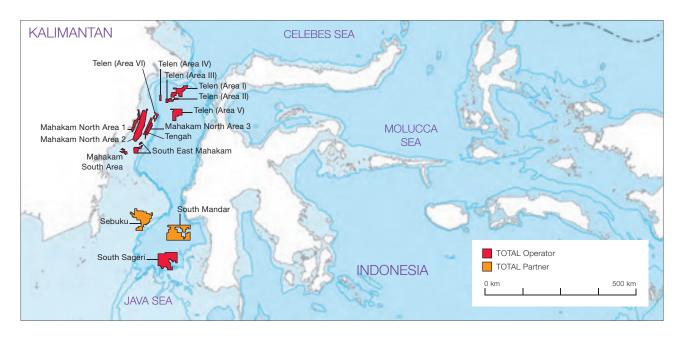
MAIN START-UPS

Start-up	Projects	Туре	Capacity (kboe/d)	Share	Op.	Country
2015	Gladstone LNG	LNG	150	27.5%		Australia
2017+	Ichthys LNG	LNG	344	30%		Australia

TOTAL'S PRODUCING ASSETS AS OF DECEMBER 31, 2015(1)

	Year of entry into the country	Operated (Group share in %)	Non-operated (Group share in %)
Asia-Pacific			
Australia	2005		Various fields in UJV GLNG (27.50%) (2)
Brunei	1986	Maharaja Lela Jamalulalam (37.50%)	
China	2006		South Sulige (49.00%)
Indonesia	1968	Bekapai (50.00%)	•
		Handil (50.00%)	
		Peciko (50.00%)	
		Sisi-Nubi (47.90%)	
		South Mahakam (50.00%)	
		Tambora (50.00%)	
		Tunu (50.00%)	
			Badak (1.05%)
			Nilam-gas and condensates (9.29%)
			Nilam-oil (10.58%)
			Ruby-gas and condensates (15.00%)
Myanmar	1992	Yadana (31.24%)	
Thailand	1990		Bongkot (33.33%)

⁽¹⁾ The Group's interest in the local entity is approximately 100%. (2) TOTAL's interest in the unincorporated joint venture.



INDONESIA

The Group's production was 147 kboe/d in 2015 compared to 130 kboe/d in 2014 and 131 kboe/d in 2013.

TOTAL's operations in Indonesia are primarily concentrated on the Mahakam license (50%, operator), which in particular includes the Peciko and Tunu gas fields. TOTAL also has a stake in the Sisi-Nubi gas field (47.9%, operator). The Mahakam license expires in December 2017. The Indonesian government has decided to allocate 100% of the participating interest to Pertamina (operator) from January 1, 2018 onwards, while giving Pertamina the possibility to farm-out a maximum interest of 30% to TOTAL and its current partner, INPEX. The Group delivers most of its natural gas production to the Bontang LNG plant. These volumes of gas represented approximately 80% of the Botang plant's supply in 2015. To this gas production was added the operated production of oil and condensates from the Handil and Bekapai fields.

- On the Mahakam license, the works aimed at maintaining production on the Tunu, Peciko, South Mahakam, Sisi-Nubi and Bekapai fields are ongoing.
- On the Sebuku (15%) license, production start-up of the Ruby gas field took place in 2013, with a production capacity of approximately 100 Mcf/d. Production is routed via pipeline for processing and separation at the Senipah terminal (operated by TOTAL).
- TOTAL also holds stakes in two exploration blocks: Mentawai (80%, operator) and Telen (100%).
- In addition, the Group holds stakes in blocks with no activity: Sadang (30%), Sageri (50%), Arafura Sea (24.5%), Amborip VI (24.5%), South Mandar (49.3%), South West Bird's Head (90%,

- operator) and South East Mahakam (50%, operator).
- Early in 2015, the Group sold its stake in the two coal bed methane (CBM) blocks located in the East Kalimantan province, Kutai II (18.4%) and Kutai Timur (50%).

THAILAND

The Group's production was 62 kboe/d in 2015 compared to 60 kboe/d in 2014 and 63 kboe/d in 2013. This comes from the offshore gas and condensates field of Bongkot (33.33%). PTT (Thai state-owned company) purchases all of the natural gas and condensates production. New investments are underway for maintaining the plateau and responding to gas demand.

Myanmar

MYANMAR

The Group's production was 19 kboe/d in 2015 compared to 17 kboe/d in 2014 and 16 kboe/d in 2013.

The Yadana field • (31.2%, operator), located on the offshore Blocks M5 and M6, primarily produces gas for delivery to PTT (Thai state-owned company) for use in Thai power plants. The Yadana field also supplies the domestic market via two pipelines built and operated by MOGE, a Myanmar state-owned company. The LCP-Badamyar project, which includes the installation of the Badamyar field compression and development platform connected to the Yadana facilities, was launched in September 2014.

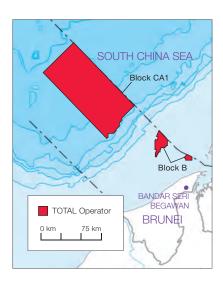
In 2014, the Group was awarded the deep offshore Block YWB (100%, operator) during the offshore round launched by the local authorities. The PSC was signed in February 2015.

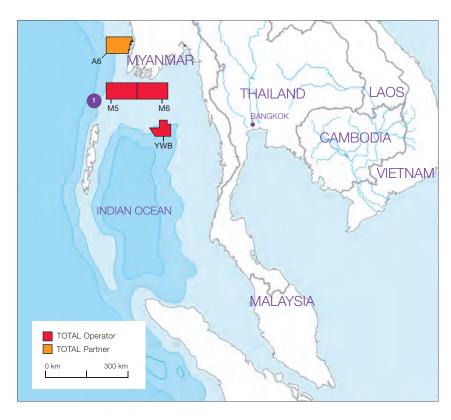
In October 2015, the Group sold its stake in the offshore Block M11 (47.06%) and entered in exploration license A6 (40%) in the deep offshore area west of Myanmar. A first well was drilled in December 2015 on which a natural gas discovery has been made and is currently under evaluation.

BRUNEI

TOTAL operates the offshore Maharaja Lela Jamalulalam gas and condensates field located on Block B (37.5%). The Group's production was 15 kboe/d in 2015 as in 2014 and compared to 13 kboe/d in 2013. The gas is delivered to the Brunei LNG liquefaction plant.

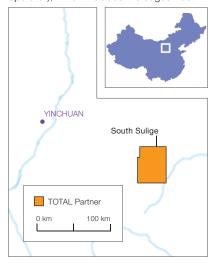
A study regarding the additional development of the southern part of the





gas field (Maharaja Lela South) was completed in 2013. The project was launched in early 2014 with the signature of the majority of the contracts and the 20-year extension on the existing license. Onshore, a first debottlenecking phase for the production processing plant was completed in 2015, increasing production by 20%. Offshore, the installation of a third platform was completed at the end of 2015 and the drilling campaign started in February 2016. The first wells are expected to be put into production in 2016.

Studies are currently being conducted to reassess the potential of the deep offshore exploration Block CA1 (where TOTAL is operator), which includes the Jagus East



discovery. Following the decision of two partners to sell their interest in the block, TOTAL decided to exercise its preemptive right, bringing its stake from 54% to 86.9%. A well was drilled in November 2015, and has confirmed the connection of the Jagus East field with the Gumusut-Kakap reservoirs in Malaysia. Discussions of the terms of the unitization are underway between the two countries and an agreement should be reached in

CHINA

TOTAL has been active since 2006 on the South Sulige Block, located in the Ordos Basin in the Inner Mongolia province. The Group's production was 11 kboe/d in 2015 compared to 12 kboe/d in 2014 and 8 kboe/d in 2013. Following appraisal work by TOTAL, China National Petroleum Corporation (CNPC) and TOTAL agreed to a development plan under which CNPC is the operator and TOTAL holds a 49% stake. This development plan was approved by the authorities in 2014. The drilling of development wells is ongoing.

In 2013, TOTAL signed a joint study agreement with Sinopec for potential shale gas on the Xuancheng license (4,000 km²) near Nanjing. A 2D seismic survey was performed in 2014 and the drilling of an exploration well was done in 2015.

AUSTRALIA

In Australia, where TOTAL has had mining rights since 2005, the Group's production was 4 kboe/d in 2015, 2014 and 2013.

- The Ichthys project (30%) involves the development of a gas and condensates field located in the Browse Basin. This development will include a floating platform designed for the production, processing and exportation of gas (CPF, Central Processing Facility), an FPSO (with condensate processing capacity of 100 kb/d) to stabilize and export the condensate, an 889 km gas pipeline and an onshore liquefaction plant (with 8.9 Mt/y LNG and 1.6 Mt/y LPG capacities) at Darwin. The LNG has already been sold mainly to Asian buyers under longterm contracts. Production is expected to start in 2017.
- Gladstone LNG (GLNG) (27.5%) is an integrated gas production, transportation and liquefaction project of 7.2 Mt/y based on the development of coal seam gas from the Fairview, Roma, Scotia and Arcadia fields. The development of a first upstream phase was completed with the start of production of Fairview 3 and 4 and Roma 2. Train 1 (3.6 Mt/y capacity) started production in September 2015 and the first LNG cargo left GLNG for South Korea in October 2015. The development of the liquefaction plant continues with the construction of train 2, which is expected to start production in 2016.

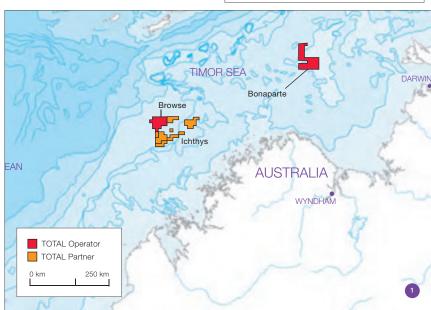


- The WA-492 and WA-493 licenses, located in the Carnarvon basin, were awarded to TOTAL (100%, operator) in 2013. A 2D seismic regional campaign began in January 2015.
- In 2012, TOTAL signed an agreement to enter into three shale gas exploration licenses located in the South Georgina basin in the center of the country. In 2013, a 2D seismic survey was acquired on three licenses and a drilling campaign began in 2014 with two wells. Technical studies are ongoing.

PAPUA NEW GUINEA

In Papua New Guinea, where TOTAL has been active since 2012, the Group acquired in March 2014 a stake in Block PRL-15 (40.1%). TOTAL became the



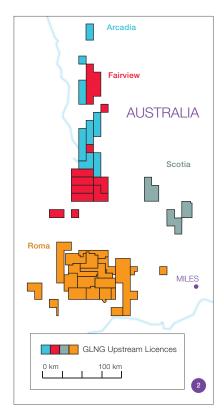


operator in August 2015. The State of Papua New Guinea retains the right to enter on the license (when the final investment decision is made) at a maximum level of 22.5%. In this case, TOTAL's stake would be reduced to 31.1%.

Block PRL-15 includes the two discoveries Elk and Antelope, growth areas for the Group. A delineation program of these discoveries is underway. The results of the first wells drilled have confirmed the level of resources in the Elk and Antelope fields. TOTAL has also started development studies in the Elk and Antelope fields, including on the construction of an onshore gas liquefaction plant. In July 2015, the location of the various production sites was announced to the authorities.

REST OF ASIA

TOTAL also holds interests exploration licenses in Malaysia and the Philippines.





PRODUCTION

	2015	2014	2013	2012	2011
Liquids production (Kb/d)	47	50	54	59	71
Gas production (Mcf/d)	588	599	627	682	648
Total (Kboe/d)	152	157	166	182	188

MAIN START-UPS

Start-up	Projects	Туре	Capacity (kboe/d)	Share	Op. Country
2016	Vega Pleyade	Gas	70	37.5%	x Argentina
	Incahuasi	Gas	50	60%	x Bolivia
2017+	Libra EWT	Deep off.	50	20%	Brazil

TOTAL'S PRODUCING ASSETS AS OF DECEMBER 31, 2015(1)

	Year of entry	Operated	Non-operated
	into the country	(Group share in %)	(Group share in %)
South America			
Argentina	1978	Aguada Pichana (27.27%)	
		Aguada San Roque (24.71%)	
		Aries (37.50%)	
		Cañadon Alfa Complex (37.50%)	
		Carina (37.50%)	
		Hidra (37.50%)	
		Kaus (37.50%)	
			Rincón de Aranda (45.00%)
			Sierra Chata (2.51%)
Bolivia	1995		San Alberto (15.00%)
			San Antonio (15.00%)
			Itaú (41.00%)
Venezuela	1980		PetroCedeño (30.32%)
			Yucal Placer (69.50%)

⁽¹⁾ The Group's interest in the local entity is approximately 100%.



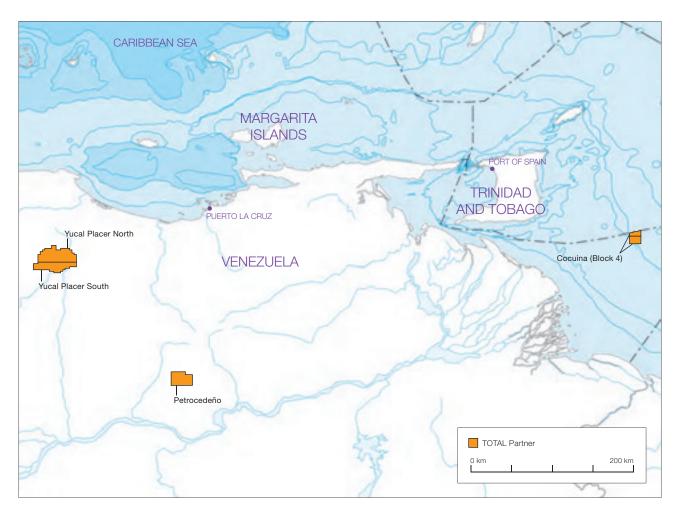
ARGENTINA

In Argentina, TOTAL operated approximately 30% (1) of the country's gas production in 2015. The Group's production was 72 kboe/d in 2015 compared to 75 kboe/d in 2014 and 78 kboe/d in 2013. From 2012, the Argentinean government concluded gas price agreements with various producers under which the government guarantees the price of gas for quantities above a fixed production level in exchange for compliance with defined production targets and applicable penalties (i.e., "deliver or pay"). In 2013, TOTAL signed an agreement of this type for a period of five years with retroactive effect from December 1, 2012.

- In Tierra del Fuego, the Group operates the Carina and Aries offshore fields (37.5%). A drilling campaign for two additional wells off the existing platform was completed in 2015. The Vega Pleyade field ◑ (37.5%, operator), where development work was launched in 2013 (with a production capacity of 350 Mcf/d), started production in February 2016.
- In the Neuquén basin, two pilot projects were launched following positive initial results of the drilling campaign on its mining licenses in order to assess its gas and shale oil potential: one on the Aguada Pichana Block ② (27.3%, operator) where production started mid-2015, and the other on the Rincón la Ceniza Block (42.5%, operator).

(1) Source: Department of Federal Planning, Public Investment and Services, Energy Secretariat.





VENEZUELA

In Venezuela, where TOTAL has been active since 1980, the Group's production was 52 kboe/d in 2015 as in 2014 and compared to 48 kboe/d in 2013. TOTAL has stakes in PetroCedeño (30.3%) and Yucal Placer (69.5%) as well as the offshore exploration Block 4 of Plataforma Deltana (49%).

Development of the extra heavy oil field of PetroCedeño continues in the southern area as in the main area (47 production wells were drilled in 2015 compared to 86 in 2014 and 43 in 2013), as well as the debottlenecking project for the water separation and treatment facilities.

In the Yucal Placer field, following the signature of an amendment to the gas sale contract, a new development phase was

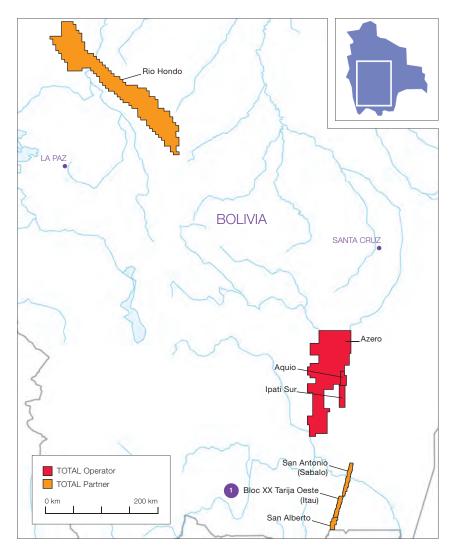
launched in 2012. In April 2014, the production field has increased following the commissioning of new clusters and the debottlenecking of the existing gas processing train (production capacity of 150 Mcf/d in 2015).

BOLIVIA

The Group's production, mainly gas, was 28 kboe/d in 2015 compared to 30 kboe/d in 2014 and 28 kboe/d in 2013.

TOTAL is active on seven licenses: three production licenses at San Alberto (15%), San Antonio (15%) and Block XX Tarija Oeste (41%); two licenses in development phase ①, Aquio and Ipati (60%, operator); and two exploration phase licenses, Rio Hondo (50%) and Azero (50%, operator of the exploration phase).

- Following the discovery of the Incahuasi gas field, located in the Ipati Block, TOTAL was granted approval by the authorities to launch the first development phase of the project, including the connection of three wells already drilled in a 6.5 Mm³/d capacity processing plant. The project is expected to start production mid-2016. In mid-2014, TOTAL reduced its stake in Aquio and Ipati from 80% to 60%.
- In 2013, TOTAL acquired a 50% stake in the Azero exploration license located in the Andean foothills, which extends over an area of 7,800 km². The exploration period began in June 2014.





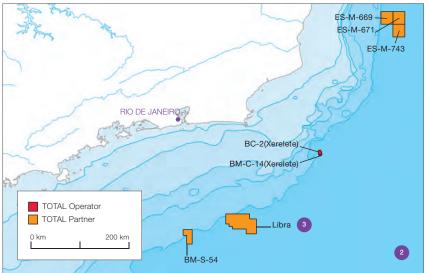


BRAZIL

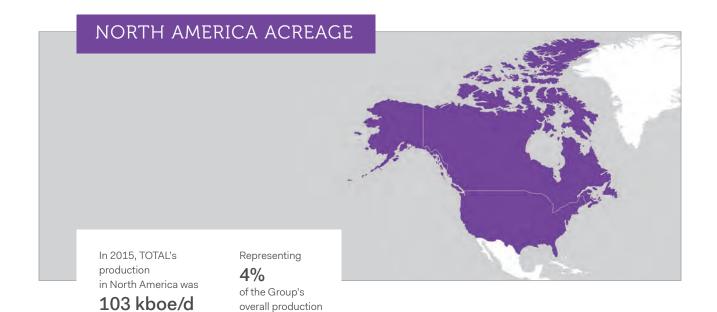
In Brazil, a growth area for the Group, TOTAL acquired in 2013 a 20% stake in the Libra field 3, located in the Santos basin. The field is located in the ultra-deep offshore (2,000 m) approximately 170 km off the coast of Rio de Janeiro and covers an area of 1,550 km². In 2014, a 50 kb/d $\,$ capacity boat was reserved for long duration production testing. In 2015, the drilling of two wells was completed and one of two others started in the northwest and center of the field. The Group also holds stakes in 18 exploration licenses, following the 2015 acquisition of a 50% stake in Blocks P-M 1269, 1271, 1351 and 1353 in the Pelotas basin.

REST OF SOUTH AMERICA

TOTAL also holds interests in exploration licenses in Aruba, Columbia, French Guiana and Uruguay.







PRODUCTION

	2015	2014	2013	2012	2011
Liquids production (Kb/d)	48	39	28	25	27
Gas production (Mcf/d)	308	285	256	246	227
Total (Kboe/d)	103	90	73	69	67

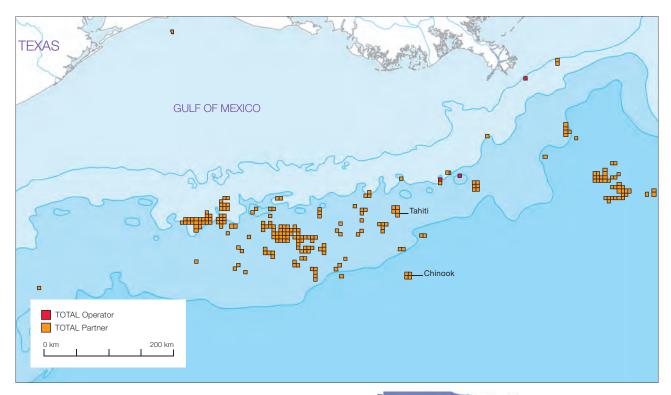
MAIN START-UPS

Start-up	Projects	Туре	Capacity (kboe/d)	Share	Op. Country
2015	Surmont Ph. 2	Heavy oil	118	50%	Canada
2017+	Fort Hills	Heavy oil	180	29.2%	Canada

TOTAL'S PRODUCING ASSETS AS OF DECEMBER 31, 2015(1)

	Year of entry into the country	Operated (Group share in %)	Non-operated (Group share in %)
North America			•
Canada	1999		Surmont (50.00%)
United States	1957		Several assets in the Barnett Shale area (25.00%) (2) Several assets in the Utica Shale area (25.00%) (2) Chinook (33.33%), Tahiti (17.00%)

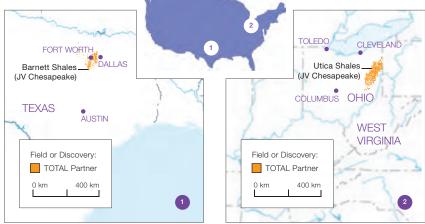
⁽¹⁾ Group's interest in the local entity is approximately 100%. (2) TOTAL's interest in the joint venture with Chesapeake.



UNITED STATES

The Group's production was 89 kboe/d in 2015 compared to 78 kboe/d in 2014 and 60 kboe/d in 2013.

- In the Gulf of Mexico, TOTAL holds interests in the deep offshore fields Tahiti (17%) and Chinook (33.33%).
 In 2015, the TOTAL (40%) – Cobalt (60%, operator) alliance, formed in 2009 for exploration in the Gulf of Mexico, carried out further drilling to evaluate the size of the North Platte discovery.
- TOTAL is also present in shale gas production in the United States through its 25% stake in two joint ventures operated by Chesapeake in the Barnett (Texas) and Utica (Ohio) basins. Drilling activity in these basins was greatly reduced in 2015 due to the decrease in the price of gas and related liquids. In Barnett, four wells were drilled in 2015 compared to 40 in 2014 and



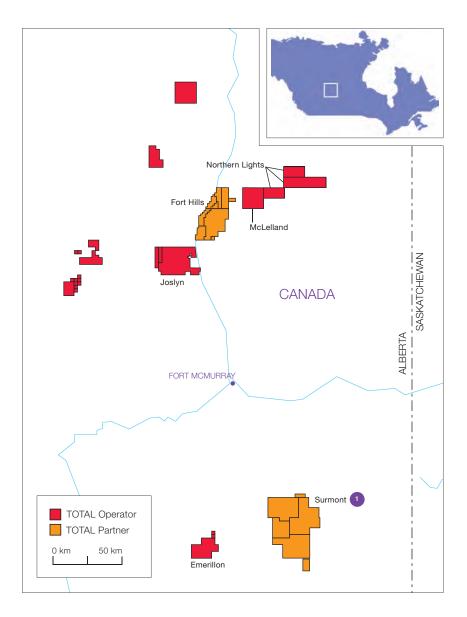
approximately 60 in 2013. In Utica, the number of drilling rigs employed has been reduced from nine to one in 2015 and TOTAL participated in eight wells with Chesapeake. In 2014, approximately 170 wells were drilled by the joint venture and over 200 were drilled in 2013.

The R&D stage oil shale projects (in situ and ex situ production technology) in which the Group holds a stake (through the American Shale Oil LLC, 55.7%, and the 50/50 joint venture with the company Red Leaf Resources) including the development of the Red Leaf pilot, have been deferred.

CANADA

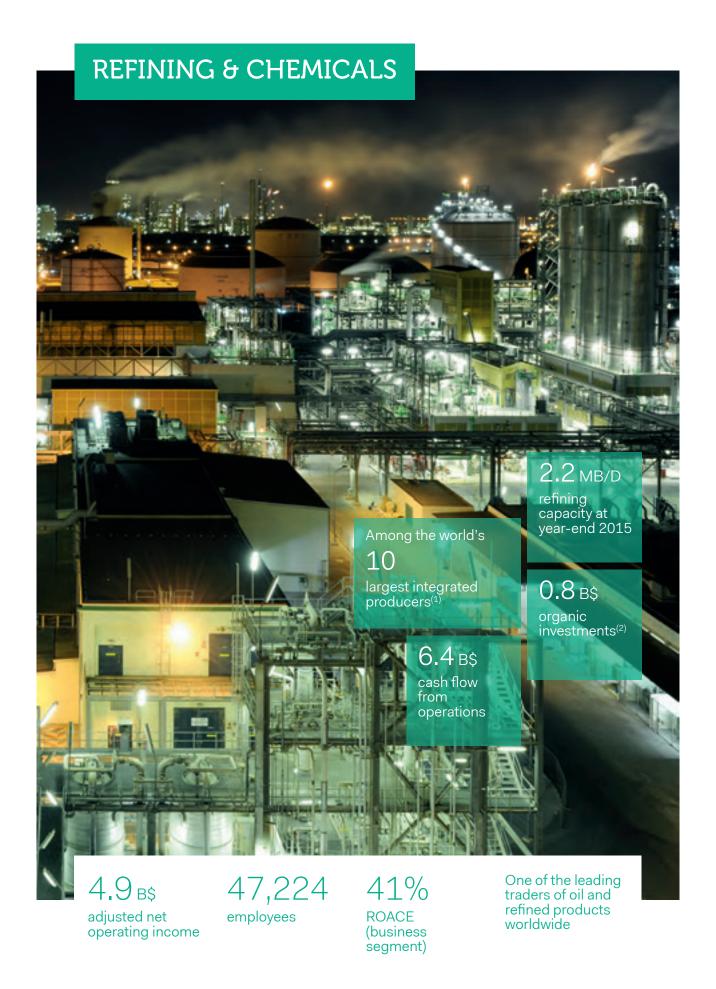
The Group's production was 14 kboe/d in 2015 compared to 12 kboe/d in 2014 and 13 kboe/d in 2013. This production comes entirely from TOTAL's 50% stake in the Surmont project **1** developed by SAGD¹. Phase 2 of the project was commissioned in September 2015 and at the end of the ramp-up in 2017, the project is expected to have a total capacity of approximately 150 kb/d (75 kb/d in Group share). Construction of the second oil sand project in which TOTAL has a stake, the Fort Hills mining project, has progressed on time and within budget. At a more than 50% completion rate as at the end of 2015, production from Fort Hills is expected to start toward the end of 2017. As a result of a full comparative analysis of its global assets portfolio of in the context of the lower oil prices, the Group decided in 2015 to reduce its exposure to Canadian oil sands. In November 2015, TOTAL sold 10% of its 39.2% stake in the Fort Hills project to the operator, reducing its interest to 29.2%.

On the Joslyn (38.25%, operator) and Northern Lights (50% operator) oil sands licenses, the projects were suspended and works have been strictly limited to legal and contractual obligations, and maintaining safety.





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2016 OUTLOOK



Refining, petrochemicals and specialty chemicals operations

TOTAL's petrochemical operations are integrated with its refining operations. The specialty chemicals businesses include elastomer processing (Hutchinson) and electroplating chemistry (Atotech).

Oil trading and shipping activities



4 major projects in Lindsey, La Mède, Antwerp and Satorp

Focusing

on major integrated platforms -Antwerp, Daesan, Normandy, Port Arthur, Qatar, Satorp

Expanding

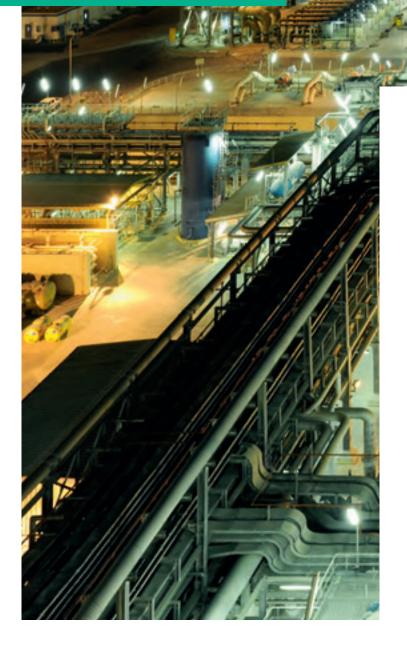
in growing regions and markets: - Evaluating a side-cracker in the United States and a cracker debottlenecking in Qatar
- Promoting Bio Fuels and Bio plastics

Enhancing

operational efficiency to reach ≥94% availability rate

Building

smart digital plants and integrating new technologies in organizations



FINANCIAL HIGHLIGHTS

(in million dollars)	2015	2014	2013	2012	2011
Adjusted operating income ⁽¹⁾	5,649	2,739	1,766	1,873	848
Adjusted net operating income (1)	4,889	2,489	1,857	1,768	1,173
Contribution of Specialty Chemicals	496	629	583	491	590
Gross investments (2)	1,843	2,022	2,708	2,502	2,659
Organic investments (3)	827	1,944	2,530	2,094	2,373
Divestments	3,488	192	365	392	3,492
Cash flow from operations	6,432	6,302	4,260	2,726	2,987

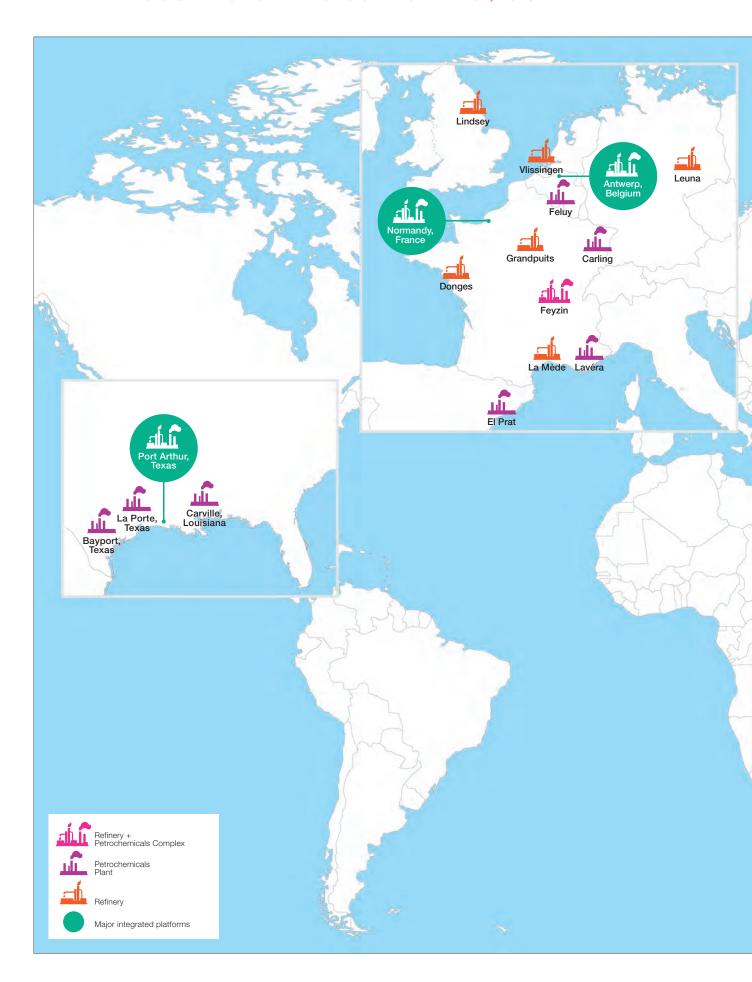
 ⁽¹⁾ Adjusted results are defined as income at replacement cost, excluding non-recurring items, and excluding the impact of fair value changes.
 (2) Including acquisitions and increases in non-current loans.
 (3) Organic investments = net investments, excluding acquisitions, divestments and other operations with non-controlling interests.

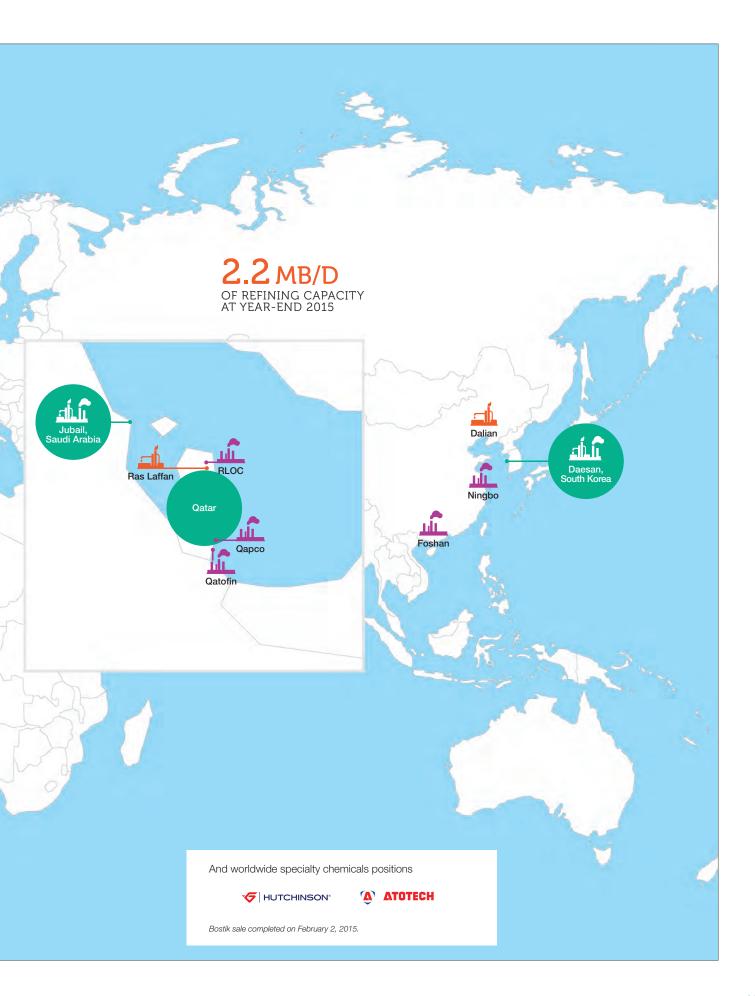
OPERATIONAL HIGHLIGHTS (1)

(in kb/d)	2015	2014	2013	2012	2011
Distillation capacity Group share at year-end ⁽²⁾	2,247	2,187	2,042	2,048	2,096
Refinery throughput	1,938	1,775	1,719	1,786	1,863

⁽¹⁾ Including share of CEPSA until July 31, 2011 and share of TotalErg. Results for refineries in Africa, French Antilles and Italy are reported in the Marketing & Services segment.
(2) Capacity data based on refinery process unit stream-day capacities under normal operating conditions, less the impact of shutdown for regular repair and maintenance activities averaged over an extended period of time.

MAIN REFINING & CHEMICALS PLANTS AS OF DECEMBER 31, 2015













ONGOING PROJECTS PAVING THE WAY TO FUTURE CASH GENERATION

TOTAL's target to reduce European capacity by 20% is expected to be met by end 2016, one year ahead of schedule

Implementing the French refining roadmap presented in 2015

- In La Mède, TOTAL is investing to build the first French bio-refinery to meet the growing demand for biofuel in Europe, while ending crude processing at the end of 2016.
- In Donges, TOTAL is adapting its refinery by building an intermediate feedstock desulfurization unit and an associated hydrogen production plant. The production of lower sulfur content products will enable Total to target more profitable markets.

Rejuvenating the Carling site

- Steam cracker shut down in October 2015.
- New hydrocarbon resin and polypropylene compound production units are being built and are expected to be commissioned in 2016.

Enhancing competitiveness in the United Kingdom

 In the Lindsey refinery, the 5 Mt/y distillation capacity reduction planned for end 2016 and conversion capacity increase will improve the site's profitability. Its competitiveness will also benefit from logistical improvements and the simplification of the refinery organization.

Reinforcing major platforms

Modernizing Refining & Petrochemicals platform in Belgium

- The upgrade of the Antwerp integrated platform launched in 2013 is a key cash generation contributor in the mid-term.
- This project consists of two parts:
 - the construction of new conversion units in response to the shift in demand towards lighter oil products with a very low sulfur content (completion in 2016), and
 - the construction of a new unit to convert part of the combustible gases recovered from the refining process into raw materials for petrochemical units (start up in 2017).

Building on Saudi Arabia operational success

 Jubail refinery, fully operational since mid-2014, has reached its plateau of 400 kb/d capacity in 2015. A 10% capacity creeping project is ongoing to maximize value out of the plant.

REFINERY CAPACITY (GROUP SHARE)

As of December 31, 2015 (kb/d)

Major upgrading plant capacity at 100% (1)

	Total Distillation Capacity	Group Interest	Group Capacity	Cat Crack	Cat Reform	Hydro- Cracking	Resid. Hydro- Treat	Dist. Hydro- Treat	Alky	Isom	Vis	Coker
France												
Normandy, Gonfreville	247	100%	247	_	34	62		205			21	
Provence, La Mède	153	100%	153	35	29	_	_	121	_	_	14	_
Donges	219	100%	219	51	23	_		126	7		26	_
Feyzin	109	100%	109	29	11			72	5		15	_
Grandpuits	101	100%	101	31	14	-		77	4	-	13	
Total France	829		829	146	111	62	-	601	16	-	89	-
Rest of Europe												
United Kingdom,												
Immingham/Lindsey	207	100%	207	50	31			140	7		20	
Netherlands, Vlissingen	148	55%	81	_	26	72		64			-	
Belgium, Antwerp	338	100%	338	95	56		83	253	9		26	
Germany, Leuna	227	100%	227	59	25	-	-	238	10	-	25	-
Italy, Trecate (TotalErg) (2)	131	13%	17	35	-		_	-		_		_
Total rest of Europe	1,051		870	239	138	72	83	695	26	-	71	-
United States												
Texas, Port Arthur												
(Refinery)	174	100%	174	75	38	-	-	241	6	8	-	58
Texas, Port Arthur												
(Condensate Splitter) (3)	60	40%	24	-								
Total United States	234		198	75	38	-	-	241	6	8	-	58
Africa												
Cameroon, Limbe	42	20%	8	-	8	-	-	27	-	-	-	-
Côte d'Ivoire, Abidjan	76	25%	19	-	14	17	-	33	-	-	-	-
Gabon, Port Gentil	24	44%	11	-	2	-	-	6	-	-	8	-
Senegal, Dakar	24	20%	5	-	3	-	-	5	-	-	-	-
South Africa, Sasolburg	105	18%	19	25	18	12	15	44	5	-		-
Total Africa	271		62	25	45	29	15	115	5	-	8	-
Asia & Middle East												
China, Dalian	219	22%	49	55	15	29	41	119	-	-	-	_
Korea, Daesan (4)	158	50%	79	-	-	-	-	-	-	-	-	_
Qatar, Ras Laffan	155	10%	15	-	-		-	132	-		-	
Saudi Arabia Jubail	386	38%	145	31	61	111	_	272	12	-		99
Total Asia	917		288	86	76	140	41	523	12	-	-	99
Worldwide crude distillation	2 202		2 247	571	408	303	139	0 175	65	8	168	157
uisullation	3,302		2,247	5/1	408	303	139	2,175	00	8	108	15/

⁽¹⁾ Cat Crack: Catalytic Cracking; Cat Reform: Catalytic Reforming; Resid Hydrotreat: Residual Hydrotreating; Dist Hydrotreat: Distillate Hydrotreating; Alky: Alkylation; Isom: C5/C6 (1) Cat Crack: Catalytic Cracking; Cat Heform: Catalytic Heforming; Hesio Hydrotreat: Hesioual Hydrotreating; Dist Hydrotreat: Distillate Hydrotreating, Airy, Airy, Airy, Airy, Laterin, Iso Isomerization; Vis: Visbreaker.

(2) In October 2010, TOTAL Italy merged with Erg to create the new company TotalErg – TOTAL holds 49% of TotalErg.

(3) Condensates Splitter held by the joint venture BFLP (40% TOTAL, 60% BASF and TOTAL operator) and included in the refining capacities from 31th December 2015.

(4) Condensates Splitter held by the joint venture HTC (50% TOTAL, 50% Hanwha and HTC operator) and included in the refining capacities from 31th December 2015.

DISTILLATION CAPACITY (GROUP SHARE)(1)

Capacity, throughput and production data include equity share of refineries in which the Group holds a direct or indirect interest:

As of December 31, (kb/d)	2015	2014	2013	2012	2011
France	829	829	829	829	829
Rest of Europe	870	907	907	913	958
United States and French West Indies (2)	198	178	178	178	178
Asia & Middle East ⁽³⁾	288	209	64	64	64
Africa	62	64	64	64	67 (4)
Total	2,247	2,187	2,042	2,048	2,096

⁽¹⁾ Capacity at the end of the year. Includes share of CEPSA until July 31, 2011, and share of TotalErg. Results for refineries in Africa, French Antilles and Italy are reported in the Marketing & Services segment.

(2) Including from December 31, 2015, TOTAL share in BTP Condensate Splitter (40%) in United States.

(3) Including TOTAL share (50%) in HTC Condensate Splitter in Korea from December 31, 2015.

(4) TOTAL share in NATREF adjusted from 36.36% to 18.22%.

REFINERY THROUGHPUT (GROUP SHARE)(1)

Capacity, throughput and production data include equity share of refineries in which the Group holds a direct or indirect interest:

(kb/d)	2015	2014	2013	2012	2011
France	674	639	647	657	732
Rest of Europe	849	794	797	866	885
United States and French West Indies	204	188	178	182	148
Asia & Middle East	157	105	48	33	32
Africa	54	49	50	48	66
Total	1,938	1,775	1,719	1,786	1,863

⁽¹⁾ Includes share of CEPSA until July 31, 2011, and share of TotalErg. Results for refineries in Africa, French Antilles and Italy are reported in the Marketing & Services segment.

UTILIZATION RATE (BASED ON CRUDE AND OTHER FEEDSTOCKS)(1)(2)

(%)	2015	2014	2013	2012	2011
France	81	77	78	82	91
Rest of Europe ⁽³⁾	94	88	87	88	78
Americas	115	106	100	99	81
Asia & Middle East	75	50	75	67	67
Africa	84	77	78	75	80
Average	89	81	84	86	83

⁽¹⁾ Including equity share of refineries in which the Group has a stake.

UTILIZATION RATE (BASED ON CRUDE ONLY)(1)(2)

(%)	2015	2014	2013	2012	2011
Average	86	77	80	82	78

PRODUCTION LEVELS (GROUP SHARE)(1)

The table below sets forth by product category TOTAL's net share of refined quantities produced at the Group's refineries(1).

(kb/d)	2015	2014	2013	2012	2011
LPG	55	51	52	51	50
Motor gasoline	346	344	340	351	350
Avgas, jet fuel and kerosene	172	148	146	153	158
Diesel fuel and heating oils	812	787	739	734	804
Fuel oils	129	134	133	160	179
Lubricants	17	20	18	11	15
Bitumen	31	29	33	30	34
Other products	284	229	219	246	236
Total	1,846	1,742	1,680	1,736	1,826

⁽¹⁾ For refineries not 100% owned by TOTAL the production shown is TOTAL's equity share of the site's overall production.

^{(2) (}Crude + crackers' feedstock)/distillation capacity at the beginning of the year (2014: SATORP refinery's capacity considered as from January 1).

(3) Including CEPSA until end-July 2011 and TotalErg. For CEPSA in 2011: calculation of the utilization rate based on production and capacity prorated on the first seven months of the year.

⁽¹⁾ Including equity share of refineries in which the Group has a stake.
(2) Crude/distillation capacity at the beginning of the year (2014: SATORP refinery's capacity considered as from January 1).

MAIN PETROCHEMICALS PRODUCT GROUPS AND THEIR MAJOR APPLICATIONS

Major applications
Production of polyethylene, vinyl chloride monomer, styrene, functional polymers and copolymers, ethylene
oxide, glycols and vinyl acetate monomer.
Production of polypropylene, acrylic acid, oxo-alcohols, propylene oxide, glycols, cumene and acrylonitrile.
Production of rubber, polybutadiene, elastomers, latex and ABS.
Production of styrene, cyclohexane, chlorobenzenes, cumene, aniline, alkylbenzenes and maleic anhydride.
Production of polystyrene, expanded polystyrene, ABS, emulsions, resins, latex and rubbers.
Production of chemical intermediates and solvents.
Production of phthalic anhydride, terephthalic acid (PTA) and solvents.
Flexible and rigid packaging, cables, pipes and tubes, molded bottles, fuel tanks artificial grass and caps
and closures.
Flexible and rigid packaging, containers, automotive parts, household and sanitary goods, fibers, medical,
pipes and caps and closures.
Food packaging, refrigeration appliances, insulation boards and television sets.

MAIN PRODUCTION CAPACITIES AT YEAR-END(1)

				2015	2014	2013	2012	2011	
(in thousands of tons)	Europe	North America	Asia and Middle East ⁽²⁾	World	World	World	World	World	
Olefins (3)	4,384	1,525	1,525	7,433	7,791	7,654	8,039	7,097	
Aromatics (4)	2,903	1,512	2,368	6,783	6,773	5,635	5,795	5,730	
Polyethylene	1,120	445	773	2,338	2,338	2,289	2,239	2,094	
Polypropylene	1,350	1,200	400	2,950	2,950	2,895	2,875	2,835	
Polystyrene	637	700	408	1,745	1,805	1,530	1,595	1,555	
Others (5)	-	-	63	63	63	63	358	358	
Total	10,394	5,382	5,536	21,312	21,720	20,065	20,900	19,668	

SALES BY GEOGRAPHIC AREA - PETROCHEMICALS PRODUCTS(1)

(%)	2015	2014	2013	2012	2011
France	13%	15%	18%	21%	24%
Rest of Europe	41%	39%	40%	45%	44%
North America	34%	33%	28%	22%	20%
Rest of world	12%	13%	14%	12%	12%
Total 100%		100%	100%	100%	100%

⁽¹⁾ Excluding inter-segment sales and sales by equity affiliates and including fertilizers sales.

Excluding inter-segment sales.
 Including interests in Qatar, 50% of Hanwha Total Petrochemicals Co. Ltd and 37.5% of SATORP in Saudi Arabia.
 Ethylene + Propylene + Butadiene.
 Including monomer styrene.
 Mainly Monoethylene Glycol (MEG) and Cyclohexane.

MAIN SPECIALTY CHEMICALS PRODUCT GROUPS AND THEIR MAJOR APPLICATIONS

Main product groups	Major applications
Elastomer processing	Elastomer parts for the automotive, transportation and aerospace industries: transmission systems, antivibration systems, fluid transfer parts, body sealings, precision sealing (Hutchinson).
Adhesives	Adhesives and sealants for construction, packaging, transportation, hygiene and assembly markets (Bostik) ⁽¹⁾ .
Electroplating	General metal finishing, electronics materials and semiconductors, green technologies chemistry and systems (Atotech).

⁽¹⁾ Bostik sale to Arkema completed on February 2, 2015.

SALES BY ACTIVITY - SPECIALTY CHEMICALS PRODUCTS

(in million dollars)	2015	2014	2013	2012	2011
Hutchinson	4,256	4,599	4,351	4,066	4,161
Bostik ⁽¹⁾	155	2,043	1,999	1,990	1,989
Atotech	1,093	1,261	1,175	1,240	1,243

⁽¹⁾ Bostik sale to Arkema completed on February 2, 2015.

SALES BY GEOGRAPHIC AREA - SPECIALTY CHEMICALS PRODUCTS(1)(2)

(%)	2015	2014	2013	2012	2011
France	14%	14%	15%	16%	15%
Rest of Europe	35%	35%	34%	33%	33%
North America	26%	24%	24%	24%	28%
Rest of world	25%	27%	27%	27%	24%
Total 100%		100%	100%	100%	100%

SALES BY ACTIVITY- SPECIALTY CHEMICALS PRODUCTS(1)

(%)	2015	2014	2013	2012	2011
Elastomer processing	77%	58%	58%	56%	44%
Resins (2)	-	-	-	-	22%
Adhesives (3)	3%	26%	27%	27%	21%
Electroplating	20%	16%	16%	17%	13%
Total	100%	100%	100%	100%	100%

Excluding inter-segment sales.
 The Cray Valley coating resins and Sartomer photocure resins businesses were divested in July 2011. The structural and hydrocarbon resins business lines were kept and have been incorporated into the Petrochemicals division as of January 1, 2012.

Excluding inter-segment sales.
 The Cray Valley coating resins and Sartomer photocure resins businesses were divested in July 2011. The structural and hydrocarbon resins business lines were kept and have been incorporated into the Petrochemicals division as of January 1, 2012.
 Bostik sale to Arkema completed on February 2, 2015.



service-stations

adjusted net operating income

of refined products sales (5) employees

(2) Organic investments = net investments, excluding acquisitions, dive

(3) PFC Energy and Company data 2014.

(4) Including via national distributors.
(5) Excluding trading and refinery bulk sales, including share of TotalErg.

2016 OUTLOOK

The Marketing & Services segment comprises...

Marketing & Services

The Marketing & Services (M&S) business segment is dedicated to the development of TOTAL's oil products distribution activities and related services throughout the world. M&S conveys TOTAL's brand image to its customers, both private and professional, through a large retail network and the distribution of a wide range of products from its refineries and other facilities. TOTAL is among the key players in the specialty products market, in particular for lubricants, LPG, jet fuel, special fluids, bitumen and marine fuels. TOTAL also offers numerous services for consumers and professionals in the mobility, residential and industrial sectors.

New Energies

TOTAL focuses on two main development axes: solar energy, a high-growth market in which the Group is positioned among the leaders through SunPower (1) and the transformation of biomass through biotechnology which aims to develop new biosourced product solutions for transportation and chemicals.

In addition, TOTAL actively follows developments in other renewable energies.



while maintaining high profitability

Expanding

retail network: +6% growth in 2014-2015

Developing

high return lubricants worldwide: +3% growth in 2014-2015

Consolidating

positions in Europe and growing in Africa and the Middle East

Becoming

the partner of choice

Innovating

in products and services

Investing

500 M\$ in New Energies



(1) Listed on Nasdac

FINANCIAL HIGHLIGHTS

(in million dollars)	2015	2014	2013	2012	2011
Adjusted operating income ⁽¹⁾	2,098	1,709	2,152	1,740	1,671
Adjusted net operating income (1)	1,699	1,254	1,554	1,069	1,147
Gross investments (2)	1,841	1,818	1,814	1,671	2,553
Organic investments (3)	1,569	1,424	1,579	1,507	1,239
Divestments	856	163	186	196	2,721
Cash flow from operations	2,323	2,721	2,557	1,456	753

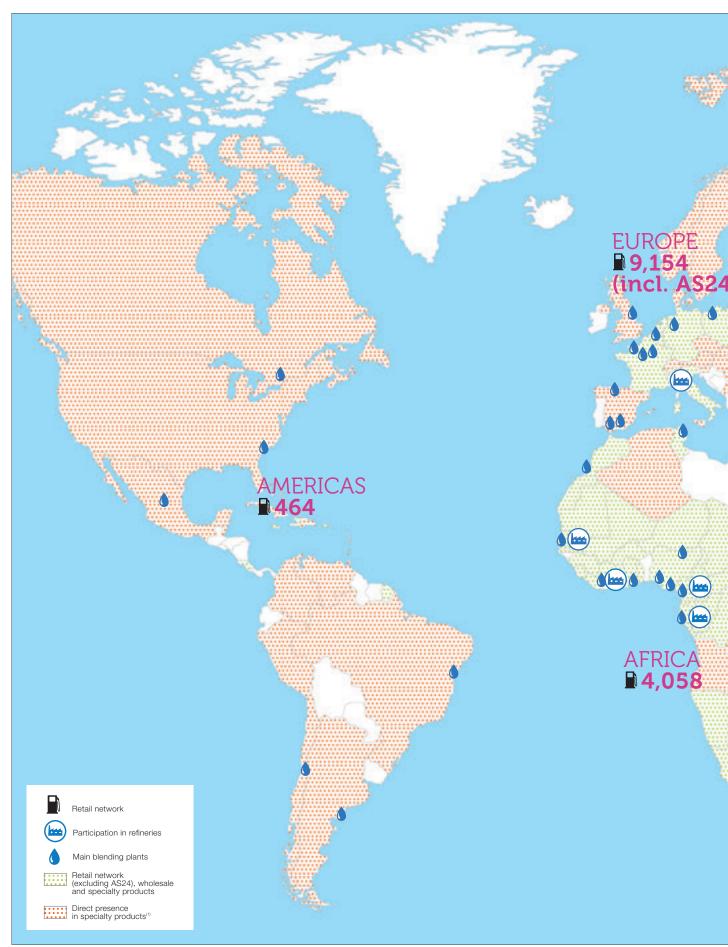
 ⁽¹⁾ Adjusted results are defined as income at replacement cost, excluding non-recurring items, and excluding the impact of fair value changes.
 (2) Including acquisitions and increases in non current loans.
 (3) Organic investments = net investments, excluding acquisitions, divestments and other operations with non-controlling interests.

OPERATIONAL HIGHLIGHTS

(in kb/d)	2015	2014	2013	2012	2011
Refined product sales excluding Trading and bulk sales	1,818	1,769	1,749	1,710	1,987
Trading sales (1)	1,538	1,385	1,155	1,161	1,215
Bulk sales ⁽²⁾	649	615	617	690	437
Refined product sales including Trading and bulk sales	4,005	3,769	3,521	3,561	3,639

⁽¹⁾ Results of Trading and bulk sales are reported in the Refining & Chemicals segment.
(2) Data for UK procurement/exchange reprocessed for 2012 and 2013.

MARKETING & SERVICES POSITIONS AS OF DECEMBER 31, 2015



(1) Lubricants - LPG - jet fuel - special fluids - bitumen - heavy fuels - marine fuels - additives and special fuels.







MARKETING & SERVICES

Expanding highly profitable business in growth-driven regions

Expanding our retail network

M&S has a large footprint in retail with presence in 65 countries (7 in Europe, 43 in Africa and the Middle East, 6 in the Americas and 9 in Asia) and achieved network growth of 6% in 2015. In Africa, TOTAL is the number one retail player with an average retail market share of 18% in 2015. Its network is also one of the largest in Western Europe with presence in key markets (France, Germany, Benelux, Italy).

M&S continues to develop its retail activities through:

- Organic growth. In Europe, M&S has increased its average market share by 3% in France since Total Access, a lowprice/high quality fuel concept, was launched, and gained 1% market share in Germany in the last two years.
- Bolt-on acquisitions. M&S has secured significant assets in dynamic regions: the acquisition of the Chevron retail network in Pakistan was finalized in 2015, adding around 500 stations to an existing retail network of nearly 300 sites. In the Caribbean, M&S acquired a 70% stake in the leading fuel retailer in the Dominican Republic in 2016, strengthening its footprint in the region.
- A modern and attractive new concept of service stations.
 A new image, alongside a range of services selected for drivers' convenience, such as food, shops, and car washing facilities, enable the service station to provide a pleasant experience to customers. Available in 42 countries, Total's mobile application allows customers to stay connected with Total.
- High quality innovative and alternative fuels. The new Total Excellium, which enhances vehicles' performance by protecting engines from grime and deposits, was launched in 2015.
 Preparing for evolving trends in consumption, Total is already testing gas, electricity and hydrogen as transport fuels in a selection of countries.

Lubricants: a global and profitable business

Lubricant sales grew by 3% in 2015. TOTAL aims to continue outpacing market growth.

- Lubricant demand is expected to be driven by the Asia-Pacific region. Total's new blending plant in Singapore, inaugurated in 2015, is well set to capture this growing demand. With a capacity of 310 kt per year, the plant is Total's largest.
- TOTAL continues to create new partnerships to leverage its lubricants brand. In 2015, Total Lubricants signed a new after-market partnership with Tata Motors to supply high performance lubricants across Tata Motors sales & service points in the global market.
- Through its efforts in R&D, TOTAL is able to provide quality lubricants to its customers, including fuel economy engine oils and biodegradable oils.

Expanding specialties worldwide

With the ambition to become the partner of choice and proximity for its clients, Total invests in its production tools and develops new offers and services:

- TOTAL has selectively strengthened its position in LPG through acquisitions in Tunisia, South Africa and Vietnam, where Total has become the second largest LPG player in the market.
- TOTAL has started up a special fluid production plant near Houston, USA, in early 2016.
- Through the introduction of an online portal for professionals to buy their bitumen at fixed prices in France, Total is helping its clients control their expenses in case of sudden changes in price.

PETROLEUM PRODUCT SALES (EXCLUDING TRADING AND BULK SALES)

By geographic area

By geographic area					
(kb/d)	2015	2014	2013	2012	2011
Europe					
France	541	547	575	566	574
United Kingdom	27	26	27	26	115
Benelux	214	214	211	226	231
Germany	192	195	205	207	214
Italy ⁽¹⁾	81	76	77	89	95
Spain (2)	1	1	1	1	163
Portugal (2)	-	-		-	9
Rest of Europe	36	41	43	45	54
Total Europe	1,092	1,100	1,139	1,160	1,455
Africa					
Northern Africa	118	108	56	56	56
Western Africa	85	82	78	76	70
Eastern Africa	89	72	69	56	53
Southern Africa	87	73	69	66	69
Central Africa	31	30	33	32	32
Other ⁽³⁾	13	15	21	21	24
Total Africa	423	380	326	307	304
Americas					
United States	28	29	37	3	3
Caribbean Islands	35	42	41	42	45
Latin America	7	7	8	8	8
Total Americas	70	78	86	53	56
Middle East					
Jordan, Lebanon, Turkey and others	85	77	54	55	51
Total Middle East	85	77	54	55	51
Asia-Pacific					
East Asia	124	107	118	108	93
Pacific	9	12	10	10	10
Indian Ocean islands	15	15	17	17	18
Total Asia-Pacific	148	134	144	135	121
Total Worldwide	1,818	1,769	1,749	1,710	1,987

⁽¹⁾ From October 1, 2010, TOTAL Italy merged with Erg to create TotalErg – TOTAL holds 49% of TotalErg.
(2) On July 31, 2011, TOTAL sold its 48.83% share in CEPSA.
(3) Represents supply to African non consolidated group companies and third parties.

By main products(1)

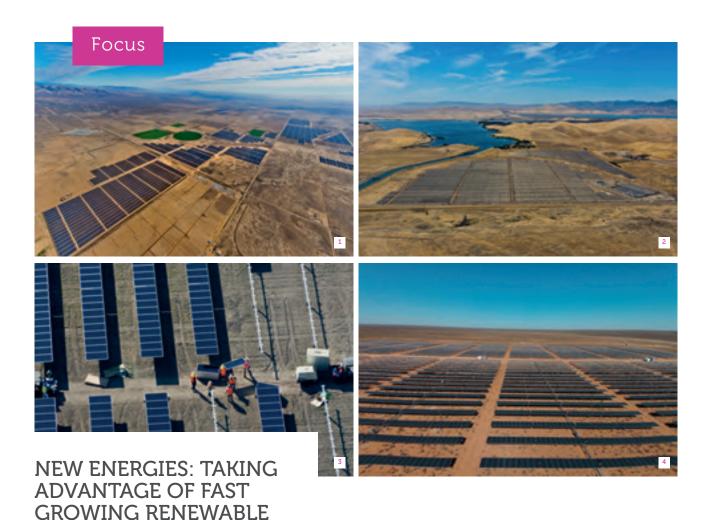
by main products ⁽¹⁾					
(kb/d)	2015	2014	2013	2012	2011
LPG (2)	70	86	88	91	103
Motor gasoline	332	312	277	275	327
Avgas and jet fuel	243	228	246	215	238
Diesel fuel and heating oils	1,018	995	980	956	1,050
Fuel oils	42	39	45	65	121
Lubricants and base oil	39	37	37	38	40
Solvents	14	15	15	15	24
Bitumen	45	40	45	43	57
Other products	15	17	16	12	27
Total	1,818	1,769	1,749	1,710	1,987

⁽¹⁾ Including TOTAL's share in CEPSA until July 31, 2011 and in TotalErg since October 1, 2010. (2) Sale of Totalgaz since May 29, 2015.

SERVICE-STATIONS(1)

As of December 31,	2015	2014	2013	2012	2011
Europe		_			
France	3,667	3,727	3,813	3,911	4,046
Benelux	928	922	923	931	929
Germany	1,178	1,157	1,122	1,108	1,091
Italy ⁽¹⁾	2,608	2,749	3,017	3,161	3,355
Poland	10	2			
AS24 Stations	763	740	731	700	615
Total Europe	9,154	9,297	9,606	9,811	10,036
Africa					
Northern Africa	673	653	585	490	470
Western Africa	1,509	1,502	1,379	1,336	1,293
Eastern Africa	882	866	845	841	836
Southern Africa	592	587	578	588	528
Central Africa	402	383	339	346	337
Total Africa	4,058	3,991	3,726	3,601	3,464
Americas					
Caribbean Islands	464	452	438	415	410
Total Americas	464	452	438	415	410
Middle East					
Jordan, Lebanon, Turkey	816	796	770	637	613
Total Middle East	816	796	770	637	613
Asia-Pacific		_			_
East Asia	1,276	734	716	669	618
Pacific	96	91	90	88	86
Indian Ocean islands	159	208	205	204	207
Total Asia-Pacific	1,531	1,033	1,011	961	911
Total excluding AS24	15,257	14,829	14,820	14,725	14,819
Total Worldwide	16,023	15,569	15,551	15,425	15,434

 $^{(1)\ \ \}text{Including TotalErg service-stations.}\ \ \text{From October 1, 2010, TOTAL Italy merged with Erg to create TotalErg.}$



Total is investing for the long term in New Energies (Solar and Biofuels) because it believes in their future profitability. Therefore, the Group allocates around \$500 million of capital expenditures per year to high-tech, high-quality platforms for growth.

ENERGY MARKET

Solar: Worldwide Projects with our affiliate SunPower

More than 60 gigawatts have been deployed worldwide by the solar photovoltaic industry in 2015. The global solar market is growing fast at more than 10% per year and the cost of photovoltaic solar continues to come down. In this environment, Total's solar affiliate SunPower takes advantage of Total's international footprint to develop new projects, providing governments, utilities, businesses and residential customers around the globe with complete high-efficiency competitive solar solutions.

The U.S.: A Strong Presence

June 2015: SunPower completed construction of the 579 MWac Solar Star Project 1, the world's largest photovoltaic solar power plant, in Rosamond, California. SunPower designed and built the facility, and now provides operations and maintenance services. Solar Star supplies enough electricity to power nearly 255,000 Californian homes. SunPower also completed the construction of Quinto 2, a 110 MWac solar farm and began building Henrietta 3 (102 MWac), both in California.

South Africa: Solar power plant under construction

April 2015: Total and SunPower began building Prieska 4, a 75 MWac solar power plant located in South Africa's Northern Cape province. The plant is expected to be operational by mid-2016 and will power approximately 75,000 homes. This project was selected by South Africa's Department of Energy, as part of the third round of tenders for renewable energy generation facilities.

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