

## UPSTREAM



## CHEMICALS



## DOWNSTREAM



**TOTAL**



# SUMMARY

<b>Profile</b>	<b>1</b>
<b>Highlights</b>	<b>2</b>
<b>Corporate social responsibility</b>	<b>6</b>
<b>Corporate</b>	<b>9</b>
<i>Including:</i>	
Financial highlights	10
Operational highlights	11
Market environment	11
Financial highlights by quarter	12
Operational highlights by quarter	16
Market environment and price realizations	16
Consolidated statement of income	18
Income taxes	23
Consolidated balance sheet	24
Non-current debt analysis	27
Consolidated statement of changes in shareholders' equity	28
Net-debt-to-equity ratio	30
ROACE by business segment	31
Cash flows from operating activities by business segment	34
Capital expenditures by business segment	35
Share information	37
<b>Upstream</b>	<b>39</b>
<i>Including:</i>	
Combined liquids and gas production	43
Changes in oil, bitumen and gas reserves	46
Costs incurred in oil and gas property acquisition, exploration and development activities	58
Standardized measure of discounted future net cash flows	60
LNG positions as of April 1, 2010	67
Re-gasification terminals as of April 1, 2010	68
Interests in pipelines	71
<b>Acreage</b>	<b>73</b>
<i>Including maps, main producing assets and acreage by region:</i>	
Europe	73
Africa	79
Commonwealth of Independent States	86
Middle East	89
Asia-Pacific	94
South America	98
North America	102
<b>Downstream</b>	<b>105</b>
<i>Including:</i>	
Refineries capacity	110
Petroleum product sales (excluding trading sales)	113
Balancing and export sales (trading sales)	113
Retail gasoline outlets	115
<b>Chemicals</b>	<b>117</b>
<i>Including:</i>	
Base Chemicals (Highlights - Sales by geographic area)	122
Specialties (Highlights - Sales by geographic area and by activity)	124

## Need more information on a specific subject?

Log on to  [www.total.com](http://www.total.com)

### Heading Investor Relations/ Publications

you can display online TOTAL's factbook, download it in pdf or collect all the tables from 1998 to 2009 in Excel format.



**Factbook 1998-2009** HIGHLIGHTS 59 THE YEARS 2009-2010

CSR CORPORATE UPSTREAM ACREAGE DOWNSTREAM CHEMICALS

**TOTAL, a global energy group**  
As the 10th largest publicly-traded integrated oil and gas company in the world and a major actor in the chemicals business, TOTAL has operations in more than 130 countries on five continents with approximately 97,000 employees. To meet growing energy needs on a long-term basis, TOTAL's strategy involves deploying a nation-wide growth model combining the sustainability of its activities with a sustained, profitable investment program.

**Our ambitions:**  
- expanding hydrocarbon exploration and production activities throughout the world, and strengthening our position as one of the global leaders in the natural gas and LNG markets;  
- progressively expanding TOTAL's energy offerings and developing complementary next generation energy activities (solar, biomass, nuclear).

**INVESTOR RELATIONS**

- Paris  
2, place Jean Miller  
La Defense 6  
92076 Paris La Defense cedex  
France  
Phone: 33 (0)1 47 44 10 50  
Fax: 33 (0)1 47 44 10 24  
investor.relations@total.com
- North America  
TOTAL American Services, Inc.  
1301 Louisiana Street,  
Suite 1900 - Houston, TX 77002  
United States  
Phone: +1 713 483 5070  
Fax: +1 713 483 5029  
ira@total.com

**TOTAL S.A.**  
Phone: +33 (0)1 47 44 45 46  
Share Capital as of  
December 31, 2009:  
5,871,007,270 euros  
S42 001 190 FLIS Normes  
www.total.com

**DOWNLOAD ALL THE TABLES TO EXCEL**

## ABBREVIATIONS

b:	barrel
cf:	cubic feet
/d:	per day
/y:	per year
€:	euro
\$ and/or dollar:	US dollar
t:	metric ton
boe:	barrel of oil equivalent
kboe/d:	thousand boe/d
kb/d:	thousand barrel/d
Btu:	British thermal unit
M:	million
B:	billion
MW:	megawatt
MWp:	megawatt peak
tWh:	terawatt hour
ERMI:	European Refining Margin Indicator. Refining margin indicator after variable costs for a theoretical complex refinery located around Rotterdam in Northern Europe that processes a mix of crude oil and other inputs commonly supplied to this region to produce and market the main refined products at prevailing prices in this region.
IFRS:	International Financial Reporting Standards
API:	American Petroleum Institute
LNG:	liquefied natural gas
LPG:	liquefied petroleum gas
ROE:	Return on Equity
ROACE:	return on average capital employed

## CONVERSION TABLE

1 boe =	1 barrel of crude oil
	= approx. 5,490 cf of gas* in 2009
1 b/d =	approx. 50 t/y
1 t =	approx. 7.5 b (for a gravity of 37° API)
1 Bm <sup>3</sup> /y =	approx. 0.1 Bcf/d
1 m <sup>3</sup> =	approx. 35.3 cf
1 t of LNG =	approx. 8.9 boe
	= approx. 48 kcf of gas
1 Mt/y of LNG =	approx. 131 Mcf/d

\* This ratio is based on the actual average equivalent energy content of TOTAL's natural gas reserves and is subject to change.



## TOTAL, A GLOBAL ENERGY GROUP

As the fifth largest publicly-traded integrated oil and gas company in the world and a major actor in the chemicals business, TOTAL has operations in more than 130 countries on five continents with approximately 97,000 employees. To meet growing energy needs on a long-term basis, TOTAL's strategy involves deploying a sustainable growth model combining the acceptability of its activities with a sustained, profitable investment program.

## OUR AMBITIONS

- Expanding hydrocarbon exploration and production activities throughout the world, and strengthening our position as one of the global leaders in the natural gas and LNG markets.
- Progressively expanding TOTAL's energy offerings and developing complementary next generation energy activities (solar, biomass, nuclear).
- Adapting our refining system to market changes and, in the marketing business, consolidating our position in Europe, while pursuing our targeted developments in Africa and Asia-Pacific.
- Developing our chemicals activities, particularly in Asia and the Middle East, while improving the competitiveness of our operations in mature areas.
- Pursuing active research and development to develop "clean" sources of energy, contributing to the moderation of the demand for energy, and combating climate change.

## 2009 AT A GLANCE

**Strong performance and upgrading the diversity of the portfolio in 2009**

### STARTED UP FIVE MAJOR UPSTREAM PROJECTS

- Akpo
- Tahiti
- Tombua Landana
- Qatargas 2 T5
- Yemen LNG

### SUSTAINABLE DEVELOPMENT INTEGRATED IN STRATEGY

- CCS pilot in Lacq
- Solar in Abu Dhabi

### 2009 MAIN RESULTS <sup>(1)</sup>

- ▲ Adjusted net income **10.9 B\$, -47%**
- ▲ Segment ROACE **13%**
- ▲ Return on equity **16%**
- ▲ Investments<sup>(2)</sup> **17.8 B\$**
- ▲ Dividend at **2.28 €/share**, a **9%** increase in dollars<sup>(3)</sup>
- ▲ Gearing at year end **26.6%**

### PROGRESSIVE TRANSFORMATION OF DOWNSTREAM/CHEMICALS

- Jubail
- Qatofin
- Refining and Petrochemicals restructuring in Europe

### SIGNIFICANT ADDITIONS TO THE NORTH AMERICAN PORTFOLIO

- Surmont
- Chesapeake
- Cobalt



► **Continue to create value through discipline and operational excellence**

(1) Change compared to 2008.

(2) Net investments, excluding sales of Sanofi-Aventis shares.

(3) 2009 dividend pending approval at the May 21, 2010 Annual Shareholders Meeting, based on 1€ = \$1.40 on the payment date for the remainder of the dividend.

# HIGHLIGHTS



## Highlights of the year 2009

### JANUARY

■ **United States / E&P** – TOTAL acquired a 50% interest in American Shale Oil, LLC (AMSO), a subsidiary of IDT Corporation. Under the terms of the agreement, TOTAL and IDT will jointly develop a research and demonstration project to produce and commercialize oil shale from AMSO's federal leasehold in western Colorado.

■ **France / Chemicals** – TOTAL announced the start-up of a revamped world-class styrene unit at its Normandy petrochemicals facility near Le Havre, France. With capacity expanded by 210,000 metric tons per year, the 600,000 metric tons per year unit will be one of the largest in Europe, delivering superior performance, especially in terms of energy efficiency.

### FEBRUARY

■ **France / R&M** – TOTAL announced that it will sell its minority 40% interest in Société de la Raffinerie de Dunkerque (SRD) to Colas. SRD owns a specialty product refinery producing bitumen and base oils. Its majority shareholder is ExxonMobil.

■ **Libya / E&P** – TOTAL signed a Memorandum of Understanding with Libya's National Oil Corporation (NOC, operator) renewing the EPSA contracts for Blocks C17 (NOC: 50%, TOTAL: 37.5%, Statoil: 12.5%) and C137 (NOC: 50%, TOTAL: 37.5%, Wintershall: 12.5%), respectively located in the onshore Sirte Basin and the offshore Sabratha Basin, approximately 100 kilometers from the Libyan coast.



■ **Japan / LNG** – TOTAL, PT Pertamina (Persero) and INPEX Corporation signed a Heads of Agreement with a consortium of liquefied natural gas (LNG) buyers in Japan, setting out the principal terms for an extension of LNG sales contracts. Under

these extensions, a total of 25 million metric tons of LNG will be delivered to Japan between 2011 and 2020, from the Bontang LNG plant in East Kalimantan, Indonesia.

■ **Azerbaijan / E&P** – TOTAL (60%, operator) signed an exploration, development and production sharing agreement with Azerbaijan's state-owned SOCAR (40%) covering a license on the Absheron offshore block. The block is located in the Caspian Sea, 100 kilometers from Baku, in a water depth of approximately 500 meters.

### MARCH



■ **Nigeria / E&P** – TOTAL announced that its subsidiary Total Upstream Nigeria Limited, operator of OML 130, brought the Akpo deep-offshore field on stream earlier than anticipated. With proved and probable reserves estimated at 620 million barrels of condensates and more than 1 trillion cubic feet of gas, Akpo is one of the largest deep offshore projects ever undertaken in Nigeria and was the largest brought on stream in 2009 by TOTAL.

■ **France / Refining and Chemicals** – TOTAL announced plans to invest more than 1 billion dollars to adapt and consolidate its refining and petrochemicals operations in France.

■ **France / G&P** – TOTAL and GDF SUEZ considered a new investment in solar energy, with plans to build a plant at the De Vernejoul industrial site in eastern France to manufacture silicon wafers for the photovoltaic industry. The initial investment is estimated at approximately 70 million euros and could create 80 to 100 jobs.

■ **Vietnam / E&P** – TOTAL (75%, operator) signed a production sharing contract with Vietnam Oil and Gas Group (PetroVietnam, 25%) for onshore Blocks DBSCL-02 and DBSCL-03, located in the Mekong Delta area.

### APRIL

■ **United Arab Emirates / E&P** – TOTAL announced that it signed agreements for a 20-year extension of its 15% participation in Abu Dhabi Gas Industries Limited Company, alongside the Abu Dhabi National Oil Company (ADNOC, 68%), Shell (15%) and Partex (2%).

■ **Australia / LNG** – TOTAL announced that the joint venture holding the Australian exploration permit WA-285-P (TOTAL 24%, INPEX 76% operator) decided to launch the Front End Engineering and Design (FEED) for the development of the Ichthys field, located in the Browse Basin, approximately 200 kilometers offshore northwest Australia. With proved and probable reserves estimated to be around 530 million barrels of condensates and 12.8 trillion cubic feet of natural gas, Ichthys is one of the largest discoveries in Australia, and will be the first major gas development in the Browse Basin Region.

■ **France / CSR** – TOTAL announced the creation of a community development fund to help young people. The total endowment will be €50 million, starting with a donation of €25 million that will be increased by €5 million a year over five years. It will cover funding for driver education for 10,000 young people in apprenticeships; keeping students in school by supporting them and their families through a "helping hand" program; and helping young entrepreneurs to start-up their own businesses.

### MAY

■ **France / G&P** – GDF SUEZ granted a 33.33% block of shares plus one share in the company formed to build and operate the EPR in Penly. GDF SUEZ and TOTAL agreed on a partnership agreement with respective stakes of 75% and 25% to jointly own this stake. For TOTAL, this will be the first nuclear project the Group is involved in. EDF will hold the majority of the capital.

■ **United States / E&P** – TOTAL announced that the Tahiti field located in the Gulf of Mexico started production on May 5, 2009. This deepwater field, operated by Chevron, in which TOTAL owns a 17% interest along with Statoil, is one of the largest fields in the Gulf of Mexico. Tahiti field is expected to reach a production plateau of approximately 125,000 barrels of crude oil per day and

70 million cubic feet of natural gas per day before the end of the year and will contribute more than 20,000 barrels of oil equivalent per day to TOTAL's production in the United States.

**Republic of Congo / E&P** – TOTAL announced positive results for the Moho Nord Marine-4 well, approximately 75 kilometers offshore of the Republic of Congo, in a water depth of 1,078 meters in the northern part of the Moho-Bilondo license. Total E&P Congo holds a 53.5% interest in the license, alongside Chevron Overseas Congo Ltd. (31.5%) and Société Nationale des Pétroles du Congo (15%).

**United Kingdom / LNG** – TOTAL announced the inauguration of the South Hook LNG re-gasification terminal, the largest in Europe, located in Milford Haven, UK, Wales. The South Hook Terminal is owned and operated by South Hook LNG, a company formed through the joint venture of Qatar Petroleum (67.5%), ExxonMobil (24.15%) and TOTAL (8.35%). With a capacity of 15.6 million tons per year, the South Hook Terminal, will receive LNG from the Qatargas 2 Project in Qatar.



**Egypt / E&P** – TOTAL announced that, within the framework of the EGAS 2008 international bid round organized by the Egyptian authorities, it had been awarded a 90% participation in and the operatorship of Block 4 (East El Burullus Offshore) in conjunction with partner ENEL (10%). This block is located in the Mediterranean Sea, in the Nile Basin, and covers an area of 2,516 square kilometers, and is situated approximately 70 kilometers from the coast in water depths varying from 100 to 1,600 meters.

## JUNE

**Colombia / E&P** – TOTAL announced the discovery of a significant gas condensates field in the Niscota block of the Andes foothills, 300 kilometers northeast of

Bogota, Colombia. TOTAL owns a 50% interest in the block, alongside partners Talisman Energy Inc. (30%) and Hocol (operator, 20%).

**Norway / E&P** – TOTAL announced that following the twentieth licensing round organized by the Ministry of Petroleum and Energy in Norway, its affiliate, Total E&P Norge AS, had been awarded a 40% interest and operatorship in the production license PL 535 in the Barents Sea.

**Saudi Arabia / R&M** – Saudi Aramco TOTAL Refining and Petrochemical Company (SATORP) finalized the awarding plan for Engineering, Procurement and Construction (EPC) contracts that constitute the thirteen different process packages of their Jubail joint venture refinery. The awarding of these contracts marks an important step in the execution of this 400,000 barrel per day world-class, full-conversion refinery in Jubail, Saudi Arabia, which plans to be fully operational by the second half of 2013.

**Russia / E&P** – TOTAL announced that it signed Heads of Agreement with Novatek to acquire a 49% interest in their wholly-owned subsidiary, Terneftegas. Novatek will keep the remaining 51% interest. Terneftegas holds a license to develop and produce gas and condensates in the onshore Termokarstovoye field. The field has a potential of more than 47.3 billion cubic feet of gas and about 10.3 million tons of condensates. Novatek and TOTAL will carry out additional appraisal and development studies on the Termokarstovoye field with the objective to launch the project in 2011.

## JULY

**Norway / E&P** – TOTAL announced that the Tyrihans oil and gas field in the Norwegian Sea started production. This field, in which TOTAL owns a 23.18% interest, is the largest field to be brought on stream in Norway in 2009. Development drilling operations will continue over the next two years. TOTAL's share of production is expected to average around 25,000 barrels of oil equivalent per day over the next decade. Located southeast of the Åsgard field in the Norwegian Sea, in about 270 meters water depth, Tyrihans is a complete sub-sea development tied into existing facilities and infrastructure of the Åsgard and Kristin fields on Haltenbanken.

**Cameroon / E&P** – TOTAL announced that its 75.8% owned affiliate, TOTAL Exploration & Production Cameroon, was awarded by the Ministry of Industry, Mining and Technological Development of Cameroon the Lungahe exploration block in the offshore Rio del Rey basin. Total Exploration & Production Cameroon will operate this block with a 100% participation stake.



## SEPTEMBER

**Qatar / LNG** – TOTAL announced that Train 5 of the Qatargas 2 project started producing liquefied natural gas (LNG). Train 5, in which TOTAL holds a 16.7% interest alongside the state-owned company Qatar Petroleum (65%) and ExxonMobil (18.3%), is one of the two trains that comprise the Qatargas 2 project and has a production capacity of 7.8 million tons per year (Mt/y). This project is the first integrated LNG project in the world as it also comprises the South Hook re-gasification terminal, located in Milford Haven, South Wales (United Kingdom), in which TOTAL holds an 8.35% interest.

**United Kingdom / E&P** – TOTAL announced that its affiliate, Total E&P UK Limited (Total E&P UK), entered into agreements with Mobil North Sea LLC, Marathon Oil U.K., Ltd. and Anadarko North Sea Holding Company Limited to acquire a 43.75% stake in UK Licence No. P967, which includes the Tobermory discovery. Total E&P UK will become the operator of the licence. The Tobermory gas reservoir was discovered in 1999 by well 214/4-1. It is located in 1,600 meters of water depth and situated 175 kilometers northwest of the Shetland Islands.

**Angola / E&P** – TOTAL announced that the Tombua and Landana fields located 80 kilometers offshore Angola, operated by Chevron and in which TOTAL owns a 20% interest, started crude oil production.



# HIGHLIGHTS



The two fields located in Block 14 are expected to achieve peak production of 100,000 barrels per day in 2011. Recoverable resources for the two fields are estimated at 350 million barrels.

**France / G&P** – TOTAL and GDF SUEZ and their common solar cell manufacturing subsidiary Photovoltech joined the IMEC industrial affiliation program on next generation crystalline silicon solar cell technology. The multi-partner R&D program concentrates on sharply reducing the silicon use, while at the same time increasing the efficiency of solar cells. This will substantially lower the cost for solar energy.



**Thailand / E&P** – TOTAL and the partners of the Bongkot Joint Venture announced that a Gas Sales Agreement was signed with PTT covering all gas production from the Greater Bongkot South (GBS) field in the Gulf of Thailand. The Joint Venture is operated by PTTEP (44.45%), alongside partners TOTAL (33.33%) and BG Group (22.22%). With all the construction contracts for the GBS development being awarded, GBS first production is expected in 2012. At plateau, GBS will contribute 20,000 barrels of oil equivalent per day to TOTAL's production, an increase of approximately 50% to the Group's production in Thailand.

**France / G&P** – TOTAL and Laboratoire de Physique des Interfaces et des Couches Minces, a joint R&D research team between the French National Center for Scientific Research (CNRS) and France's Ecole Polytechnique engineering school, announced the creation of a joint research team focusing on thin film technologies for photovoltaic solar applications.

## OCTOBER

**Kazakhstan / E&P** – TOTAL announced the signature of a Heads of Agreement (HOA) establishing the principles of a partnership with KazMunaiGas (KMG) for the development of the Khvalynskoye field,

located offshore in the Caspian Sea on the border between Kazakhstan and Russia. Khvalynskoye is a conventional gas condensates field located in water depths of 25 meters which will be developed by Lukoil (50%, operator). Under the terms of the HOA, TOTAL and GDF SUEZ will acquire a participation of 25% (TOTAL 17%, GDF SUEZ 8%) from the initial 50% stake held by KMG.

**Algeria / E&P** – TOTAL (37.75%), Sonatrach (51%) and Cepsa (11.25%) announced that the Algerian National Oil and Gas Development Agency approved the development plan for the Timimoun natural gas project, located between Timimoun and Adrar in southwestern Algeria. This project milestone is the outcome of an exploration and appraisal program begun in 2003. Development work should begin in the fourth quarter of the year, with first gas scheduled for 2013. Timimoun is expected to commercially produce around 1.6 billion cubic meters of natural gas per year (160 million cubic feet per day) at plateau. TOTAL, Sonatrach and Cepsa will jointly operate the Timimoun project.

**Yemen / LNG** – TOTAL announced that the Yemen LNG liquefaction plant started producing Liquefied Natural Gas (LNG). TOTAL is lead shareholder of Yemen LNG and holds a 39.62% interest, alongside the state-owned company Yemen Gas Company (16.73%), Hunt Oil Company (17.22%), SK Energy (9.55%), Korea Gas Corporation (6%), Hyundai Corporation (5.88%), and GASSP1 (5%). The Yemen LNG project, which will have required an overall 4.5 billion investment, is the largest investment ever made in Yemen. Total production capacity will reach 6.7 millions tons of LNG per year.



**Angola / E&P** – TOTAL announced that its subsidiary, TEPA Limited (30%, operator), and Sociedade Nacional de Combustiveis de Angola (Sonangol E.P), discovered oil on Block 17/06, in the deep waters of the Angolan offshore. Gardenia-1 is the first well

and the first discovery made on Block 17/06. This first discovery of Gardenia-1 confirms the potential of the northwestern part of Block 17/06.

## NOVEMBER



**Vietnam / E&P** – TOTAL announced that its subsidiary, TOTAL E&P Vietnam, and its partners on Block 15-1/05, discovered oil in the Lac Da Nau prospect, located in the southern part of the block in the Vietnamese offshore. 15-01/05 LDN-1X exploration well is the first well drilled and the first discovery made on Block 15-01/05. It is located 110 kilometers to the east of Vung Tau, about 65 kilometers off the coast. Phu Quy Petroleum Operating Exploration and Production Company Limited, a subsidiary of Petrovietnam Exploration and Production Corporation, is the operator of Block 15-1/05 with a 40% stake. The other partners on Block 15-1/05 are TOTAL E&P Vietnam (35%) and SK Energy (25%).

## DECEMBER

**French Guiana / E&P** – TOTAL announced the acquisition of a 25% interest in the Guyane Maritime Permit from Hardman Petroleum France SAS, an affiliate of Tullow Oil plc. The permit, located about 150 kilometers off the coast of French Guiana, covers an area of approximately 32,000 square kilometers in water depths ranging from 2,000 to 3,000 meters. Under the new partnership structure, Hardman Petroleum France SAS is operator of the permit with a 39.5% interest. Other partners are Shell Exploration and Production France SAS (33%), Total E&P Guyane Française (25%) and Northpet Investments Ltd (2.5%).

**Algeria / E&P** – TOTAL announced that the consortium it has formed with Partex was awarded a 49% interest in the Ahnet license, as part of the second bid round held



by the Algerian National Oil and Gas Development Agency. The Ahnet exploration and development acreage covers an area of 17,358 square kilometers in southern Algeria. TOTAL holds a 47% interest and will appraise and develop the Ahnet licence with partners Partex (2%) and Sonatrach (51%).

First gas is scheduled for 2015. The Ahnet license contains significant reserves (approximately 500 billion cubic meters of gas) which should produce at least 4 billion cubic meters a year.



## Highlights of the first quarter of 2010

### JANUARY

**United States / E&P** – TOTAL announced that its subsidiary, Total E&P USA, Inc., signed an agreement to enter into a joint venture with U.S. based Chesapeake Exploration, L.L.C., a subsidiary of Chesapeake Energy Corporation of Oklahoma City, Oklahoma, whereby TOTAL acquires a 25% share in Chesapeake's Barnett shale gas portfolio located in Texas. TOTAL's share of the current production will be approximately 175 million cubic feet per day of natural gas (30 thousand barrels of oil equivalent), with forecast growth increasing TOTAL's share of production to more than 250 million cubic feet per day of natural gas in future years. TOTAL's share of proven reserves will be approximately 0.75 trillion cubic feet of gas (130 million barrels of oil equivalent).



**France / E&P** – TOTAL inaugurated Europe's first end-to-end carbon capture transportation and storage demonstration facility, in Lacq, southwestern France. The €60-million Lacq project will help to tackle climate change, used alongside other Group solutions, such as enhancing the energy efficiency of facilities and products and initiatives to promote and develop renewable energies. This technology will help to reduce greenhouse gas emissions from industrial facilities that use fuel oil, natural gas and coal, such as power plants, steel plants, cement plants and refineries.

**Canada / E&P** – TOTAL and ConocoPhillips announced the sanction of the Surmont Phase 2 SAGD (Steam Assisted Gravity Drainage) development in Canada. The project, slated to begin initial construction in 2010, will increase Surmont's production capacity from 27,000 to 110,000 barrels of bitumen per day. The Surmont project is located in the Athabasca oil sands region. Surmont is operated by ConocoPhillips Canada and is a 50/50 joint-venture with Total E&P Canada.

**Italy / R&M** – TOTAL and ERG signed an agreement to create a joint venture in the Italian marketing and refining business. They will hold equity stakes of, respectively, 49% and 51%. Created through the merger of Total Italia and ERG Petroli, the joint venture will be called TotalErg and will operate under both the TOTAL and ERG brands. TotalErg will enjoy solid competitive positioning thanks to the integration of its two partners' assets and expertise. TotalErg will become one of the largest marketing operators in Italy, with a retail market share of nearly 13% and over 3,400 service stations. The joint venture will also be active in the refining business, with a total continental capacity of roughly 116,000 barrels per day or around 8% of national demand.

**Iraq / E&P** – TOTAL announced that, within the framework of Iraq's second petroleum bidding round organized by the Iraqi Ministry of Oil on December 12th, 2009, the consortium led by PetroChina Company Ltd signed a 20-year Development and Production Service Contract with Missan Oil Company for the development of the Halfaya oil field. Total E&P Iraq holds an 18.75% interest in the consortium, alongside the operator PetroChina (37.5%) and partners Petronas Carigali Sdn. Bhd. (18.75%) and the State Partner South Oil Company (25%). The consortium plans to increase the current oil field production from 3,100 barrels of oil per day to 535,000 barrels of oil per day.

### MARCH

**France / R&M** – In response to a structural decline in petroleum product demand, TOTAL presented the Central Works Council with a plan to permanently shut down refining operations at its Dunkirk site, which will be repurposed. In order to ensure the site's future and maintain jobs, TOTAL will:

- develop new refining operations support and petroleum logistics activities on the Dunkirk site;
- partner with French electric utility EDF in the implementation of the planned LNG terminal project for Dunkirk; and
- participate actively in local discussions on revitalizing the Dunkirk region's economy.

**Kazakhstan / E&P** – TOTAL announced the signature of an agreement to acquire a 50% interest in Kazakhstan's Concession held by OilTechnoGroup (OTG), the Kazakh subsidiary of Poland's Petrolinvest. The roughly 5,500-square-kilometer onshore license presently being explored is located in northwestern Kazakhstan.

**UK / E&P** – TOTAL announced the launch of the Laggan and Tormore gas fields development in the offshore frontier region of the West of Shetland, subject to the United Kingdom Government's Department of Energy and Climate Change approval. TOTAL also announced the acquisition of the 10% interest in Laggan and Tormore previously held by Chevron North Sea Limited and the 20% interest previously held by ENI UK Limited. This brings TOTAL's interest in this project to 80% alongside partner DONG E&P (UK) Ltd.

**France / G&P** – TOTAL announced having obtained the Montelimar Permit by ministerial decree dated as of March 1, 2010 to evaluate the gas shale potential of the area. This exploration permit, granted for a five-year period, covers a surface of 4,327 square kilometers that spans from the south of Valence to the region of Montpellier, in the South of France.

# CORPORATE SOCIAL RESPONSIBILITY

**96%** of sites presenting technological risks with an audited safety management system.

For TOTAL, being a responsible company means demonstrating professional discipline and unbending ethical conduct, upholding our values and principles wherever we are, and continuously striving to manage and reduce our impacts on people and on the environment.

These requirements are set out in our Corporate codes and charters and built into our management processes and systems. We disclose every year in our Environment and Society report our objectives and achievements: some of the main performance indicators are provided below, to learn more go to [www.total.com/csr](http://www.total.com/csr).

## TOTAL'S CODE OF CONDUCT



Our basic values, business principles and commitments to our stakeholders are set out in the Code of Conduct. For TOTAL's employees, the Code offers guidelines for day-to-day decision making. It reminds them

in particular of TOTAL's support for:

- The Universal Declaration of Human Rights
- International Labour Organisation Standards
- OECD Guidelines for Multinational Enterprises
- United Nations Global Compact

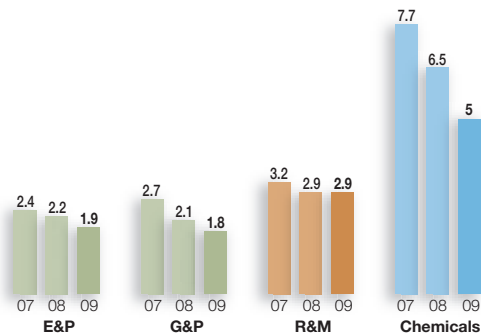
To ensure that our commitments are fully understood, the Code has been translated into 24 languages. Appropriate application is verified by accreditation company GoodCorporation: since 2002, 78 units were audited.

## SAFETY

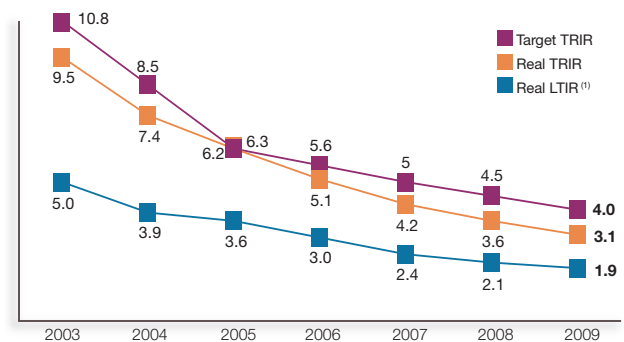
At TOTAL, the safety of people and property is a core priority at all times. Strengthening safety culture is essential to achieve continuous improvement and sustain our performance over the long term. Our safety action plan focuses on three key objectives: managing technological risks, improving workplace safety and health and enhancing product transportation safety.



### Total Recordable Injury Rate (TRIR) per million hours worked by business (Total and contractor employees)



### Injury rate per million hours worked (Total and contractor employees)



(1) LTIR: Lost Time Injury Rate.

**89%**  
of environmentally  
sensitive sites<sup>(1)</sup>  
ISO 14001 certified.

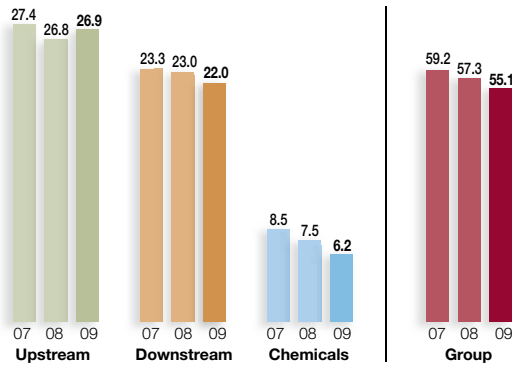
## GREENHOUSE GAS EMISSIONS

We deploy a global strategy for managing and curtailing our greenhouse gas (GHG) emissions. We use all available levers to reduce our GHG intensity:

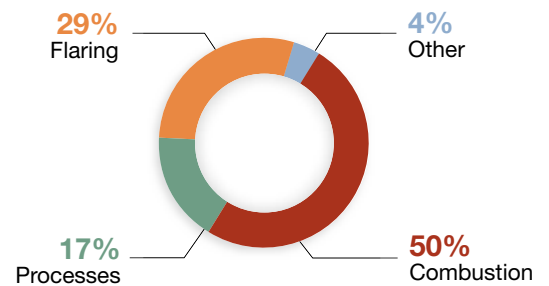
- Reducing flaring of associated gas, halving it between 2005 and 2014.
- Enhancing the energy efficiency of our facilities and products: -2% per year for Exploration & Production and Petrochemicals, -1% per year for Refining.
- Taking into account carbon dioxide's economic sensitivity when making capital expenditure decisions, from designing new projects to revamping existing facilities.
- Developing promising technologies such as CO<sub>2</sub> capture and storage.
- Expanding our portfolio in new energies.

Taken together, our initiatives should enable us to reduce the direct emissions from our operated activities by roughly 15% in 2015 versus 2008 at constant scope.

### TOTAL's greenhouse gas emissions (six gases) (million tons of carbon dioxide equivalent per year)



### Relative percentage of greenhouse gas sources in TOTAL's direct emissions in 2009

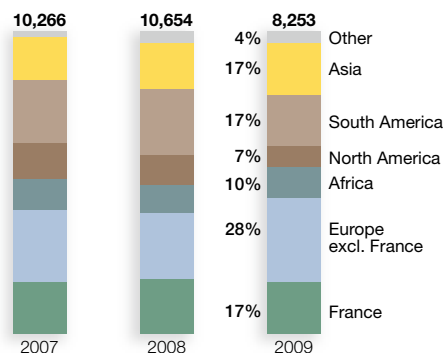


## SOCIAL

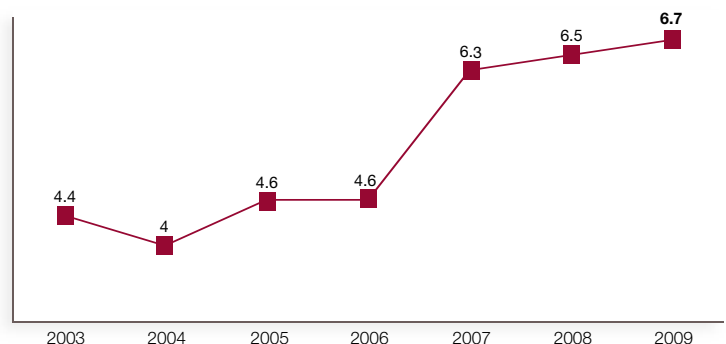
Innovation and advanced technology are key drivers of TOTAL's growth strategy and the reason why our Group is counting more than ever on the talent of our employees to keep expanding. We manage our human resources based on the principles of fairness, diversity, skills development and dialogue with our employees.



### Permanent hires by region<sup>(2)</sup>



### Average number of training days per employee per year



(1) These sites account for 90% of the main indicators for each business including air emissions and freshwater withdrawals.

(2) Managed scope.

## CO<sub>2</sub> CAPTURE AND STORAGE: TOTAL, PIONEER IN EUROPE THROUGH ITS LACQ PILOT



In January 2010, TOTAL inaugurated its Carbon Capture and Storage (CCS) pilot in Lacq, in southwestern France. The technique consists of capturing CO<sub>2</sub> directly from its production source, injecting it and storing it in a depleted gas field / underground reservoir to avoid its reinjection in the atmosphere.

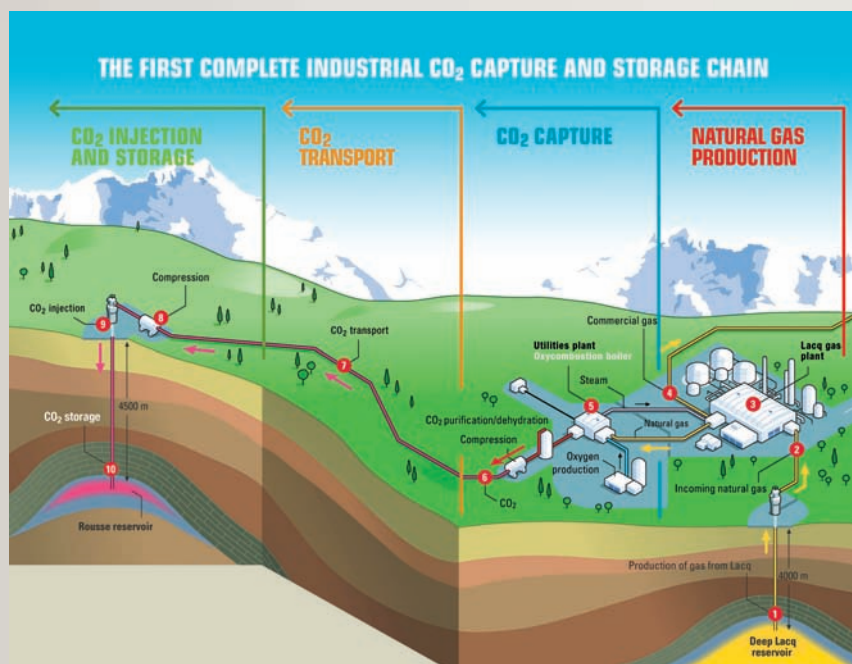
### Europe's first integrated CCS chain

TOTAL's industrial demonstration is testing out the complete chain of CO<sub>2</sub> capture, transportation and storage: the carbon dioxide emitted by one boiler of the Lacq gas treatment plant is captured and then

transported by pipeline 27 kilometers to the Rousse natural gas field, where it is injected and stored at a depth of 4,500 meters.

“ Our goal is to perfect and master this technology in order to be able to deploy it at our sites. ”

Nicolas Aimard  
Project Manager, TOTAL, Exploration & Production



### TOTAL capacity to innovate: the oxycombustion process

At Lacq, one of the five boilers that provide the steam and the energy necessary for the industrial complex has been converted into an oxycombustion unit to capture the CO<sub>2</sub>. Oxycombustion is a process using combustion without nitrogen: it does not burn gas with air but achieves an almost

perfect combustion using pure oxygen, produced on site. Gases emitted from this combustion contain essentially carbon dioxide and water. The oxycombustion process produces a lower volume of more concentrated CO<sub>2</sub> (between 90 and 95% pure).

### CCS: a key role in the greenhouse gases emissions reduction/control

The objective of the CCS process is to help industrial activities that use fossil fuels, such as coal-fired power plants, steel or cement works and refineries, to reduce their greenhouse gas emissions. It is a

fundamental tool for TOTAL and its commitment in controlling greenhouse gas emissions, in addition to its actions to improve energy efficiency and develop alternative energy.

### KEY FIGURES

- Lacq pilot: a **60 million** euro investment for TOTAL.
- A pilot to capture and trap around **120,000** tonnes of carbon dioxide over a 2-year period, a quantity equivalent to the exhaust emissions of 40,000 cars for the same period.
- A **three-year monitoring phase** will follow the two-year injection period to establish reliable protocols and standards for long-term storage.
- TOTAL has been committed to CO<sub>2</sub> injection and storage **for more than ten years** in Norway (Sleipner, Snøhvit) and with comprehensive R&D program in Europe, Canada and Australia.

► According to the Intergovernmental Panel on Climate Change (IPCC), this technology could be applied, by 2050, to one-third of global CO<sub>2</sub> emissions and to around 7,000 industrial sites worldwide.



# CORPORATE

**7.8 B€**

of adjusted net  
income

**12.4 B€**

of cash flows from  
operating activities

**3.48 €**

of adjusted fully-diluted  
earnings per share

**2.28 €**

of dividend  
per share





## Financial highlights

Under IFRS rules for discontinued operations, the 2005 income statements with the exception of net income have been restated to exclude the contribution of Arkema.

<i>(in million euros, except percent and per share amounts)</i>	2009	2008	2007	2006	2005
<b>Sales</b>	<b>131,327</b>	<b>179,976</b>	<b>158,752</b>	<b>153,802</b>	<b>137,607</b>
Adjusted operating income from business segments <sup>(1)</sup>	14,154	28,114	23,956	25,166	23,468
<b>Adjusted net operating income from business segments <sup>(1)</sup></b>	<b>7,607</b>	<b>13,961</b>	<b>12,231</b>	<b>12,377</b>	<b>11,912</b>
Net income (Group share)	8,447	10,590	13,181	11,768	12,273
<b>Adjusted net income (Group share) <sup>(1)</sup></b>	<b>7,784</b>	<b>13,920</b>	<b>12,203</b>	<b>12,585</b>	<b>12,003</b>
Fully-diluted weighted-average number of shares <sup>(2)</sup>	2,237,292,199	2,246,658,542	2,274,384,984	2,312,304,652	2,362,028,860
<b>Adjusted fully-diluted earnings per share (€) <sup>(1) (2) (3)</sup></b>	<b>3.48</b>	<b>6.20</b>	<b>5.37</b>	<b>5.44</b>	<b>5.08</b>
<b>Dividend per share (€) <sup>(2) (4)</sup></b>	<b>2.28</b>	<b>2.28</b>	<b>2.07</b>	<b>1.87</b>	<b>1.62</b>
Net-debt-to-equity ratio (as of December 31)	27%	23%	27%	34%	32%
Return on average capital employed (ROACE) <sup>(5)</sup>	13%	26%	24%	26%	29%
Return on equity	16%	32%	31%	33%	35%
<b>Cash flows from operating activities</b>	<b>12,360</b>	<b>18,669</b>	<b>17,686</b>	<b>16,061</b>	<b>14,669</b>
Investments	13,349	13,640	11,722	11,852	11,195
Divestments	3,081	2,585	1,556	2,278	1,088
Investments <i>including net investments in equity affiliates and non-consolidated companies</i>	13,003	12,444	11,371		

## Financial highlights <sup>(6)</sup>

<i>(in million dollars, except percent and per share amounts)</i>	2009	2008	2007	2006	2005
<b>Sales</b>	<b>183,175</b>	<b>264,709</b>	<b>217,554</b>	<b>193,114</b>	<b>171,197</b>
Adjusted operating income from business segments <sup>(1)</sup>	19,742	41,350	32,829	31,598	29,197
<b>Adjusted net operating income from business segments <sup>(1)</sup></b>	<b>10,610</b>	<b>20,534</b>	<b>16,761</b>	<b>15,541</b>	<b>14,820</b>
Net income (Group share)	11,782	15,576	18,063	14,776	15,269
<b>Adjusted net income (Group share) <sup>(1)</sup></b>	<b>10,857</b>	<b>20,474</b>	<b>16,723</b>	<b>15,802</b>	<b>14,933</b>
Fully-diluted weighted-average number of shares <sup>(2)</sup>	2,237,292,199	2,246,658,542	2,274,384,984	2,312,304,652	2,362,028,860
<b>Adjusted fully-diluted earnings per share (\$) <sup>(1) (2) (3)</sup></b>	<b>4.85</b>	<b>9.11</b>	<b>7.35</b>	<b>6.83</b>	<b>6.32</b>
<b>Net dividend per ADR (\$) <sup>(2) (4) (7)</sup></b>	<b>3.29</b>	<b>2.91</b>	<b>3.14</b>	<b>2.46</b>	<b>1.99</b>
Net-debt-to-equity ratio (as of December 31)	27%	23%	27%	34%	32%
Return on average capital employed (ROACE) <sup>(5)</sup>	13%	26%	24%	26%	29%
Return on equity	16%	32%	31%	33%	35%
<b>Cash flows from operating activities</b>	<b>17,240</b>	<b>27,458</b>	<b>24,237</b>	<b>20,166</b>	<b>18,250</b>
Investments	18,619	20,062	16,064	14,881	13,928
Divestments	4,297	3,802	2,132	2,860	1,354
Investments <i>including net investments in equity affiliates and non-consolidated companies</i>	18,137	18,303	15,583		

(1) Adjusted net income is defined as net income using replacement cost, adjusted for special items and excluding TOTAL's equity share of adjustments and, from 2009, selected items related to Sanofi-Aventis.

(2) 2005 amounts are restated as per the four-for-one stock split that took place on May 18, 2006.

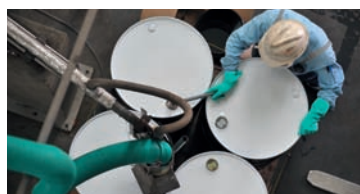
(3) Based on the weighted-average number of fully-diluted shares during the period. Not calculated using IFRS rules.

(4) 2009 dividend is subject to approval by Shareholders' meeting on May 21, 2010.

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

(6) Dollar amounts represent euro amounts converted at the average €-\$ exchange rate for the period for statement of income and cash flows statement items and at year-end €-\$ exchange rate for balance sheet items, except where otherwise stated.

(7) Translated solely for convenience into dollars at the Noon Buying Rates on the respective payment dates, including for the interim dividend 2009 paid on November 19, 2009 (1.14 € per share) except for the final dividend 2009 (1.14 € per share) payable on June 1, 2010, which has been translated at the €-\$ exchange rate of 1.40. In the US, the dividend, paid to the holders of ADRs, may differ from these figures, depending on the Noon Buying Rate used by the Depositary to convert euros to dollars for purposes of making payments to holders of ADRs and depending on the tax status of the US shareholders, with respect to the withholding tax and the tax credit.



## Operational highlights

	2009	2008	2007	2006	2005
<b>Upstream</b>					
<b>Technical production (kboe/d) <sup>(1)</sup></b>	<b>2,569</b>	<b>2,669</b>	<b>2,628</b>	<b>2,588</b>	<b>2,696</b>
Liquids (kb/d)	1,514	1,607	1,624	1,614	1,704
Gas (Mcf/d)	5,813	5,800	5,497	5,389	5,483
<b>Entitlement production (kboe/d) <sup>(1)</sup></b>	<b>2,281</b>	<b>2,341</b>	<b>2,391</b>	<b>2,356</b>	<b>2,489</b>
Liquids (kb/d)	1,381	1,456	1,509	1,506	1,621
Gas (Mcf/d)	4,923	4,837	4,839	4,674	4,780
<b>Proved Reserves (Mboe) <sup>(2)</sup></b>	<b>10,483</b>	<b>10,458</b>	<b>10,449</b>	<b>11,120</b>	<b>11,106</b>
Liquids (Mb)	5,689	5,695	5,778	6,471	6,592
Gas (Bcf)	26,318	26,218	25,730	25,539	24,750
<i>(in kb/d)</i>					
<b>Downstream</b>					
Distillation capacity (Group share at year-end)	2,594	2,604	2,598	2,700	2,708
<b>Refinery throughput</b>	<b>2,151</b>	<b>2,362</b>	<b>2,413</b>	<b>2,454</b>	<b>2,410</b>
Refined product sales excluding trading sales	2,641	2,720	2,893	2,966	2,963
Refined product sales including trading sales	3,616	3,658	3,774 <sup>(4)</sup>	3,682 <sup>(4)</sup>	3,792 <sup>(4)</sup>
<i>(in million euros)</i>					
<b>Chemicals</b>					
<b>Sales <sup>(5)</sup></b>	<b>14,726</b>	<b>20,150</b>	<b>19,805</b>	<b>19,239</b>	<b>16,725</b>
Base Chemicals <sup>(5)</sup>	8,655	13,176	12,558	12,131	10,199
Specialties <sup>(5)</sup>	6,071	6,974	7,247	7,108	6,526

Under IFRS rules for discontinued operations, the 2005 income statements with the exception of net income have been restated to exclude the contribution of Arkema.

## Market environment

	2009	2008	2007	2006	2005
Year-end euro-dollar (€/€)	1.44	1.39	1.47	1.32	1.18
Average euro-dollar (€/€)	1.39	1.47	1.37	1.26	1.24
Year-end Brent price (\$/b)	77.67	36.5	93.7	58.9	58.2
Average Brent price (\$/b)	61.7	97.3	72.4	65.1	54.5
Average refining margins (\$/ton) - ERMI <sup>(6)</sup>	17.8	51.1			
Average refining margins (\$/b) - ERMI <sup>(6)</sup>	2.4	6.9			
Average refining margins (\$/ton) - TRCV <sup>(7)</sup>	14.8	37.8	32.5	28.9	41.6
Average refining margins (\$/b) - TRCV <sup>(7)</sup>	2.0	5.1	4.4	3.9	5.7

(1) Technical production defined as equity share of wellhead production; entitlement production defined as ASC 932 (ex-FAS 69) production plus mining, including equity affiliates.

(2) In accordance with the amended Rule 4-10 of Regulation S-X, proved reserves for the year ended December 31, 2009, are calculated using a 12-month average price determined as the unweighted arithmetic average of the first-day-of-the-month price for each month of the relevant year unless prices are defined by contractual arrangements, excluding escalations based upon future conditions. The reference price for 2009 was \$59.91/b for Brent crude. The proved reserves for the years ended December 31, 2008, 2007, 2006 and 2005 were calculated using December 31 prices.

(3) In 2007, TOTAL sold its 70% interest in the Milford Haven refinery in Wales and its 55.6% in Fina Petroleos de Angola (FPA).

The assets of FPA consist notably of the Luanda refinery. On September 30, 2009, TOTAL sold its 50% interest in Indeni Refinery in Zambia.

(4) Amounts different from the 2006 and 2007 publications due to a change in the calculation method for the Port Arthur refinery sales.

(5) Excluding inter-segment sales.

(6) ERMI, TOTAL's European Refining Margin Indicator after variable costs; published quarterly by the Group since January 2010, replaces the TRCV index.

(7) TRCV (Topping, Reforming, Cracking, Visbreaking) was the previous TOTAL's European Refining Margin Indicator.



Log on to  
[www.total.com](http://www.total.com)

Download  
all the tables from 1998  
to 2009 in Excel format



## Financial highlights by quarter

Under IFRS rules for discontinued operations, the 2005 income statements with the exception of net income have been restated to exclude the contribution of Arkema.

<i>in million euros</i>	2009 Full Year	1st	Quarters		
			2nd	3rd	4th
<b>Adjusted operating income from business segments <sup>(1)</sup></b>	<b>14,154</b>	<b>3,615</b>	<b>3,044</b>	<b>3,510</b>	<b>3,985</b>
Upstream	12,879	2,892	2,843	3,236	3,908
Downstream	1,026	791	141	83	11
Chemicals	249	(68)	60	191	66
<b>Adjusted net operating income from business segments <sup>(1)</sup></b>	<b>7,607</b>	<b>2,050</b>	<b>1,678</b>	<b>1,808</b>	<b>2,071</b>
Upstream	6,382	1,482	1,451	1,501	1,948
Downstream	953	600	156	146	51
Chemicals	272	(32)	71	161	72
<b>Adjusted net income (Group share) <sup>(1)</sup></b>	<b>7,784</b>	<b>2,113</b>	<b>1,721</b>	<b>1,869</b>	<b>2,081</b>
Adjusted fully-diluted earnings per share (€) <sup>(1) (2)</sup>	3.48	0.95	0.77	0.84	0.93
<b>Net income (Group share)</b>	<b>8,447</b>	<b>2,290</b>	<b>2,169</b>	<b>1,923</b>	<b>2,065</b>
Shareholders' equity (as of end of period)	52,552	52,597	51,299	49,620	52,552
Net debt (as of end of period)	13,556	9,516	12,259	10,240	13,556
<b>Net-debt-to-equity ratio (as of end of period)</b>	<b>26.6%</b>	<b>19.1%</b>	<b>24.7%</b>	<b>20.8%</b>	<b>26.6%</b>
Shares outstanding (as of end of period) <sup>(2)</sup>	2,348,422,884	2,372,269,434	2,372,373,960	2,347,765,791	2,348,422,884
Fully-diluted weighted-average number of shares <sup>(2)</sup>	2,237,292,199	2,235,352,499	2,235,576,296	2,236,847,472	2,241,392,531
Number of shares bought back during the period <sup>(2)</sup>	-	-	-	-	-
Share buybacks (B€)	-	-	-	-	-

<i>in million dollars</i>	2009 Full Year	1st	Quarters		
			2nd	3rd	4th
<b>Adjusted operating income from business segments <sup>(1)</sup></b>	<b>19,742</b>	<b>4,710</b>	<b>4,150</b>	<b>5,020</b>	<b>5,889</b>
Upstream	17,964	3,768	3,876	4,628	5,776
Downstream	1,431	1,031	192	119	16
Chemicals	347	(89)	82	273	97
<b>Adjusted net operating income from business segments <sup>(1)</sup></b>	<b>10,610</b>	<b>2,671</b>	<b>2,287</b>	<b>2,586</b>	<b>3,061</b>
Upstream	8,902	1,931	1,978	2,147	2,879
Downstream	1,329	782	213	209	75
Chemicals	379	(42)	97	230	106
<b>Adjusted net income (Group share) <sup>(1)</sup></b>	<b>10,857</b>	<b>2,753</b>	<b>2,346</b>	<b>2,673</b>	<b>3,076</b>
Adjusted earnings per ADR (\$) <sup>(1) (6)</sup>	4.85	1.23	1.05	1.20	1.37
<b>Net income (Group share)</b>	<b>11,782</b>	<b>2,984</b>	<b>2,957</b>	<b>2,750</b>	<b>3,052</b>
Shareholders' equity (as of end of period)	75,706	69,996	72,506	72,659	75,706
Net debt (as of end of period)	19,529	12,664	17,327	14,994	19,529
<b>Net-debt-to-equity ratio (as of end of period)</b>	<b>26.6%</b>	<b>19.1%</b>	<b>24.7%</b>	<b>20.8%</b>	<b>26.6%</b>
Shares outstanding (as of end of period) <sup>(2)</sup>	2,348,422,884	2,372,269,434	2,372,373,960	2,347,765,791	2,348,422,884
Fully-diluted weighted-average number of shares <sup>(2)</sup>	2,237,292,199	2,235,352,499	2,235,576,296	2,236,847,472	2,241,392,531
Number of shares bought back during the period <sup>(2)</sup>	-	-	-	-	-
Share buybacks (B\$)	-	-	-	-	-

(1) Adjusted income (adjusted operating income, adjusted net operating income and adjusted net income) is defined as income using replacement cost, adjusted for special items and excluding TOTAL's equity share of adjustments and, from 2009, selected items related to Sanofi-Aventis. See details of adjustments item to operating and net income on pages 21 to 23.

(2) 2005 number of shares was adjusted following the four-for-one stock split of May 18, 2006. Not calculated using IFRS rules.

(3) Including 2,800,000 shares to cover restricted stocks grants for Group employees.

(4) Including 2,387,355 shares to cover restricted stocks grants for Group employees.

(5) Dollar amounts represent euro amounts converted at the average €-\$ exchange rate for the period for statement of income and cash flows statement items and at year-end €-\$ exchange rate for balance sheet items.

(6) The number of ADR was adjusted following the change in ADR ratio. One TOTAL ADR corresponds to one TOTAL share.





# CORPORATE

2008 Full Year	Quarters				2007 Full Year	Quarters			
	1st	2nd	3rd	4th		1st	2nd	3rd	4th
<b>28,114</b>	<b>7,119</b>	<b>7,786</b>	<b>8,083</b>	<b>5,126</b>	<b>23,956</b>	<b>5,729</b>	<b>5,756</b>	<b>5,770</b>	<b>6,701</b>
23,639	6,423	6,964	6,525	3,727	19,514	4,375	4,440	4,861	5,838
3,602	498	744	1,215	1,145	3,287	973	1,004	566	744
873	198	78	343	254	1,155	381	312	343	119
<b>13,961</b>	<b>3,200</b>	<b>3,756</b>	<b>4,063</b>	<b>2,942</b>	<b>12,231</b>	<b>2,948</b>	<b>3,081</b>	<b>3,000</b>	<b>3,202</b>
10,724	2,731	3,099	2,899	1,995	8,849	1,961	2,092	2,227	2,569
2,569	311	587	901	770	2,535	708	755	526	546
668	158	70	263	177	847	279	234	247	87
<b>13,920</b>	<b>3,254</b>	<b>3,723</b>	<b>4,070</b>	<b>2,873</b>	<b>12,203</b>	<b>2,992</b>	<b>3,100</b>	<b>3,004</b>	<b>3,107</b>
6.20	1.44	1.65	1.81	1.29	5.37	1.31	1.36	1.32	1.37
<b>10,590</b>	<b>3,602</b>	<b>4,732</b>	<b>3,050</b>	<b>(794)</b>	<b>13,181</b>	<b>3,049</b>	<b>3,411</b>	<b>3,121</b>	<b>3,600</b>
48,992	45,750	48,273	50,801	48,992	44,858	42,866	43,657	42,818	44,858
10,671	9,019	11,738	7,858	10,671	11,837	9,290	10,919	10,181	11,837
<b>22.5%</b>	<b>21.0%</b>	<b>25.1%</b>	<b>15.4%</b>	<b>22.5%</b>	<b>27.3%</b>	<b>23.0%</b>	<b>25.8%</b>	<b>23.8%</b>	<b>27.3%</b>
2,371,808,074	2,395,816,251	2,401,210,435	2,371,635,621	2,371,808,074	2,395,532,097	2,392,912,284	2,393,312,826	2,394,802,679	2,395,532,097
2,246,658,542	2,253,957,869	2,252,870,293	2,244,325,221	2,235,480,782	2,274,384,984	2,280,931,768	2,278,438,717	2,272,565,123	2,265,604,327
27,600,000 <sup>(3)</sup>	9,000,000	7,000,000	8,000,000	3,600,000 <sup>(3)</sup>	32,387,355 <sup>(4)</sup>	6,000,000	8,000,000	9,387,355 <sup>(4)</sup>	9,000,000
1.3	0.4	0.4	0.4	0.1	1.8	0.3	0.5	0.5	0.5

2008 Full Year	Quarters				2007 Full Year	Quarters			
	1st	2nd	3rd	4th		1st	2nd	3rd	4th
<b>41,350</b>	<b>10,661</b>	<b>12,163</b>	<b>12,165</b>	<b>6,756</b>	<b>32,829</b>	<b>7,509</b>	<b>7,760</b>	<b>7,927</b>	<b>9,708</b>
34,768	9,619	10,879	9,820	4,912	26,742	5,734	5,986	6,679	8,457
5,298	746	1,162	1,829	1,509	4,504	1,275	1,354	778	1,078
1,284	297	122	516	335	1,583	499	421	471	172
<b>20,534</b>	<b>4,792</b>	<b>5,868</b>	<b>6,115</b>	<b>3,878</b>	<b>16,761</b>	<b>3,864</b>	<b>4,154</b>	<b>4,122</b>	<b>4,639</b>
15,773	4,090	4,841	4,363	2,629	12,126	2,571	2,821	3,060	3,722
3,778	466	917	1,356	1,015	3,474	928	1,018	723	791
982	237	109	396	233	1,161	366	315	339	126
<b>20,474</b>	<b>4,873</b>	<b>5,816</b>	<b>6,125</b>	<b>3,787</b>	<b>16,723</b>	<b>3,922</b>	<b>4,180</b>	<b>4,127</b>	<b>4,501</b>
9.12	2.16	2.58	2.72	1.70	7.35	1.72	1.83	1.81	1.98
<b>15,576</b>	<b>5,394</b>	<b>7,392</b>	<b>4,590</b>	<b>(1,046)</b>	<b>18,063</b>	<b>3,997</b>	<b>4,599</b>	<b>4,288</b>	<b>5,215</b>
68,182	72,340	76,098	72,661	68,182	66,035	57,012	58,937	60,802	65,941
14,851	14,261	18,504	11,239	14,851	17,425	12,356	14,741	14,457	17,400
<b>22.5%</b>	<b>21.0%</b>	<b>25.1%</b>	<b>15.4%</b>	<b>22.5%</b>	<b>27.3%</b>	<b>23.0%</b>	<b>25.8%</b>	<b>23.8%</b>	<b>27.3%</b>
2,371,808,074	2,395,816,251	2,401,210,435	2,371,635,621	2,371,808,074	2,395,532,097	2,392,912,284	2,393,312,826	2,394,802,679	2,395,532,097
2,246,658,542	2,253,957,869	2,252,870,293	2,244,325,221	2,235,480,782	2,274,384,984	2,280,931,768	2,278,438,717	2,272,565,123	2,265,604,327
27,600,000 <sup>(3)</sup>	9,000,000	7,000,000	8,000,000	3,600,000 <sup>(3)</sup>	32,387,355 <sup>(4)</sup>	6,000,000	8,000,000	9,387,355 <sup>(4)</sup>	9,000,000
2.0	0.7	0.6	0.6	0.2	2.5	0.4	0.7	0.7	0.8



## Financial highlights by quarter

Under IFRS rules for discontinued operations, the 2005 income statements with the exception of net income have been restated to exclude the contribution of Arkema.

(in million euros,  
except percent, per share amounts and share buybacks)

	2006	Quarters			
	Full Year	1st	2nd	3rd	4th
<b>Adjusted operating income from business segments <sup>(1)</sup></b>	<b>25,166</b>	<b>6,688</b>	<b>6,672</b>	<b>6,352</b>	<b>5,454</b>
Upstream	20,307	5,601	5,376	5,000	4,330
Downstream	3,644	856	1,036	1,002	750
Chemicals	1,215	231	260	350	374
<b>Adjusted net operating income from business segments <sup>(1)</sup></b>	<b>12,377</b>	<b>3,240</b>	<b>3,369</b>	<b>3,079</b>	<b>2,689</b>
Upstream	8,709	2,400	2,391	2,033	1,885
Downstream	2,784	650	787	798	549
Chemicals	884	190	191	248	255
<b>Adjusted net income (Group share) <sup>(1)</sup></b>	<b>12,585</b>	<b>3,376</b>	<b>3,361</b>	<b>3,111</b>	<b>2,737</b>
Adjusted fully-diluted earnings per share (€) <sup>(1) (2)</sup>	5.44	1.45	1.45	1.35	1.20
<b>Net income (Group share)</b>	<b>11,768</b>	<b>3,683</b>	<b>3,441</b>	<b>2,419</b>	<b>2,225</b>
Shareholders' equity (as of end of period)	40,321	43,170	40,272	41,761	40,321
Net debt (as of end of period)	13,220	10,745	11,818	10,420	13,220
<b>Net-debt-to-equity ratio (as of end of period)</b>	<b>34.0%</b>	<b>26.1%</b>	<b>30.2%</b>	<b>26.1%</b>	<b>34.0%</b>
Shares outstanding (as of end of period) <sup>(2)</sup>	2,425,767,953	2,471,775,836	2,471,961,256	2,425,195,824	2,425,767,953
Fully-diluted weighted-average number of shares <sup>(2)</sup>	2,312,304,652	2,335,829,836	2,322,963,061	2,302,286,798	2,288,140,117
Number of shares bought back during the period <sup>(2)</sup>	78,220,684 <sup>(3)</sup>	22,000,000	20,000,000	22,295,684 <sup>(3)</sup>	13,925,000
Share buybacks (B€)	4.1	1.2	1.0	1.2	0.7

(in million dollars,  
except percent, per share amounts and share buybacks) <sup>(5)</sup>

	2006	Quarters			
	Full Year	1st	2nd	3rd	4th
<b>Adjusted operating income from business segments <sup>(1)</sup></b>	<b>31,599</b>	<b>8,041</b>	<b>8,395</b>	<b>8,095</b>	<b>7,029</b>
Upstream	25,498	6,735	6,765	6,372	5,581
Downstream	4,576	1,029	1,304	1,277	967
Chemicals	1,526	278	327	446	482
<b>Adjusted net operating income from business segments</b>	<b>15,541</b>	<b>3,896</b>	<b>4,239</b>	<b>3,924</b>	<b>3,466</b>
Upstream	10,936	2,886	3,009	2,591	2,430
Downstream	3,496	781	990	1,017	707
Chemicals	1,110	228	240	316	329
<b>Adjusted net income (Group share) <sup>(1)</sup></b>	<b>15,802</b>	<b>4,059</b>	<b>4,229</b>	<b>3,965</b>	<b>3,528</b>
Adjusted earnings per ADR (\$) <sup>(1) (6)</sup>	6.83	1.74	1.82	1.72	1.54
<b>Net income (Group share)</b>	<b>14,776</b>	<b>4,429</b>	<b>4,330</b>	<b>3,083</b>	<b>2,868</b>
Shareholders' equity (as of end of period)	53,224	52,236	51,145	53,036	53,224
Net debt (as of end of period)	17,450	13,001	15,009	13,233	17,450
<b>Net-debt-to-equity ratio (as of end of period)</b>	<b>34.0%</b>	<b>26.1%</b>	<b>30.2%</b>	<b>26.1%</b>	<b>34.0%</b>
Shares outstanding (as of end of period) <sup>(2)</sup>	2,425,767,953	2,471,775,836	2,471,961,256	2,425,195,824	2,425,767,953
Fully-diluted weighted-average number of shares <sup>(2)</sup>	2,312,304,652	2,335,829,836	2,322,963,061	2,302,286,798	2,288,140,117
Number of shares bought back during the period <sup>(2)</sup>	78,220,684 <sup>(3)</sup>	22,000,000	20,000,000	22,295,684 <sup>(3)</sup>	13,925,000
Share buybacks (B\$)	5.2	1.5	1.3	1.6	1.0

(1) Adjusted income (adjusted operating income, adjusted net operating income and adjusted net income) is defined as income using replacement cost, adjusted for special items and excluding TOTAL's equity share of adjustments and, from 2009, selected items related to Sanofi-Aventis. See details of adjustments item to operating and net income on pages 21 to 23.

(2) 2005 number of shares was adjusted following the four-for-one stock split of May 18, 2006. Not calculated using IFRS rules.

(3) Including 2,295,684 shares to cover restricted stocks grants for Group employees.

(4) Including 2,296,000 shares to cover restricted stocks grants for Group employees.

(5) Dollar amounts represent euro amounts converted at the average €-\$ exchange rate for the period for statement of income and cash flows statement items and at year-end €-\$ exchange rate for balance sheet items.

(6) The number of ADR was adjusted following the change in ADR ratio. One TOTAL ADR corresponds to one TOTAL share.



# CORPORATE

2005 Full Year	1st	Quarters		
		2nd	3rd	4th
<b>23,468</b>	<b>5,364</b>	<b>5,448</b>	<b>6,288</b>	<b>6,368</b>
18,421	4,010	4,212	5,199	5,000
3,899	891	944	981	1,083
1,148	463	292	108	285
<b>11,912</b>	<b>2,815</b>	<b>2,836</b>	<b>3,008</b>	<b>3,253</b>
8,029	1,808	1,887	2,202	2,132
2,916	678	733	706	799
967	329	216	100	322
<b>12,003</b>	<b>2,919</b>	<b>2,906</b>	<b>3,126</b>	<b>3,052</b>
5.08	1.22	1.23	1.33	1.30
<b>12,273</b>	<b>3,208</b>	<b>3,079</b>	<b>3,645</b>	<b>2,341</b>
40,647	35,052	36,609	39,725	40,647
12,617	7,959	10,830	9,839	12,617
<b>32.0%</b>	<b>23.9%</b>	<b>30.3%</b>	<b>25.6%</b>	<b>32.0%</b>
2,460,465,184	2,543,346,332	2,543,764,812	2,490,255,556	2,460,465,184
2,362,028,860	2,384,441,608	2,364,446,096	2,351,808,648	2,345,869,048
73,274,000 <sup>(4)</sup>	19,480,000	27,400,000	15,894,000 <sup>(4)</sup>	10,500,000
3.5	0.8	1.3	0.8	0.6

2005 Full Year	1st	Quarters		
		2nd	3rd	4th
<b>29,197</b>	<b>7,034</b>	<b>6,862</b>	<b>7,671</b>	<b>7,568</b>
22,918	5,259	5,305	6,343	5,942
4,851	1,168	1,189	1,197	1,288
1,429	607	368	131	339
<b>14,820</b>	<b>3,692</b>	<b>3,572</b>	<b>3,669</b>	<b>3,866</b>
9,989	2,371	2,377	2,687	2,534
3,628	889	923	861	950
1,203	431	272	122	383
<b>14,933</b>	<b>3,828</b>	<b>3,660</b>	<b>3,814</b>	<b>3,627</b>
6.32	1.61	1.55	1.62	1.55
<b>15,269</b>	<b>4,207</b>	<b>3,878</b>	<b>4,447</b>	<b>2,783</b>
47,963	45,568	44,297	47,670	47,963
14,888	10,347	13,104	11,807	14,888
<b>32.0%</b>	<b>23.9%</b>	<b>30.3%</b>	<b>25.6%</b>	<b>32.0%</b>
2,460,465,184	2,543,346,332	2,543,764,812	2,490,255,556	2,460,465,184
2,362,028,860	2,384,441,608	2,364,446,096	2,351,808,648	2,345,869,048
73,274,000 <sup>(4)</sup>	19,480,000	27,400,000	15,894,000 <sup>(4)</sup>	10,500,000
4.4	1.1	1.7	1.0	0.8



## Operational highlights by quarter

Under IFRS rules for discontinued operations, the 2005 income statements with the exception of net income have been restated to exclude the contribution of Arkema.

	2009 Full Year	Quarters				2008 Full Year	Quarters			
		1st	2nd	3rd	4th		1st	2nd	3rd	4th
<b>Upstream</b>										
<b>Entitlement production (kboe/d)</b>	<b>2,281</b>	<b>2,322</b>	<b>2,182</b>	<b>2,243</b>	<b>2,377</b>	<b>2,341</b>	<b>2,426</b>	<b>2,353</b>	<b>2,231</b>	<b>2,354</b>
Liquids (kb/d)	1,381	1,413	1,328	1,379	1,434	1,456	1,511	1,471	1,409	1,434
Gas (Mcf/d)	4,923	4,957	4,686	4,726	5,320	4,837	4,988	4,772	4,471	5,127
<b>Downstream</b>										
<b>Refinery throughput (kb/d)</b>	<b>2,151</b>	<b>2,236</b>	<b>2,175</b>	<b>2,142</b>	<b>2,055</b>	<b>2,362</b>	<b>2,389</b>	<b>2,297</b>	<b>2,393</b>	<b>2,371</b>
<b>Chemicals</b>										
<b>Sales (M€) <sup>(1)</sup></b>	<b>14,726</b>	<b>3,212</b>	<b>3,695</b>	<b>3,900</b>	<b>3,919</b>	<b>20,150</b>	<b>5,234</b>	<b>5,478</b>	<b>5,426</b>	<b>4,012</b>
Base Chemicals <sup>(1)</sup>	8,655	1,775	2,177	2,329	2,374	13,176	3,421	3,633	3,675	2,447
Specialties <sup>(1)</sup>	6,071	1,437	1,518	1,571	1,545	6,974	1,813	1,845	1,751	1,565

## Market environment and price realizations

	2009 Full Year	Quarters				2008 Full Year	Quarters			
		1st	2nd	3rd	4th		1st	2nd	3rd	4th
<b>Market environment</b>										
Average euro-dollar (\$/€)	1.39	1.30	1.36	1.43	1.48	1.47	1.50	1.56	1.51	1.32
Brent price (\$/b)	61.7	44.5	59.1	68.1	74.5	97.3	96.7	121.2	115.1	55.5
Average refining margins (\$/ton) - ERMI <sup>(2)</sup>	17.8	30.5	17.1	12.0	11.7	51.1	37.1	69.3	57.1	40.9
Average refining margins (\$/b) - ERMI <sup>(2)</sup>	2.4	4.1	2.3	1.6	1.6	6.9	5.0	9.3	7.7	5.5
Average refining margins (\$/ton) - TRCV <sup>(3)</sup>	14.8	34.7	12.4	6.6	5.7	37.8	24.6	40.2	45.0	41.4
Average refining margins (\$/b) - TRCV <sup>(3)</sup>	2.0	4.7	1.7	0.9	0.8	5.1	3.3	5.5	6.1	5.6
<b>Price realizations <sup>(4)</sup></b>										
TOTAL average liquids price (\$/b) <sup>(5)</sup>	58.1	41.5	54.8	65.1	70.6	91.1	90.7	114.9	107.8	49.4
TOTAL average gas price (\$/MBtu)	5.17	6.0	4.7	4.9	5.1	7.38	6.67	7.29	8.05	7.57

(1) Excluding inter-segment sales.

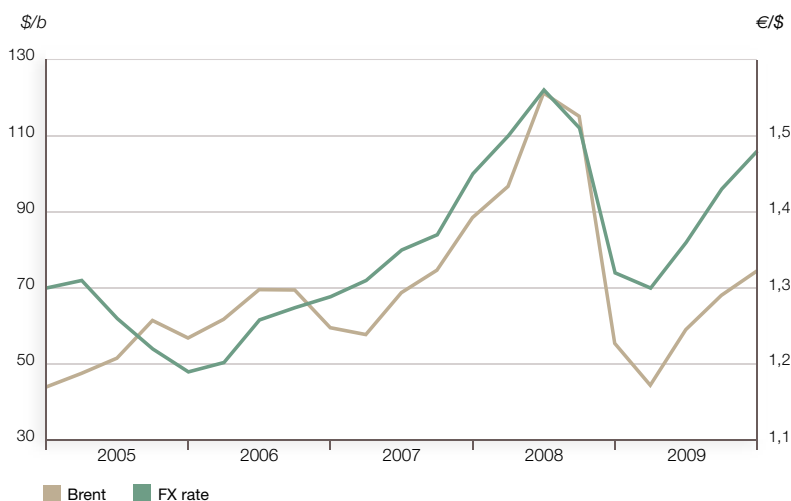
(2) ERMI, TOTAL's European Refining Margin Indicator after variable costs; published quarterly by the Group since January 2010, replaces the TRCV index.

(3) TRCV (Topping, Reforming, Cracking, Visbreaking) was the previous TOTAL's European Refining Margin Indicator.

(4) Consolidated subsidiaries excluding fixed margin and buy-back contracts.

(5) Crude oil and natural gas liquids.

### ENVIRONMENT (average per quarter)







2007 Full Year	Quarters			
	1st	2nd	3rd	4th
<b>2,391</b>	<b>2,431</b>	<b>2,322</b>	<b>2,352</b>	<b>2,461</b>
1,509	1,551	1,475	1,481	1,530
4,839	4,781	4,599	4,741	5,223
<b>2,413</b>	<b>2,421</b>	<b>2,354</b>	<b>2,471</b>	<b>2,399</b>
<b>19,805</b>	<b>4,954</b>	<b>5,022</b>	<b>4,950</b>	<b>4,879</b>
12,558	3,111	3,151	3,162	3,134
7,247	1,843	1,871	1,788	1,745

2006 Full Year	Quarters			
	1st	2nd	3rd	4th
<b>2,356</b>	<b>2,440</b>	<b>2,290</b>	<b>2,294</b>	<b>2,403</b>
1,506	1,560	1,466	1,485	1,513
4,674	4,795	4,501	4,411	4,989
<b>2,454</b>	<b>2,421</b>	<b>2,432</b>	<b>2,533</b>	<b>2,435</b>
<b>19,239</b>	<b>4,686</b>	<b>4,948</b>	<b>4,852</b>	<b>4,753</b>
12,131	2,861	3,111	3,133	3,026
7,108	1,825	1,837	1,719	1,727

2005 Full Year	Quarters			
	1st	2nd	3rd	4th
<b>2,489</b>	<b>2,562</b>	<b>2,506</b>	<b>2,428</b>	<b>2,463</b>
1,621	1,657	1,630	1,607	1,592
4,780	4,945	4,797	4,491	4,896
<b>2,410</b>	<b>2,626</b>	<b>2,219</b>	<b>2,379</b>	<b>2,420</b>
<b>16,725</b>	<b>4,117</b>	<b>4,136</b>	<b>4,184</b>	<b>4,288</b>
10,199	2,559	2,452	2,556	2,631
6,526	1,558	1,684	1,628	1,657

2007 Full Year	Quarters			
	1st	2nd	3rd	4th
1.37	1.31	1.35	1.37	1.45
72.4	57.8	68.8	74.7	88.5
32.5	33.0	42.8	23.9	30.1
4.4	4.5	5.8	3.3	4.1
68.9	55.0	65.7	71.4	84.5
5.40	5.69	4.94	4.83	6.08

2006 Full Year	Quarters			
	1st	2nd	3rd	4th
1.26	1.20	1.26	1.27	1.29
65.1	61.8	69.6	69.5	59.6
28.9	25.8	38.3	28.7	22.8
3.9	3.5	5.2	3.9	3.1
61.8	58.8	66.2	65.4	57.1
5.91	6.16	5.75	5.59	6.16

2005 Full Year	Quarters			
	1st	2nd	3rd	4th
1.24	1.31	1.26	1.22	1.19
54.5	47.6	51.6	61.5	56.9
41.6	31.7	45.0	44.3	45.5
5.7	4.3	6.1	6.0	6.2
51.0	44.1	48.0	57.8	54.5
4.77	4.40	4.39	4.65	5.68



## Consolidated statement of income

Under IFRS rules for discontinued operations, the 2005 income statements with the exception of net income have been restated to exclude the contribution of Arkema.

For the year ended December 31,

(in million euros, except per share amounts)

	2009	2008	2007	2006	2005
<b>Sales</b>	<b>131,327</b>	<b>179,976</b>	<b>158,752</b>	<b>153,802</b>	<b>137,607</b>
Excise taxes	(19,174)	(19,645)	(21,928)	(21,113)	(20,550)
Revenues from sales	112,153	160,331	136,824	132,689	117,057
Purchases, net of inventory variation	(71,058)	(111,024)	(87,807)	(83,334)	(70,291)
Other operating expenses	(18,591)	(19,101)	(17,414)	(19,536)	(17,159)
Exploration costs	(698)	(764)	(877)	(634)	(431)
Depreciation, depletion, and amortization of tangible assets and mineral interests	(6,682)	(5,755)	(5,425)	(5,055)	(5,007)
Other income	314	369	674	789	174
Other expense	(600)	(554)	(470)	(703)	(455)
Financial interest on debt	(530)	(1,000)	(1,783)	(1,731)	(1,214)
Financial income from marketable securities and cash equivalents	132	473	1,244	1,367	927
Cost of net debt	(398)	(527)	(539)	(364)	(287)
Other financial income	643	728	643	592	396
Other financial expense	(345)	(325)	(274)	(277)	(260)
Equity in income (loss) of affiliates	1,642	1,721	1,775	1,693	1,173
Income taxes	(7,751)	(14,146)	(13,575)	(13,720)	(11,806)
<b>Net income from continuing operations (Group without Arkema)</b>	<b>8,629</b>	<b>10,953</b>	<b>13,535</b>	<b>12,140</b>	<b>13,104</b>
Net income from discontinued operations (Arkema)	–	–	–	(5)	(461)
<b>Consolidated net income</b>	<b>8,629</b>	<b>10,953</b>	<b>13,535</b>	<b>12,135</b>	<b>12,643</b>
Group share	8,447	10,590	13,181	11,768	12,273
Minority interests	182	363	354	367	370
Earnings per share (€) <sup>(1)</sup>	3.79	4.74	5.84	5.13	5.23
Fully-diluted earnings per share (€) <sup>(1)</sup>	3.78	4.71	5.80	5.09	5.20
<b>Adjusted net income</b>	<b>7,784</b>	<b>13,920</b>	<b>12,203</b>	<b>12,585</b>	<b>12,003</b>
<b>Adjusted fully-diluted earnings per share (€)<sup>(1)</sup></b>	<b>3.48</b>	<b>6.20</b>	<b>5.37</b>	<b>5.44</b>	<b>5.08</b>

(1) 2005 amounts are recalculated to reflect the four-one stock split that took place on May, 2006. The earnings per share from continuing and discontinued operations are disclosed in Note 34 to the Consolidated Financial Statements.



## Consolidated statement of income

Under IFRS rules for discontinued operations, the 2005 income statements with the exception of net income have been restated to exclude the contribution of Arkema.

For the year ended December 31,

(in million dollars, except per share amounts) <sup>(1)</sup>

	2009	2008	2007	2006	2005
<b>Sales</b>	<b>183,175</b>	<b>264,709</b>	<b>217,554</b>	<b>193,114</b>	<b>171,197</b>
Excise taxes	(26,744)	(28,894)	(30,050)	(26,509)	(25,566)
Revenues from sales	156,431	235,815	187,504	166,604	145,631
Purchases, net of inventory variation	(99,112)	(163,294)	(120,331)	(104,634)	(87,449)
Other operating expenses	(25,931)	(28,094)	(23,864)	(24,529)	(21,348)
Exploration costs	(974)	(1,124)	1,202	(796)	(536)
Depreciation, depletion, and amortization of tangible assets and mineral interest	(9,320)	(8,464)	(7,434)	(6,347)	(6,229)
Other income	438	543	924	991	216
Other expense	(837)	(815)	(644)	(883)	(566)
Financial interest on debt	(739)	(1,471)	(2,443)	(2,173)	(1,510)
Financial income from marketable securities and cash equivalents	184	696	1,705	1,716	1,153
Cost of net debt	(555)	(775)	(739)	(457)	(357)
Other financial income	897	1,071	881	743	493
Other financial expense	(481)	(478)	(375)	(348)	(323)
Equity in income (loss) of affiliates	2,290	2,531	2,432	2,126	1,459
Income taxes	(10,811)	(20,806)	(18,603)	(17,227)	(14,688)
<b>Net income from continuing operations (Group without Arkema)</b>	<b>12,036</b>	<b>16,110</b>	<b>18,548</b>	<b>15,243</b>	<b>16,303</b>
Net income from discontinued operations (Arkema)	–	–	–	(6)	(574)
<b>Consolidated net income</b>	<b>12,036</b>	<b>16,110</b>	<b>18,548</b>	<b>15,237</b>	<b>15,729</b>
Group share	11,782	15,576	18,063	14,776	15,269
Minority interests	254	534	485	461	460
Earnings per share (\$) <sup>(2)</sup>	5.29	6.97	8.00	6.44	6.51
Fully-diluted earnings per share (\$) <sup>(2)</sup>	5.27	6.93	7.94	6.39	6.46
<b>Adjusted net income</b>	<b>10,857</b>	<b>20,473</b>	<b>16,724</b>	<b>15,802</b>	<b>14,933</b>
<b>Adjusted fully-diluted earnings per share (\$) <sup>(2)</sup></b>	<b>4.85</b>	<b>9.12</b>	<b>7.36</b>	<b>6.83</b>	<b>6.32</b>

(1) Dollar amounts represent euro amounts converted at the average €-\$ exchange rate for the period.

(2) 2005 amounts are recalculated to reflect the four-one stock split that took place on May, 2006. The earnings per share from continuing and discontinued operations are disclosed in Note 34 to the Consolidated Financial Statements.



## Sales

(in millions)	2009 <sup>(1)</sup> \$	2009 €	2008 €	2007 €	2006 €	2005 <sup>(2)</sup> €
<b>By business segment excluding inter-segment sales</b>						
Upstream	22,417	16,072	24,256	19,706	20,782	20,888
Downstream	140,203	100,518	135,524	119,212	113,887	99,934
Chemicals	20,540	14,726	20,150	19,805	19,113	16,765
Corporate	15	11	46	29	20	20
<b>Total</b>	<b>183,175</b>	<b>131,327</b>	<b>179,976</b>	<b>158,752</b>	<b>153,802</b>	<b>137,607</b>
<b>By business segment including inter-segment sales</b>						
Upstream	44,676	32,030	49,388	40,879	41,385	40,027
Downstream	145,483	104,304	141,098	124,337	118,814	104,227
Chemicals	21,565	15,461	21,402	20,995	20,282	17,367
Corporate	233	167	166	210	197	190
Inter-segment sales	(28,782)	(20,635)	(32,078)	(27,669)	(26,876)	(24,204)
<b>Total</b>	<b>183,175</b>	<b>131,327</b>	<b>179,976</b>	<b>158,752</b>	<b>153,802</b>	<b>137,607</b>
<b>By geographic area excluding inter-segment sales</b>						
France	45,243	32,437	43,616	37,949	36,890	34,362
Rest of Europe	83,883	60,140	82,761	73,757	70,992	53,727
North America	13,272	9,515	14,002	12,404	13,031	17,663
Africa	13,680	9,808	12,482	10,401	10,086	8,304
Rest of world	27,097	19,427	27,115	24,241	22,803	23,551
<b>Total</b>	<b>183,175</b>	<b>131,327</b>	<b>179,976</b>	<b>158,752</b>	<b>153,802</b>	<b>137,607</b>

## Depreciation, depletion & amortization of tangible assets and mineral interest by business segment

(including special items asset impairment charges)

As of December 31, (in millions)	2009 <sup>(1)</sup> \$	2009 €	2008 €	2007 €	2006 €	2005 <sup>(2)</sup> €
Upstream	6,165	4,420	4,005	3,679	3,319	3,331
Downstream	2,248	1,612	1,202	1,218	1,120	1,064
Chemicals	858	615	518	495	580	579
Corporate	49	35	30	33	36	33
<b>Total</b>	<b>9,320</b>	<b>6,682</b>	<b>5,755</b>	<b>5,425</b>	<b>5,055</b>	<b>5,007</b>

## Equity in income/(loss) of affiliates by business segment

As of December 31, (in millions)	2009 <sup>(1)</sup> \$	2009 €	2008 €	2007 €	2006 €	2005 <sup>(2)</sup> €
Upstream	1,198	859	1,178	741	646	435
Downstream	304	218	(47)	266	273	356
Chemicals	110	79	75	80	71	82
Corporate	678	486	515	688	703	300
<b>Total</b>	<b>2,290</b>	<b>1,642</b>	<b>1,721</b>	<b>1,775</b>	<b>1,693</b>	<b>1,173</b>

(1) Dollar amounts represent euro amounts converted at the average €-\$ exchange rate for the period.

(2) The 2005 income statements with the exception of net income have been restated to exclude the contribution of Arkema.



## Adjustments items to operating income by business segment

(in million euros)

	Upstream	Downstream	Chemicals	Corporate	Total
<b>YEAR 2009</b>					
Inventory valuation effect	-	1,816	389	-	2,205
Restructuring charges	-	-	-	-	-
Impairments	(4)	(347)	(40)	-	(391)
Other	(17)	(258)	(45)	-	(320)
<b>Total</b>	<b>(21)</b>	<b>1,211</b>	<b>304</b>	<b>-</b>	<b>1,494</b>
<b>YEAR 2008</b>					
Inventory valuation effect	-	(2,776)	(727)	-	(3,503)
Restructuring charges	-	-	-	-	-
Impairments	(171)	-	(6)	-	(177)
Other	-	-	(198)	-	(198)
<b>Total</b>	<b>(171)</b>	<b>(2,776)</b>	<b>(931)</b>	<b>-</b>	<b>(3,878)</b>
<b>YEAR 2007</b>					
Inventory valuation effect	-	1,529	301	-	1,830
Restructuring charges	-	-	-	-	-
Impairments	-	(43)	(4)	-	(47)
Other	(11)	51	(28)	-	12
<b>Total</b>	<b>(11)</b>	<b>1,537</b>	<b>269</b>	<b>-</b>	<b>1,795</b>
<b>YEAR 2006</b>					
Inventory valuation effect	-	(272)	(42)	-	(314)
Restructuring charges	-	-	(25)	-	(25)
Impairments	-	-	(61)	-	(61)
Other	-	-	(91)	(27)	(118)
<b>Total</b>	<b>-</b>	<b>(272)</b>	<b>(219)</b>	<b>(27)</b>	<b>(518)</b>
<b>YEAR 2005 <sup>(1)</sup></b>					
Inventory valuation effect	-	1,197	68	-	1,265
Restructuring charges	-	-	(19)	-	(19)
Impairments	-	-	(71)	-	(71)
Other	-	-	(7)	-	(7)
<b>Total</b>	<b>-</b>	<b>1,197</b>	<b>(29)</b>	<b>-</b>	<b>1,168</b>

(1) The 2005 income statements with the exception of net income have been restated to exclude the contribution of Arkema.



Log on to  
[www.total.com](http://www.total.com)

Download  
all the tables from 1998  
to 2009 in Excel format





## Adjustments items to net income by business segment

<i>(in million euros)</i>	Upstream	Downstream	Chemicals	Corporate	Total
<b>YEAR 2009</b>					
Inventory valuation effect	–	1,279	254	–	1,533
Restructuring charges	–	(27)	(102)	–	(129)
Impairments	(52)	(253)	(28)	–	(333)
Equity share of special items recorded by Sanofi-Aventis	–	–	–	–	–
Early retirement plans	–	–	–	–	–
Gains/(losses) on asset sales	–	–	–	179	179
Toulouse-AZF plant	–	–	–	–	–
Other	(112)	(182)	7	–	(287)
Total's equity share of amortization of intangible assets related to Sanofi-Aventis merger and selected items related to Sanofi-Aventis	–	–	–	(300)	(300)
<b>Total</b>	<b>(164)</b>	<b>817</b>	<b>131</b>	<b>(121)</b>	<b>663</b>
<b>YEAR 2008</b>					
Inventory valuation effect	–	(1,949)	(503)	–	(2,452)
Restructuring charges	–	(47)	(22)	–	(69)
Impairments	(172)	(26)	(7)	–	(205)
Equity share of special items recorded by Sanofi-Aventis	–	–	–	–	–
Early retirement plans	–	–	–	–	–
Gains/(losses) on asset sales	130	–	–	84	214
Toulouse-AZF plant	–	–	(95)	–	(95)
Other	(236)	–	(56)	(38)	(330)
Total's equity share of amortization of intangible assets related to Sanofi-Aventis merger	–	–	–	(393)	(393)
<b>Total</b>	<b>(278)</b>	<b>(2,022)</b>	<b>(683)</b>	<b>(347)</b>	<b>(3,330)</b>
<b>YEAR 2007</b>					
Inventory valuation effect	–	1,084	201	–	1,285
Restructuring charges	–	(20)	(15)	–	(35)
Impairments	(93)	(61)	(8)	–	(162)
Equity share of special items recorded by Sanofi-Aventis	–	–	–	75	75
Early retirement plans	–	–	–	–	–
Gains/(losses) on asset sales	89	101	–	116	306
Toulouse-AZF plant	–	–	–	–	–
Other	(8)	(27)	(38)	(100)	(173)
Total's equity share of amortization of intangible assets related to Sanofi-Aventis merger	–	–	–	(318)	(318)
<b>Total</b>	<b>(12)</b>	<b>1,077</b>	<b>140</b>	<b>(227)</b>	<b>978</b>



(in million euros)

	Upstream	Downstream	Chemicals	Corporate	Total
<b>YEAR 2006</b>					
Inventory valuation effect	-	(330)	(28)	-	(358)
Restructuring charges	-	-	(154)	-	(154)
Impairments	-	-	(40)	-	(40)
Equity share of special items recorded by Sanofi-Aventis	-	-	-	(81)	(81)
Early retirement plans	-	-	-	-	-
Gains/(losses) on asset sales	130	174	-	-	304
Toulouse-AZF plant	-	-	(67)	-	(67)
Other	(71)	-	(105)	64	(112)
Total's equity share of amortization of intangible assets related to Sanofi-Aventis merger	-	-	-	(309)	(309)
<b>Total</b>	<b>59</b>	<b>(156)</b>	<b>(394)</b>	<b>(326)</b>	<b>(817)</b>

**YEAR 2005**

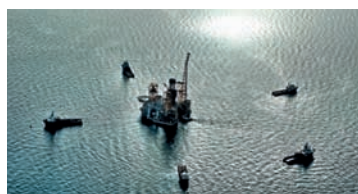
Inventory valuation effect	-	1,022	50	-	1,072
Restructuring charges	-	-	(130)	-	(130)
Impairments	-	-	(215)	-	(215)
Equity share of special items recorded by Sanofi-Aventis	-	-	-	(207)	(207)
Early retirement plans	-	-	-	-	-
Gains/(losses) on asset sales	-	-	-	-	-
Toulouse-AZF plant	-	-	(67)	-	(67)
Other	-	-	(434)	586	152
Total's equity share of amortization of intangible assets related to Sanofi-Aventis merger	-	-	-	(335)	(335)
<b>Total</b>	<b>-</b>	<b>1,022</b>	<b>(796)</b>	<b>44</b>	<b>270</b>

## Income taxes <sup>(1)</sup>

(in millions)

	2009 \$	2009 €	2008 €	2007 €	2006 €	2005 €
Current income taxes	(10,061)	(7,213)	(14,117)	(12,141)	(12,997)	(11,362)
Deferred income taxes	(750)	(538)	(29)	(1,434)	(723)	(444)
<b>Income taxes</b>	<b>(10,811)</b>	<b>(7,751)</b>	<b>(14,146)</b>	<b>(13,575)</b>	<b>(13,720)</b>	<b>(11,806)</b>

(1) The Group files a worldwide consolidated tax return. Dollar amounts represent euro amounts converted at the average €-\$ exchange rate for the period.

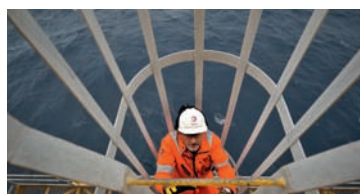


## Consolidated balance sheet

As of December 31,

(in million euros)

	2009	2008	2007	2006	2005
<b>ASSETS</b>					
<b>Non-current assets</b>					
Intangible assets, net	7,514	5,341	4,650	4,705	4,384
Property, plant and equipment, net	51,590	46,142	41,467	40,576	40,568
Equity affiliates: investments and loans	13,624	14,668	15,280	13,331	12,652
Other investments	1,162	1,165	1,291	1,250	1,516
Hedging instruments of non-current financial debt	1,025	892	460	486	477
Other non-current assets	3,081	3,044	2,155	2,088	2,794
<b>Total non-current assets</b>	<b>77,996</b>	<b>71,252</b>	<b>65,303</b>	<b>62,436</b>	<b>62,391</b>
<b>Current assets</b>					
Inventories, net	13,867	9,621	13,851	11,746	12,690
Accounts receivable, net	15,719	15,287	19,129	17,393	19,612
Other current assets	8,198	9,642	8,006	7,247	6,799
Current financial instruments	311	187	1,264	3,908	334
Cash and cash equivalents	11,662	12,321	5,988	2,493	4,318
<b>Total current assets</b>	<b>49,757</b>	<b>47,058</b>	<b>48,238</b>	<b>42,787</b>	<b>43,753</b>
<b>TOTAL ASSETS</b>	<b>127,753</b>	<b>118,310</b>	<b>113,541</b>	<b>105,223</b>	<b>106,144</b>
<b>LIABILITIES AND SHAREHOLDERS' EQUITY</b>					
<b>Shareholders' equity</b>					
Common shares	5,871	5,930	5,989	6,064	6,151
Paid-in surplus and retained earnings	55,372	52,947	48,797	41,460	37,504
Currency translation adjustment	(5,069)	(4,876)	(4,396)	(1,383)	1,421
Treasury shares	(3,622)	(5,009)	(5,532)	(5,820)	(4,431)
<b>Total shareholders' equity - Group share</b>	<b>52,552</b>	<b>48,992</b>	<b>44,858</b>	<b>40,321</b>	<b>40,645</b>
Minority interests and subsidiaries' redeemable preferred shares	987	958	842	827	838
<b>Total shareholders' equity</b>	<b>53,539</b>	<b>49,950</b>	<b>45,700</b>	<b>41,148</b>	<b>41,483</b>
<b>Non-current liabilities</b>					
Deferred income taxes	8,948	7,973	7,933	7,139	6,976
Employee benefits	2,040	2,011	2,527	2,773	3,413
Provisions and other non-current liabilities	9,381	7,858	6,843	6,467	7,051
<b>Total non-current liabilities</b>	<b>20,369</b>	<b>17,842</b>	<b>17,303</b>	<b>16,379</b>	<b>17,440</b>
<b>Non-current financial debt</b>	<b>19,437</b>	<b>16,191</b>	<b>14,876</b>	<b>14,174</b>	<b>13,793</b>
<b>Current liabilities</b>					
Accounts payable	15,383	14,815	18,183	15,080	16,406
Other creditors and accrued liabilities	11,908	11,632	12,806	12,509	13,069
Current borrowings	6,994	7,722	4,613	5,858	3,920
Other current financial liabilities	123	158	60	75	33
<b>Total current liabilities</b>	<b>34,408</b>	<b>34,327</b>	<b>35,662</b>	<b>33,522</b>	<b>33,428</b>
<b>TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY</b>	<b>127,753</b>	<b>118,310</b>	<b>113,541</b>	<b>105,223</b>	<b>106,144</b>



## Consolidated balance sheet

As of December 31,  
(in million dollars) <sup>(1)</sup>

	2009	2008	2007	2006	2005
<b>ASSETS</b>					
<b>Non-current assets</b>					
Intangible assets, net	10,825	7,433	6,845	6,196	5,172
Property, plant and equipment, net	74,320	64,216	61,044	53,439	47,858
Equity affiliates: investments and loans	19,627	20,413	22,494	17,557	14,926
Other investments	1,674	1,621	1,900	1,646	1,788
Hedging instruments of non-current financial debt	1,477	1,241	677	640	563
Other non-current assets	4,438	4,236	3,172	2,750	3,296
<b>Total non-current assets</b>	<b>112,361</b>	<b>99,161</b>	<b>96,133</b>	<b>82,228</b>	<b>73,603</b>
<b>Current assets</b>					
Inventories, net	19,977	13,390	20,390	15,469	14,970
Accounts receivable, net	22,645	21,275	28,160	22,907	23,136
Other current assets	11,810	13,419	11,786	9,544	8,021
Current financial instruments	448	260,248	1,861	5,147	394
Cash and cash equivalents	16,800	17,147	8,815	3,283	5,094
<b>Total current assets</b>	<b>71,680</b>	<b>65,491</b>	<b>71,011</b>	<b>56,350</b>	<b>51,615</b>
<b>TOTAL ASSETS</b>	<b>184,041</b>	<b>164,652</b>	<b>167,144</b>	<b>138,579</b>	<b>125,218</b>
<b>LIABILITIES AND SHAREHOLDERS' EQUITY</b>					
<b>Shareholders' equity</b>					
Common shares	8,458	8,253	8,816	7,986	7,256
Paid-in surplus and retained earnings	79,769	73,686	71,834	54,603	44,243
Currency translation adjustment	(7,303)	(6,786)	(6,471)	(1,821)	1,676
Treasury shares	(5,218)	(6,971)	(8,144)	(7,665)	(5,227)
<b>Total shareholders' equity - Group share</b>	<b>75,706</b>	<b>68,182</b>	<b>66,035</b>	<b>53,103</b>	<b>47,949</b>
Minority interests and subsidiaries' redeemable preferred shares	1,422	1,333	1,240	1,089	989
<b>Total shareholders' equity</b>	<b>77,128</b>	<b>69,515</b>	<b>67,275</b>	<b>54,192</b>	<b>48,937</b>
<b>Non-current liabilities</b>					
Deferred income taxes	12,891	11,096	11,678	9,402	8,230
Employee benefits	2,939	2,799	3,720	3,652	4,026
Provisions and other non-current liabilities	13,514	10,936	10,074	8,517	8,318
<b>Total non-current liabilities</b>	<b>29,344</b>	<b>24,831</b>	<b>25,472</b>	<b>21,571</b>	<b>20,574</b>
<b>Non-current financial debt</b>	<b>28,001</b>	<b>22,533</b>	<b>21,899</b>	<b>18,667</b>	<b>16,272</b>
<b>Current liabilities</b>					
Accounts payable	22,161	20,618	26,767	19,860	19,354
Other creditors and accrued liabilities	17,155	16,188	18,852	16,474	15,417
Current borrowings	10,075	10,747	6,791	7,715	4,624
Current financial liabilities	177	220	88	99	39
<b>Total current liabilities</b>	<b>49,568</b>	<b>47,773</b>	<b>52,498</b>	<b>44,148</b>	<b>39,435</b>
<b>TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY</b>	<b>184,041</b>	<b>164,652</b>	<b>167,144</b>	<b>138,579</b>	<b>125,218</b>

(1) Dollar amounts represent euro amounts converted at year-end €-\$ exchange rate.





## Net tangible & intangible assets by business segment

As of December 31, (in millions)	2009 <sup>(1)</sup> \$	2009 €	2008 €	2007 €	2006 €	2005 €
<b>Upstream</b>						
Tangibles	54,802	38,041	33,208	29,375	28,716	27,369
Intangibles	8,580	5,956	3,882	3,160	3,159	2,771
<b>Downstream</b>						
Tangibles	13,088	9,085	8,403	7,810	7,673	7,492
Intangibles	724	503	420	498	538	524
<b>Chemicals</b>						
Tangibles	6,156	4,273	4,351	4,114	4,016	5,517
Intangibles	1,405	975	972	947	967	1,050
<b>Corporate</b>						
Tangibles	275	191	180	168	171	190
Intangibles	115	80	67	45	41	39
<b>Total</b>	<b>85,145</b>	<b>59,104</b>	<b>51,483</b>	<b>46,117</b>	<b>45,281</b>	<b>44,952</b>

## Property, plant & equipment

As of December 31, (in millions)	2009 <sup>(1)</sup> \$	2009 €	2008 €	2007 €	2006 €	2005 €
Proved properties	37,980	26,364	22,412	21,389	20,852	20,334
Unproved properties	261	181	105	47	19	7
Work in progress	14,838	10,300	9,586	7,010	7,058	6,107
<b>Total Upstream properties</b>	<b>53,079</b>	<b>36,845</b>	<b>32,103</b>	<b>28,446</b>	<b>27,929</b>	<b>26,448</b>
Land	1,474	1,023	1,017	1,043	1,105	1,254
Machinery, plant and equipment (including transportation equipment)	10,123	7,027	6,877	6,458	6,593	6,834
Buildings	3,507	2,435	2,298	2,075	2,103	2,374
Construction in progress	3,773	2,619	2,216	1,828	1,214	1,451
Other	2,364	1,641	1,631	1,617	1,632	2,207
<b>Total other property, plant and equipment</b>	<b>21,242</b>	<b>14,745</b>	<b>14,039</b>	<b>13,021</b>	<b>12,647</b>	<b>14,120</b>
<b>Total<sup>(2)</sup></b>	<b>74,320</b>	<b>51,590</b>	<b>46,142</b>	<b>41,467</b>	<b>40,576</b>	<b>40,568</b>

## Non-current assets by business segment

As of December 31, (in millions)	2009 <sup>(1)</sup> \$	2009 €	2008 €	2007 €	2006 €	2005 €
Upstream	75,055	52,100	44,721	39,304	36,772	34,771
Downstream	18,819	13,063	11,951	11,596	11,198	10,977
Chemicals	9,725	6,751	6,762	6,245	6,173	8,148
Corporate <sup>(3)</sup>	7,285	5,057	6,926	8,158	8,293	8,495
<b>Total</b>	<b>110,884</b>	<b>76,971</b>	<b>70,360</b>	<b>65,303</b>	<b>62,436</b>	<b>62,391</b>

(1) Dollar amounts represent euro amounts converted at year-end €-\$ exchange rate.

(2) As of December 31, 2009, accumulated depreciation, depletion and amortization amounted to 69,832 M€.

(3) Financial instruments held for hedging of non-current financial debt purposes are classified in Corporate.



## Non-current debt analysis

As of December 31,

(in million euros,  
except percent)

	2009	%	2008	%	2007	%	2006	%	2005	%
<b>Loan repayment schedule</b>										
2006	–	–	–	–	–	–	–	–	–	–
2007	–	–	–	–	–	–	–	–	2,673	20%
2008	–	–	–	–	–	–	2,359	17%	2,139	16%
2009	–	–	–	–	2,023	14%	2,238	16%	2,309	17%
2010	–	–	2,992	20%	2,560	18%	2,979	22%	1,936	15%
2011	3,658	20%	3,658	24%	3,354	23%	3,157	23%	4,259 <sup>(1)</sup>	32%
2012	3,277	18%	3,324	22%	3,487	24%	2,955 <sup>(2)</sup>	22%	–	–
2013	3,545	19%	3,232	21%	2,992 <sup>(3)</sup>	21%	–	–	–	–
2014	2,109	11%	2,093 <sup>(4)</sup>	13%	–	–	–	–	–	–
2015 and after	5,823	32%	–	–	–	–	–	–	–	–
<b>Total</b>	<b>18,412</b>	<b>100%</b>	<b>15,299</b>	<b>100%</b>	<b>14,416</b>	<b>100%</b>	<b>13,688</b>	<b>100%</b>	<b>13,316</b>	<b>100%</b>

(in million euros,  
except percent)

	2009	%	2008	%	2007	%	2006	%	2005	%
<b>Analysis by currency<sup>(5)</sup></b>										
Dollar	3,962	21%	3,990	26%	4,700	33%	6,981	51%	9,778	73%
Euro	14,110	77%	10,685	70%	8,067	56%	5,382	39%	2,324	18%
Other currencies	340	2%	624	4%	1,649	11%	1,325	10%	1,214	9%
<b>Total</b>	<b>18,412</b>	<b>100%</b>	<b>15,299</b>	<b>100%</b>	<b>14,416</b>	<b>100%</b>	<b>13,688</b>	<b>100%</b>	<b>13,316</b>	<b>100%</b>

(in million euros,  
except percent)

	2009	%	2008	%	2007	%	2006	%	2005	%
<b>Analysis by interest rate<sup>(5)</sup></b>										
Fixed rate	2,064	11%	633	4%	893	6%	896	7%	1,089	8%
Floating rates	16,348	89%	14,666	96%	13,523	94%	12,792	93%	12,227	92%
<b>Total</b>	<b>18,412</b>	<b>100%</b>	<b>15,299</b>	<b>100%</b>	<b>14,416</b>	<b>100%</b>	<b>13,688</b>	<b>100%</b>	<b>13,316</b>	<b>100%</b>

(1) 2011 and after.

(2) 2012 and after.

(3) 2013 and after.

(4) 2014 and after.

(5) These analyses are presented after the impact of interest rate and currency swaps.



Log on to  
[www.total.com](http://www.total.com)

Download  
all the tables from 1998  
to 2009 in Excel format



## Consolidated statement of changes in shareholders' equity

(in million euros)	Common shares issued		Paid-in surplus and retained earnings	Cumulative translation adjustments	Treasury shares		Shareholders' equity
	Number	Amount			Number	Amount	
<b>As of December 31, 2004 (French GAAP)</b>	<b>635,015,108</b>	<b>6,350</b>	<b>33,266</b>	<b>(4,653)</b>	<b>(28,932,967)</b>	<b>(3,703)</b>	<b>31,260</b>
<b>IFRS restatement as January 1, 2004 (IFRS)</b>	<b>-</b>	<b>-</b>	<b>(3,048)</b>	<b>3,268</b>	<b>(10,855,206)</b>	<b>(1,388)</b>	<b>(1,168)</b>
<b>As of January 1, 2004 (IFRS)</b>	<b>649,118,236</b>	<b>6,491</b>	<b>27,360</b>	<b>-</b>	<b>(37,112,105)</b>	<b>(4,613)</b>	<b>29,238</b>
Dividend	-	-	(4,293)	-	-	-	(4,293)
Net income 2004	-	-	10,868	-	-	-	10,868
Other comprehensive income	-	-	29	(1,429)	-	-	(1,400)
Issuance of common shares	5,770,804	58	478	-	-	-	536
Purchase of treasury shares	-	-	-	-	(22,550,000)	(3,554)	(3,554)
Sales of treasury shares	-	-	14	-	715,686	61	75
Share-based payments	-	-	138	-	-	-	138
Share cancellation	(19,873,932)	(199)	(2,877)	-	19,873,932	3,076	-
Translation adjustments	-	-	-	-	-	-	-
Other operations	-	-	-	-	-	-	-
<b>As of December 31, 2004 (IFRS)</b>	<b>635,015,108</b>	<b>6,350</b>	<b>31,717</b>	<b>(1,429)</b>	<b>(39,072,487)</b>	<b>(5,030)</b>	<b>31,608</b>
Dividend	-	-	(3,510)	-	-	-	(3,510)
Net income 2005	-	-	12,273	-	-	-	12,273
Other comprehensive income	-	-	418	2,850	-	-	3,268
Issuance of common shares	1,176,756	12	88	-	-	-	100
Purchase of treasury shares	-	-	-	-	(18,318,500)	(3,485)	(3,485)
Sales of treasury shares	-	-	34	-	2,066,087	226	260
Share-based payments	-	-	131	-	-	-	131
Share cancellation	(21,075,568)	(211)	(3,647)	-	21,075,568	3,858	-
Translation adjustments	-	-	-	-	-	-	-
Other operations	-	-	-	-	-	-	-
<b>As of December 31, 2005 (IFRS)</b>	<b>615,116,296</b>	<b>6,151</b>	<b>37,504</b>	<b>1,421</b>	<b>(34,249,332)</b>	<b>(4,431)</b>	<b>40,645</b>
Dividend	-	-	(3,999)	-	-	-	(3,999)
Net income 2006	-	-	11,768	-	-	-	11,768
Four-for-one split of shares par value	1,845,348,888	-	-	-	(102,747,996)	-	-
Spin-off of Arkema	-	-	(2,061)	(209)	-	16	(2,254)
Other comprehensive income	-	-	(37)	(2,595)	-	-	(2,632)
Issuance of common shares	12,322,769	30	469	-	-	-	499
Purchase of treasury shares	-	-	-	-	(78,220,684)	(4,095)	(4,095)
Sales of treasury shares	-	-	-	-	6,997,305	232	232
Share-based payments	-	-	157	-	-	-	157
Share cancellation	(47,020,000)	(117)	(2,341)	-	47,020,000	2,458	-
Translation adjustments	-	-	-	-	-	-	-
Other operations	-	-	-	-	-	-	-
<b>As of December 31, 2006 (IFRS)</b>	<b>2,425,767,953</b>	<b>6,064</b>	<b>41,460</b>	<b>(1,383)</b>	<b>(161,200,707)</b>	<b>(5,820)</b>	<b>40,321</b>



## Consolidated statement of changes in shareholders' equity

<i>(in million euros)</i>	Common shares issued		Paid-in surplus and retained earnings	Cumulative translation adjustments	Treasury shares		Shareholders' equity
	Number	Amount			Number	Amount	
<b>As of December 31, 2006 (IFRS)</b>	<b>2,425,767,953</b>	<b>6,064</b>	<b>41,460</b>	<b>(1,383)</b>	<b>(161,200,707)</b>	<b>(5,820)</b>	<b>40,321</b>
Dividend	–	–	(4,510)	–	–	–	(4,510)
Net income 2007	–	–	13,181	–	–	–	13,181
Other comprehensive income	–	–	117	(3,013)	–	–	(2,896)
Issuance of common shares	2,769,144	7	82	–	–	–	89
Purchase of treasury shares	–	–	–	–	(32,387,355)	(1,787)	(1,787)
Sales of treasury shares	–	–	(77)	–	9,161,830	341	264
Share-based payments	–	–	196	–	–	–	196
Share cancellation	(33,005,000)	(82)	(1,652)	–	33,005,000	1,734	–
Translation adjustments	–	–	–	–	–	–	–
Other operations	–	–	–	–	–	–	–
<b>As of December 31, 2007 (IFRS)</b>	<b>2,395,532,097</b>	<b>5,989</b>	<b>48,797</b>	<b>(4,396)</b>	<b>(151,421,232)</b>	<b>(5,532)</b>	<b>44,858</b>
Dividend	–	–	(4,945)	–	–	–	(4,945)
Net income 2008	–	–	10,590	–	–	–	10,590
Other comprehensive income	–	–	(258)	(480)	–	–	(738)
Issuance of common shares	6,275,977	16	246	–	–	–	262
Purchase of treasury shares	–	–	–	–	(27,600,000)	(1,339)	(1,339)
Sales of treasury shares	–	–	(71)	–	5,939,137	221	150
Share-based payments	–	–	154	–	–	–	154
Share cancellation	(30,000,000)	(75)	(1,566)	–	30,000,000	1,641	–
Translation adjustments	–	–	–	–	–	–	–
Other operations	–	–	–	–	–	–	–
<b>As of December 31, 2008 (IFRS)</b>	<b>2,371,808,074</b>	<b>5,930</b>	<b>52,947</b>	<b>(4,876)</b>	<b>(143,082,095)</b>	<b>(5,009)</b>	<b>48,992</b>
Dividend	–	–	(5,086)	–	–	–	(5,086)
Net income 2009	–	–	8,447	–	–	–	8,447
Other comprehensive income	–	–	246	(193)	–	–	53
Issuance of common shares	1,414,810	3	38	–	–	–	41
Purchase of treasury shares	–	–	–	–	–	–	–
Sales of treasury shares	–	–	(143)	–	2,874,905	165	22
Share-based payments	–	–	106	–	–	–	106
Share cancellation	(24,800,000)	(62)	(1,160)	–	24,800,000	1,222	–
Translation adjustments	–	–	–	–	–	–	–
Other operations	–	–	(23)	–	–	–	(23)
<b>As of December 31, 2009 (IFRS)</b>	<b>2,348,422,884</b>	<b>5,871</b>	<b>55,372</b>	<b>(5,069)</b>	<b>(115,407,190)</b>	<b>(3,622)</b>	<b>52,552</b>





## Net-debt-to-equity ratio

As of December 31,  
(in million euros except percent)

	2009	2008	2007	2006	2005
Net financial debt	13,556	10,671	11,837	13,220	12,617
Shareholder's equity	50,993	47,410	43,303	38,890	39,477
<b>Net-debt-to-equity ratio</b>	<b>26.6%</b>	<b>22.5%</b>	<b>27.3%</b>	<b>34.0%</b>	<b>32.0%</b>

## Capital employed based on replacement cost by business segment

As of December 31,  
(in millions)

	2009 <sup>(1)</sup> \$	2009 €	2008 €	2007 €	2006 €	2005 €
Upstream	53,874	37,397	32,681	27,063	25,544	23,522
Downstream	22,040	15,299	13,623	12,191	12,383	11,421
Chemicals <sup>(2)</sup>	9,937	6,898	7,161	6,898	6,744	8,987
Corporate	6,997	4,857	6,043	7,875	7,415	7,513
<b>Total</b>	<b>92,848</b>	<b>64,451</b>	<b>59,508</b>	<b>54,027</b>	<b>52,086</b>	<b>51,443</b>

## Capital employed

As of December 31,  
(in millions)

	2009 <sup>(1)</sup> \$	2009 €	2008 €	2007 €	2006 €	2005 €
Non-current assets	110,885	76,971	70,360	64,843	61,950	61,914
Working capital	15,112	10,493	8,103	9,997	8,797	9,626
Long-term liabilities <sup>(2)</sup>	(29,344)	(20,369)	(17,842)	(17,303)	(16,379)	(17,440)
<b>Capital employed</b>	<b>96,653</b>	<b>67,095</b>	<b>60,621</b>	<b>57,537</b>	<b>54,368</b>	<b>54,100</b>

(1) Dollar amounts represent euro amounts converted at year-end €-\$ exchange rate.

(2) Including in 2009 a 40 M€ (pre-tax) contingency reserve related to Toulouse - AZF plant explosion (256 M€ pre-tax in 2008, 134 M€ pre-tax in 2007, 176 M€ pre-tax in 2006 and 133 M€ pre-tax in 2005).

## ROACE by business segment

Under IFRS rules for discontinued operations, the 2005 income statements and ROACE have been restated to exclude the contribution of Arkema.

<i>(in million euros, except percent)</i>	2009	2008	2007	2006	2005
<b>Upstream</b>					
Adjusted net operating income	6,382	10,724	8,849	8,709	8,029
Average capital employed <sup>(1)</sup>	35,039	29,872	26,303	24,533	19,901
<b>ROACE</b>	<b>18%</b>	<b>36%</b>	<b>34%</b>	<b>35%</b>	<b>40%</b>
<b>Downstream</b>					
Adjusted net operating income	953	2,569	2,535	2,784	2,916
Average capital employed <sup>(1)</sup>	14,461	12,907	12,287	11,902	10,538
<b>ROACE</b>	<b>7%</b>	<b>20%</b>	<b>21%</b>	<b>23%</b>	<b>28%</b>
<b>Chemicals</b>					
Adjusted net operating income	272	668	847	884 <sup>(2)</sup>	967 <sup>(2)</sup>
Average capital employed <sup>(1)</sup>	7,158	7,030 <sup>(3)</sup>	6,822 <sup>(3)</sup>	6,903 <sup>(3)</sup>	6,545 <sup>(3)</sup>
<b>ROACE</b>	<b>4%</b>	<b>9%</b>	<b>12%</b>	<b>13%</b>	<b>15%</b>
<b>Corporate</b>					
Adjusted net operating income	619	703	650	785	674
Average capital employed <sup>(1)</sup>	5,450	6,957	7,645	7,464	6,845
<b>Group</b>					
Adjusted net operating income	8,226	14,664	12,881	13,162 <sup>(2)</sup>	12,586 <sup>(2)</sup>
Average capital employed <sup>(1)</sup>	62,108	56,766 <sup>(3)</sup>	53,056 <sup>(3)</sup>	50,802 <sup>(3)</sup>	43,829 <sup>(3)</sup>
<b>ROACE</b>	<b>13%</b>	<b>26%</b>	<b>24%</b>	<b>26%</b>	<b>29%</b>

(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.

(2) Includes deferred tax charges related to Arkema activities of 18 M€ in 2006 and 151 M€ in 2005.

(3) Capital employed for Chemicals reduced for Arkema by 2,235 M€ at 12/31/2005 and for the Toulouse AZF provision of 133 M€ pre-tax at 12/31/2005, 176 M€ pre-tax at 12/31/2006, 134 M€ pre-tax at 12/31/2007, 256 M€ pre-tax at 12/31/2008 and 40 M€ pre-tax at 12/31/2009.



Log on to  
[www.total.com](http://www.total.com)

Download  
all the tables from 1998  
to 2009 in Excel format



## Consolidated statement of cash flows

<i>(in million euros)</i>	2009	2008	2007	2006	2005
<b>Cash flows from operating activities</b>					
Consolidated net income	8,629	10,953	13,535	12,135	12,643
Depreciation, depletion and amortization	7,107	6,197	5,946	5,555	6,083
Non-current liabilities, valuation allowances, and deferred taxes	441	(150)	826	601	515
Impact of coverage of pension benefit plans	–	(505)	–	(179)	(23)
(Gains) losses on sales of assets	(200)	(257)	(639)	(789)	(99)
Undistributed affiliates' equity earnings	(378)	(311)	(821)	(952)	(596)
(Increase) decrease in working capital	(3,316)	2,571	(1,476)	(441)	(4,002)
Other changes, net	77	171	315	131	148
<b>Cash flows from operating activities <sup>(1)</sup></b>	<b>12,360</b>	<b>18,669</b>	<b>17,686</b>	<b>16,061</b>	<b>14,669</b>
<b>Cash flows used in investing activities</b>					
Intangible assets and property, plant and equipment additions	(11,849)	(11,861)	(10,549)	(9,910)	(8,848)
Acquisition of subsidiaries, net of cash acquired	(160)	(559)	(20)	(127)	(1,116)
Investments in equity affiliates and other securities	(400)	(416)	(351)	(402)	(280)
Increase in non-current loans	(940)	(804)	(802)	(1,413)	(951)
<b>Total expenditures</b>	<b>(13,349)</b>	<b>(13,640)</b>	<b>(11,722)</b>	<b>(11,852)</b>	<b>(11,195)</b>
Proceeds from disposal of intangible assets, and property, plant and equipment	138	130	569	413	274
Proceeds from disposal of subsidiaries, net of cash sold	–	88	5	18	11
Proceeds from disposal of non-current investments	2,525	1,233	527	699	135
Repayment of non-current loans	418	1,134	455	1,148	668
<b>Total divestments</b>	<b>3,081</b>	<b>2,585</b>	<b>1,556</b>	<b>2,278</b>	<b>1,088</b>
<b>Cash flows used in investing activities</b>	<b>(10,268)</b>	<b>(11,055)</b>	<b>(10,166)</b>	<b>(9,574)</b>	<b>(10,107)</b>
<b>Cash flows (from)/used in financing activities</b>					
Issuance (repayment) of shares:					
- Parent company shareholders	41	262	89	511	17
- Treasury shares	22	(1,189)	(1,526)	(3,830)	(3,189)
- Minority shareholders	–	(4)	2	17	83
- Subsidiaries redeemable preferred shares	–	–	–	–	(156)
Cash dividend paid:					
- Parent company's shareholders	(5,086)	(4,945)	(4,510)	(3,999)	(3,510)
- Minority shareholders	(189)	(213)	(228)	(326)	(237)
Net issuance (repayment) of non-current debt	5,522	3,009	3,220	3,722	2,878
(Increase) decrease in current borrowings	(3,124)	1,437	(2,654)	(6)	(951)
(Increase) decrease in current financial assets and liabilities	(54)	850	2,265	(3,496)	–
Other changes, net	–	–	–	–	(1)
<b>Cash flows (from)/used in financing activities</b>	<b>(2,868)</b>	<b>(793)</b>	<b>(3,342)</b>	<b>(7,407)</b>	<b>(5,066)</b>
<b>Net increase (decrease) in cash and cash equivalents</b>	<b>(776)</b>	<b>6,821</b>	<b>4,178</b>	<b>(920)</b>	<b>(504)</b>
Effect of exchange rates	117	(488)	(683)	(905)	962
Cash and cash equivalents at the beginning of the period	12,321	5,988	2,493	4,318	3,860
<b>Cash and cash equivalents at the end of the period</b>	<b>11,662</b>	<b>12,321</b>	<b>5,988</b>	<b>2,493</b>	<b>4,318</b>

(1) Including payments relating to the Toulouse - AZF plant explosion, offset by a non-current liability write-back of 216 M€ for the year ended December 31, 2009; 18 M€ for the year ended December 31, 2008; 42 M€ for the year ended December 31, 2007; 57 M€ for the year ended December 31, 2006 and 77 M€ for the year ended December 31, 2005.



## Consolidated statement of cash flows

<i>(in million dollars)<sup>(1)</sup></i>	2009	2008	2007	2006	2005
<b>Cash flows from operating activities</b>					
Consolidated net income	12,036	16,110	18,550	15,237	15,729
Depreciation, depletion and amortization	9,913	9,115	8,149	6,975	7,568
Non-current liabilities, valuation allowances, and deferred taxes	615	(221)	1,132	755	641
Impact of coverage of pension benefit plans	–	(743)	–	(225)	(29)
(Gains) losses on sales of assets	(279)	(378)	(876)	(991)	(123)
Undistributed affiliates' equity earnings	(527)	(457)	(1,125)	(1,195)	(741)
(Increase) decrease in working capital	(4,625)	3,781	(2,023)	(554)	(4,979)
Other changes, net	107	252	432	164	184
<b>Cash flows from operating activities<sup>(2)</sup></b>	<b>17,240</b>	<b>27,458</b>	<b>24,239</b>	<b>20,166</b>	<b>18,250</b>
<b>Cash flows used in investing activities</b>					
Intangible assets and property, plant and equipment additions	(16,527)	(17,445)	(14,457)	(12,443)	(11,008)
Acquisition of subsidiaries, net of cash acquired	(223)	(822)	(27)	(159)	(1,388)
Investments in equity affiliates and other securities	(558)	(612)	(481)	(505)	(348)
Increase in non-current loans	(1,311)	(1,183)	(1,099)	(1,774)	(1,183)
<b>Total expenditures</b>	<b>(18,619)</b>	<b>(20,062)</b>	<b>(16,065)</b>	<b>(14,881)</b>	<b>(13,928)</b>
Proceeds from disposal of intangible assets, and property, plant and equipment	192	191	780	519	341
Proceeds from disposal of subsidiaries, net of cash sold	–	129	7	23	14
Proceeds from disposal of non-current investments	3,522	1,813	722	878	168
Repayment of non-current loans	583	1,668	624	1,441	831
<b>Total divestments</b>	<b>4,297</b>	<b>3,802</b>	<b>2,132</b>	<b>2,860</b>	<b>1,354</b>
<b>Cash flows used in investing activities</b>	<b>(14,322)</b>	<b>(16,260)</b>	<b>(13,933)</b>	<b>(12,021)</b>	<b>(12,574)</b>
<b>Cash flows (from)/used in financing activities</b>					
Issuance (repayment) of shares:					
- Parent company shareholders	57	385	122	642	21
- Treasury shares	31	(1,749)	(2,091)	(4,809)	(3,967)
- Minority shareholders	–	(6)	3	21	103
- Subsidiaries redeemable preferred shares	–	–	–	–	(194)
Cash dividend paid:					
- Parent company's shareholders	(7,094)	(7,273)	(6,181)	(5,021)	(4,367)
- Minority shareholders	(264)	(313)	(312)	(409)	(295)
Net issuance (repayment) of non-current debt	7,702	4,426	4,413	4,673	3,581
(Increase) decrease in current borrowings	(4,357)	2,114	(3,637)	(8)	(1,183)
(Increase) decrease in current financial assets and liabilities	(75)	1,250	3,104	(4,390)	–
Other changes, net	–	–	–	–	(1)
<b>Cash flows (from)/used in financing activities</b>	<b>(4,000)</b>	<b>(1,166)</b>	<b>(4,580)</b>	<b>(9,300)</b>	<b>(6,303)</b>
<b>Net increase (decrease) in cash and cash equivalents</b>	<b>(1,082)</b>	<b>10,032</b>	<b>5,726</b>	<b>(1,155)</b>	<b>(627)</b>
Effect of exchange rates	735	(1,700)	(194)	(656)	463
Cash and cash equivalents at the beginning of the period	17,147	8,815	3,283	5,094	5,258
<b>Cash and cash equivalents at the end of the period</b>	<b>16,800</b>	<b>17,147</b>	<b>8,815</b>	<b>3,283</b>	<b>5,094</b>

(1) Dollar amounts represent euro amounts converted at the average €-\$ exchange rate for the period.

(2) Including payments relating to the Toulouse - AZF plant explosion, offset by a non-current liability write-back of 301 M\$ (216 M€) for the year ended December 31, 2009; 18 M€ for the year ended December 31, 2008; 42 M€ for the year ended December 31, 2007; 57 M€ for the year ended December 31, 2006 and 77 M€ for the year ended December 31, 2005.





## Cash flows from operating activities by business segment

<i>(in million euros)</i>	2009	2008	2007	2006	2005
Upstream	10,200	13,765	12,692	11,524	10,111
Downstream	1,164	3,111	4,148	3,626	2,723
Chemicals	1,082 <sup>(1)</sup>	920 <sup>(2)</sup>	1,096 <sup>(3)</sup>	972 <sup>(4)</sup>	946 <sup>(5)</sup>
Corporate	(86)	873	(250)	(61)	889
<b>Total</b>	<b>12,360</b>	<b>18,669</b>	<b>17,686</b>	<b>16,061</b>	<b>14,669</b>

<i>(in million dollars)</i> <sup>(6)</sup>	2009	2008	2007	2006	2005
Upstream	14,227	20,246	17,393	14,470	12,579
Downstream	1,624	4,576	5,684	4,553	3,388
Chemicals	1,509 <sup>(7)</sup>	1,353 <sup>(2)</sup>	1,502 <sup>(3)</sup>	1,220 <sup>(4)</sup>	1,177 <sup>(5)</sup>
Corporate	(120)	1,284	(843)	(77)	1,106
<b>Total</b>	<b>17,240</b>	<b>27,458</b>	<b>24,237</b>	<b>20,166</b>	<b>18,250</b>

## Capital expenditures by geographic area

<i>(in millions)</i>	2009 <sup>(6)</sup> \$	2009 €	2008 €	2007 €	2006 €	2005 €
France	1,658	1,189	1,997	1,627	1,919	1,967
Rest of Europe	3,490	2,502	2,962	2,538	2,355	2,178
North America	2,426	1,739	1,255	740	881	1,691
Africa	6,487	4,651	4,500	3,745	3,326	2,858
Rest of world	4,558	3,268	2,926	3,072	3,371	2,501
<b>Total</b>	<b>18,619</b>	<b>13,349</b>	<b>13,640</b>	<b>11,722</b>	<b>11,852</b>	<b>11,195</b>

(1) This figure amounts in 2009 to 1,298 M€ excluding an amount of 216 M€ paid relating to the Toulouse-AZF plant reserve.

(2) This figure amounts in 2008 to 938 M€ excluding an amount of 18 M€ paid relating to the Toulouse-AZF plant reserve.

(3) This figure amounts in 2007 to 1,138 M€ excluding an amount of 42 M€ paid relating to the Toulouse-AZF plant reserve.

(4) This figure amounts in 2006 to 1,029 M€ excluding an amount of 57 M€ paid relating to the Toulouse-AZF plant reserve.

(5) This figure amounts in 2005 to 1,023 M€ excluding an amount of 77 M€ paid relating to the Toulouse-AZF plant reserve.

(6) Dollar amounts represent euro amounts converted at the average €-\$ exchange rate for the period.

(7) This figure amounts in 2009 to 1,810 M\$ (1,298 M€) excluding an amount of 301 M\$ (216 M€) paid relating to the Toulouse - AZF plant reserve.



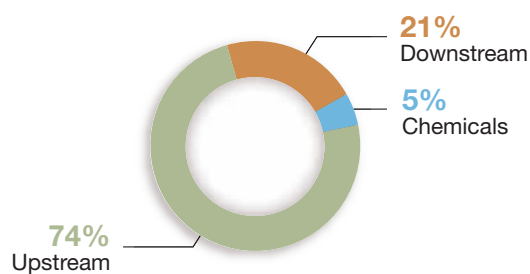
## Capital expenditures by business segment

(in millions)	2009 <sup>(1)</sup> \$	2009 €	2008 €	2007 €	2006 €	2005 €
Upstream	13,746	9,855	10,017	8,882	9,001	8,111
Downstream	3,865	2,771	2,418	1,875	1,775	1,779
Chemicals	880	631	1,074	911	995	1,115
Corporate	128	92	131	54	81	190
<b>Total</b>	<b>18,619</b>	<b>13,349</b>	<b>13,640</b>	<b>11,722</b>	<b>11,852</b>	<b>11,195</b>

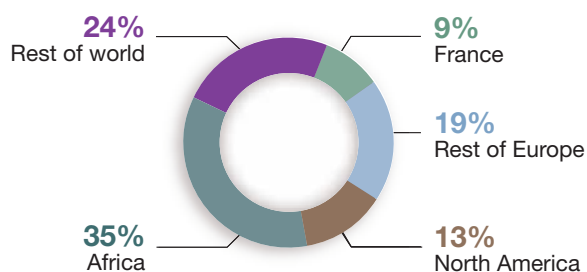
## Divestments by business segment

(in millions)	2009 <sup>(1)</sup> \$	2009 €	2008 €	2007 €	2006 €	2005 €
Upstream	555	398	1,130	751	1,458	692
Downstream	185	133	216	394	428	204
Chemicals	66	47	53	83	128	59
Corporate	3,491	2,503	1,186	328	264	133
<b>Total</b>	<b>4,297</b>	<b>3,081</b>	<b>2,585</b>	<b>1,556</b>	<b>2,278</b>	<b>1,088</b>

### 2009 CAPITAL EXPENDITURES BY BUSINESS SEGMENT: 13.3 B€



### 2009 CAPITAL EXPENDITURES BY GEOGRAPHIC AREA: 13.3 B€

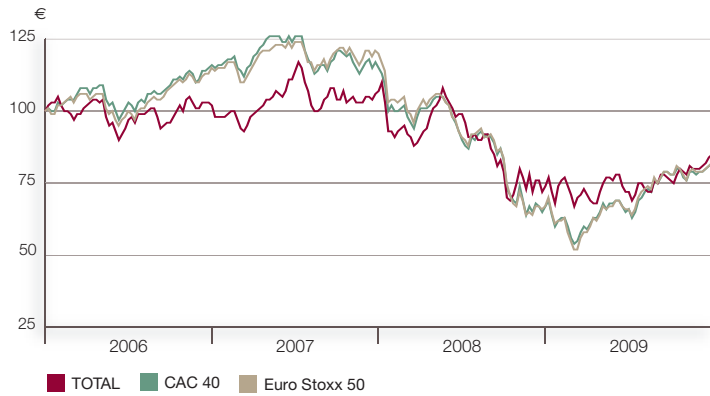


(1) Dollar amounts represent euro amounts converted at the average €-\$ exchange rate for the period.



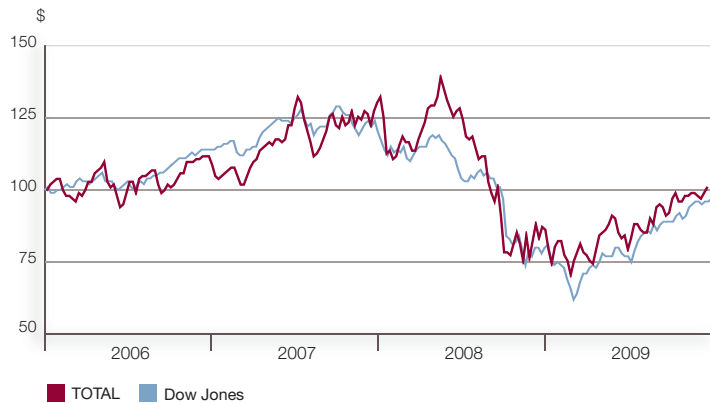
## Share performance

### TOTAL SHARE PRICE (in euros) IN PARIS (2006-2009) (base 100 as of January 1st, 2006)



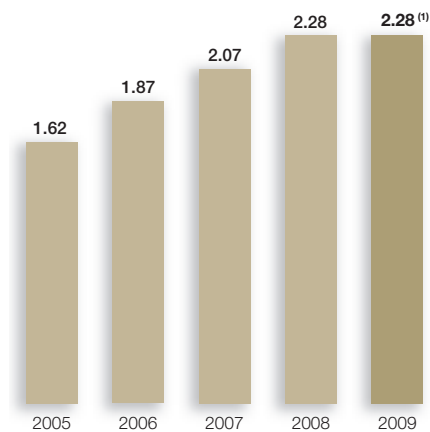
Source: Bloomberg - Share price as of December 31, 2009: 45 €

### TOTAL ADR PRICE (in dollars) IN NEW YORK (2006-2009) (base 100 as of January 1st, 2006)



Source: Bloomberg - ADR price as of December 31, 2009: \$ 64.04

### NET DIVIDEND PER SHARE (€)

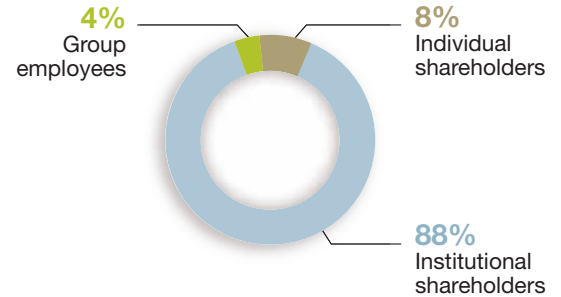


(1) Pending approval at the May 21, 2010 AGM. This amount includes the interim dividend 2009 of 1.14€ per share paid on November 18, 2009.

## Shareholding structure

### DISTRIBUTION OF SHAREHOLDERS BY TYPE (excluding treasury shares)

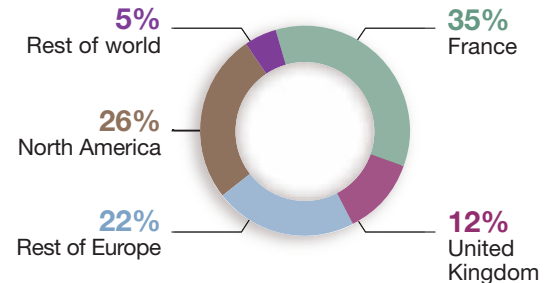
Estimate at December 31, 2009



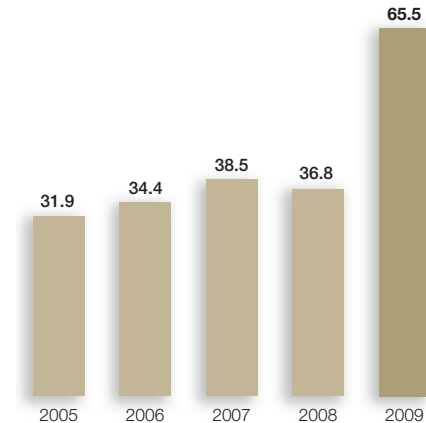
The number of French individual shareholders is estimated at approximately 540,000.

### DISTRIBUTION OF SHAREHOLDERS BY GEOGRAPHIC AREA (excluding treasury shares)

Estimate at December 31, 2009



### PAY-OUT (%)



## Share information

The numbers of shares were adjusted following the four-for-one stock split of May 18, 2006.

	2009	2008	2007	2006	2005
Shares outstanding (as of December 31)	2,348,422,884	2,371,808,074	2,395,532,097	2,425,767,953	2,460,465,184
Weighted-average number of fully-diluted shares <sup>(1)</sup>	2,237,292,199	2,246,658,542	2,274,384,984	2,312,304,652	2,362,028,860
Shares on a fully-diluted basis (as of December 31) <sup>(1)</sup>	2,243,661,636	2,235,319,333	2,265,225,385	2,285,231,773	2,344,055,928
Treasury shares	115,407,190	143,082,095	151,421,232	161,200,707	136,997,328
<b>Price per share (€)</b>					
High	45.785	59.50	63.40	58.15	57.28
Low	34.25	31.52	48.33	46.52	39.50
Year-end	45.005	38.91	56.83	54.65	53.05
<b>Price per share (€) adjusted of Arkema's spin-off <sup>(2)</sup></b>					
High	–	–	–	57.40	56.54
Low	–	–	–	46.52	38.99
Year-end	–	–	–	54.65	52.37
<b>Price per ADR (\$)</b>					
High	65.98	91.34	87.34	73.46	68.98
Low	42.88	42.60	63.89	58.06	51.87
Year-end	64.04	55.30	82.60	71.92	63.20
<b>Price per ADR (\$) adjusted of Arkema's spin-off <sup>(3)</sup></b>					
High	–	–	–	73.46	67.86
Low	–	–	–	58.06	51.03
Year-end	–	–	–	71.92	62.18
<b>Market capitalization at year-end, computed on shares outstanding</b>					
Billion €	105.69	92.29	136.14	132.57	130.53
Billion \$	150.39	131.16	197.87	174.46	155.50
<b>Trading volume (daily average)</b>					
Euronext Paris	7,014,959	11,005,751	10,568,310	10,677,157	10,838,962
London Stock Exchange	3,636,249	3,027,694	5,531,472	3,677,117	3,536,068
New York Stock Exchange (number of ADRs) <sup>(4)</sup>	2,396,192	2,911,002	1,882,072	1,500,331	1,716,466
<b>Adjusted fully-diluted earnings per share (€) <sup>(5)</sup></b>	3.48	6.20	5.37	5.44	5.08
Gross dividend per share (€) <sup>(7)</sup>	2.28 <sup>(6)</sup>	2.28	2.07	1.87	1.62
Tax credit per share (€) <sup>(7)</sup>	–	–	–	–	–
Net dividend per share (€)	2.28 <sup>(6)</sup>	2.28	2.07	1.87	1.62
Net dividend per ADR (\$) <sup>(6)</sup>	3.29 <sup>(6)</sup>	2.91	3.14	2.46	1.99
Pay out (based on net dividend) <sup>(9)</sup>	65.5%	36.8%	38.5%	34.4%	31.9%
Price-to-earning ratio <sup>(10)</sup>	12.9	6.3	10.6	10.0	10.4
Yield <sup>(11)</sup>	5.07%	5.86%	3.64%	3.42%	3.05%

(1) Excluding shares owned by the Group and cancelled in the consolidated balance sheet under French GAAP. Not calculated using IFRS rules.

(2) In order to take into account Arkema's spin-off and the 4:1 stock split, Euronext Paris defined an adjustment on TOTAL's historic stock price. Therefore, TOTAL's stock price before May 18, 2006 was multiplied by an 0.9871 adjustment coefficient (based on TOTAL's 210 € close price on May 17, 2006 as well as Arkema's reference stock price (before quotation) of 27 €) and by 0.25. These adjustments, defined by Euronext Paris are taken into account in the stock price evolution.

(3) In order to take into account Arkema's spin-off and ADR's split by two, the New York Stock Exchange (NYSE) defined an adjustment on TOTAL ADR's historic stock price. Therefore, TOTAL's stock price before May 23, 2006 was multiplied by an 0.9838 adjustment coefficient (based on TOTAL ADR's \$ 130.4 close price on May 22, 2006 as well as Arkema's OTC close price on May 18, 2006 of \$ 42.15) and by 0.5. These adjustments, defined by NYSE are taken into account in the stock price evolution.

(4) Number of ADRs, following the four-for-one stock split approved at the May 12, 2006 AGM, the Company has changed its ADR ratio: one TOTAL ADR now corresponds to one TOTAL share (compared to two ADRs per share previously).

(5) IFRS: excluding special items, inventory valuation effect and TOTAL's equity share of amortization of intangible assets related to the Sanofi-Aventis merger. French GAAP: excluding special items and TOTAL's equity share of amortization of goodwill and intangible assets related to the Sanofi-Aventis merger.

(6) Pending approval at the May 21, 2010 AGM. This amount includes the interim dividend 2009 of 1.14 € per share paid on November 18, 2009.

(7) Based on a tax credit of 50% applicable to the net dividends paid before January 1, 2005, enforceable date of the abolition of tax credit for individuals under the 2004 French Finance Law. For other shareholders, the tax credit was abolished by this law as of January 1, 2004. Pursuant to Article 243 bis of the French General Tax Code, the interim dividend paid on November 16, 2007 and the balance of the dividend paid on May 23, 2008 (subject to approval by the General Meeting of Shareholders of May 16, 2008) are eligible for the 40% rebate applying to individuals residing in France for tax purposes provided for by Article 158 paragraph 3 of the French General Tax Code. In addition, pursuant to the article 117 quater of the French General Tax Code, individuals residing in France for tax purposes who receive, in the context of private wealth management, dividends eligible for the 40% rebate can now opt for a flat-rate tax deduction of 18% (with an exception for social security contributions) in full discharge of personal income tax. These new provisions are valid for income earned after January 1, 2008.

(8) Translated solely for convenience into dollars at the Noon Buying Rates on the respective payment dates, including for the interim dividend 2009 paid on November 18, 2009 (1.14 € per share) except for the final dividend 2009 (1.14 € per share) payable on June 1, 2010, which has been translated at the €-\$ exchange rate of 1.40. In the US, the dividend, paid to the holders of ADRs, may differ from these figures, depending on the Noon Buying Rate used by the Depositary to convert euros to dollars for purposes of making payments to holders of ADRs and depending on the tax status of the US shareholders, with respect to the withholding tax and the tax credit.

(9) Net dividend (€) / adjusted earnings per share.

(10) Share price at year-end / adjusted earnings per share.

(11) Gross dividend (€) / share price at year-end.





## Payroll <sup>(1)</sup>

For the year ended December 31,  
(in millions)

	2009 <sup>(2)</sup>	2009	2008	2007	2006	2005
	\$	€	€	€	€	€
<b>Wages and salaries (including social charges)</b>	<b>8,616</b>	<b>6,177</b>	<b>6,014</b>	<b>6,058</b>	<b>5,828</b>	<b>5,610</b>

## Number of employees

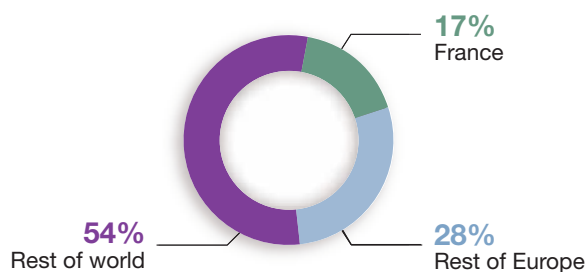
As of December 31,

	2009	%	2008	2007	2006	2005
<b>Number of employees by region <sup>(3)</sup></b>						
France <sup>(4)</sup>	36,407	38%	37,101	37,296	37,831	37,775
Rest of Europe	26,299	27%	27,495	27,374	26,532	27,412
Rest of world	33,681	35%	32,363	31,772	30,707	29,867
<b>Total</b>	<b>96,387</b>	<b>100%</b>	<b>96,959</b>	<b>96,442</b>	<b>95,070</b>	<b>95,054</b>

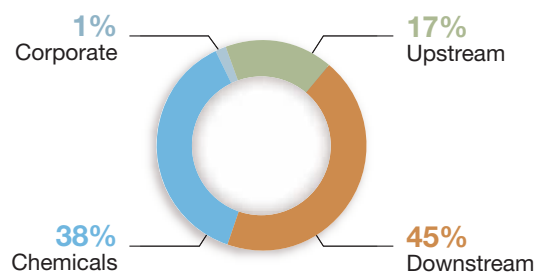
As of December 31,

	2009	%	2008	2007	2006	2005
<b>Number of employees by business segment <sup>(3)</sup></b>						
Upstream	16,628	17%	16,005	15,182	14,862	14,849
Downstream	33,760	35%	34,040	34,185	34,467	34,611
Chemicals	44,667	47%	45,545	45,797	44,504	44,391
Corporate	1,332	1%	1,369	1,278	1,237	1,203
<b>Total</b>	<b>96,387</b>	<b>100%</b>	<b>96,959</b>	<b>96,442</b>	<b>95,070</b>	<b>95,054</b>

## RECRUITMENT BY REGION IN 2009 <sup>(5)</sup>: 8,253



## RECRUITMENT BY BUSINESS SEGMENT IN 2009 <sup>(5)</sup>: 8,253



(1) Personnel expenses of fully-consolidated subsidiaries; 2005 has been restated to exclude the contribution of Arkema.

(2) Dollar amounts represent euro amounts converted at the average €-\$ exchange rate for the period.

(3) Personnel expenses and number of employees of fully-consolidated subsidiaries; 2005 has been restated to exclude the contribution of Arkema.

(4) Excluding overseas territories.

(5) Recruitment in all subsidiaries in which one or more Group companies own at least a 50% stake.

# UPSTREAM

**2.28 Mboe/d**  
produced in 2009

**10.5 Bboe**  
of proved reserves as  
of December 31, 2009<sup>(1)</sup>

**9.9 B€**  
invested in 2009

**16,628**  
employees



(1) Based on Brent price of 59.91 \$/b.

# UPSTREAM

## Introduction



The Upstream segment includes the Exploration & Production and Gas & Power divisions. The Group has exploration and production activities in more than forty countries and produces oil or gas in thirty countries. The Gas & Power division conducts activities downstream from production related to natural gas, liquefied natural gas (LNG) and liquefied petroleum gas (LPG), as well as power generation and new energies.

## BUSINESS STRATEGIES

- **Continue to achieve profitable growth in our production**, capitalizing on our portfolio of projects, our technical expertise and our ability to manage large projects and progressively diversify our supply of energy.
- **Maintain our investment program** to sustain our production growth.
- **Maintain our investment discipline** and continue to manage Opex and Capex to keep our technical cost at the lowest level among the majors.
- **Pursue our successful exploration program** in core areas. Around 20% of our 2010 exploration budget dedicated to frontier exploration and new areas.
- **Access to new resources** notably through partnerships with national oil companies.
- **Develop positions in growth areas for the long term:** consolidate our expertise on deep offshore and LNG projects and develop our presence in heavy oil and unconventional gas.
- **Diversify our supply of energy** by developing our expertise and positions in solar, nuclear and biomass.



### 2009 OPERATING HIGHLIGHTS

#### Start-up of production on five new projects:

- Akpo in Nigeria
- Tahiti in Gulf of Mexico
- Tombua Landana in Angola
- Qatargas 2 Train 5 in Qatar
- Yemen LNG in Yemen.

#### Significant additions to the North American portfolio:

- Signed an agreement with Cobalt to jointly explore the deepwater Gulf of Mexico
- Acquired 25% of Chesapeake portfolio in the Barnett Shale in non conventional gas
- Sanctioned on Surmont Phase 2.

#### Proved reserve replacement rate

at 103% <sup>(1)</sup> maintaining proved reserves at 10.5 Bboe representing more than 12 years of production.

#### Effective implementation of cost reduction plans

led to an 8% reduction in operating costs and maintained technical costs <sup>(2)</sup> at 15.4 \$/boe, stable vs 2008, and the lowest among the majors.

### 2010 OUTLOOK

- 2010 production is expected to increase thanks to the ramp-up on projects started in 2009.
- 2010 Upstream capex budget at 14 B\$.
- 2010 Exploration budget: 1.8 B\$.
- Continue development of four major projects for production start-up in 2011-12(e): Pazflor and Angola LNG in Angola, Usan in Nigeria, and Kashagan in Kazakhstan.
- Final investment decisions on five major projects are expected in 2010: Surmont Ph 2 in Canada, Laggan Tormore in the UK, CLOV in Angola, Ofon 2 and Egina in Nigeria.

(1) TOTAL's share of reserves in consolidated companies, equity affiliates and non-consolidated companies, based on ASC 932; reserve additions calculated based on 59.91\$/b; 93% reserve replacement rate excl. acquisitions and asset sales.

(2) Production costs + exploration expenses + DD&A (excluding IAS 36) / production of the year.



## Financial highlights

(in million euros)	2009	2008	2007	2006	2005
Adjusted operating income <sup>(1)</sup>	12,879	23,639	19,514	20,307	18,421
Adjusted net operating income <sup>(1)</sup>	6,382	10,724	8,849	8,709	8,029
Capital expenditures	9,855	10,017	8,882	9,001	8,111
Cash flows from operations operating activities	10,200	13,765	12,692	11,524	10,111

## Financial highlights <sup>(2)</sup>

(in million dollars)	2009	2008	2007	2006	2005
Adjusted operating income <sup>(1)</sup>	17,964	34,768	26,742	25,497	22,918
Adjusted net operating income <sup>(1)</sup>	8,902	15,773	12,126	10,935	9,989
Capital expenditures	13,746	14,733	12,172	11,302	10,091
Cash flows from operations operating activities	14,227	20,246	17,393	14,470	12,580

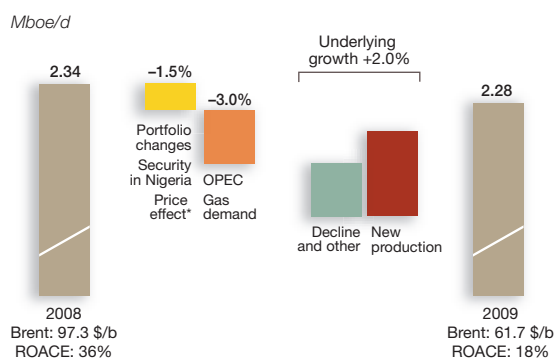
## Production

	2009	2008	2007	2006	2005
<b>Technical production (kboe/d) <sup>(3)</sup></b>	<b>2,569</b>	<b>2,669</b>	<b>2,628</b>	<b>2,588</b>	<b>2,696</b>
Liquids (kb/d) <sup>(4)</sup>	1,514	1,607	1,624	1,614	1,704
Gas (Mcf/d)	5,813	5,800	5,497	5,389	5,483
<b>Entitlement production (kboe/d)</b>	<b>2,281</b>	<b>2,341</b>	<b>2,391</b>	<b>2,356</b>	<b>2,489</b>
Liquids (kb/d) <sup>(4)</sup>	1,381	1,456	1,509	1,506	1,621
Gas (Mcf/d)	4,923	4,837	4,839	4,674	4,780

## Proved reserves <sup>(5)</sup>

	2009	2008	2007	2006	2005
Liquids (Mb) <sup>(4)</sup>	5,689	5,695	5,778	6,471	6,592
Gas (Bcf)	26,318	26,218	25,730	25,539	24,750
<b>Total (Mboe)</b>	<b>10,483</b>	<b>10,458</b>	<b>10,449</b>	<b>11,120</b>	<b>11,106</b>

### PRODUCTION



\* Impact of changes in hydrocarbon prices on entitlement production

(1) Adjusted net income is defined as net income using replacement cost (Group share) adjusted for special items and excluding TOTAL's share of adjustments and, from 2009, selected items related to Sanofi-Aventis.

(2) Dollar amounts represent euro amounts converted at the average €-\$ exchange rate for the period.

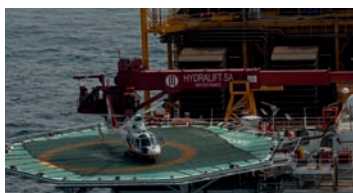
(3) Technical production defined as equity share of wellhead production; entitlement production defined as ASC932 production, including equity affiliates.

(4) Including bitumen.

(5) Proved reserves are calculated in accordance with the United States Securities and Exchange Commission regulation.



# UPSTREAM



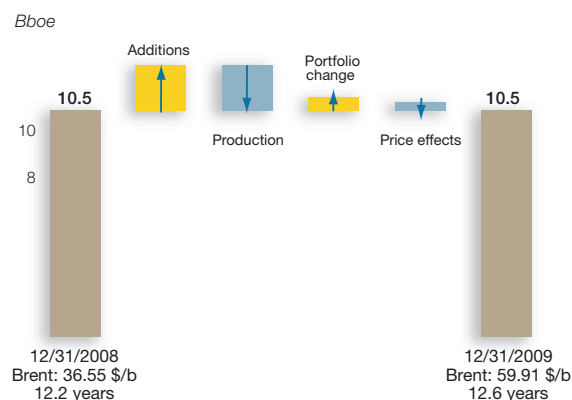
## Key operating ratios - Group

(three-year average)	2007-2009	2006-2008	2005-2007	2004-2006	2003-2005
<b>Finding cost (\$/boe) <sup>(1)</sup></b>	<b>2.7</b>	<b>2.4</b>	<b>2.0</b>	<b>1.4</b>	<b>0.9</b>
<b>Reserve replacement cost (\$/boe) <sup>(2)</sup></b>	<b>16.8</b>	<b>14.4</b>	<b>11.9</b>	<b>9.4</b>	<b>7.0</b>
<b>Reserve replacement rate (%) <sup>(3) (4)</sup></b>	<b>75</b>	<b>75</b>	<b>74</b>	<b>90</b>	<b>97</b>
<b>Organic reserve replacement rate (%) <sup>(4) (5)</sup></b>	<b>94</b>	<b>99</b>	<b>93</b>	<b>91</b>	<b>94</b>
(in years)	2009	2008	2007	2006	2005
<b>Reserve life <sup>(6)</sup></b>	<b>12.6</b>	<b>12.2</b>	<b>12.0</b>	<b>12.9</b>	<b>12.2</b>

## Key operating ratios - consolidated subsidiaries

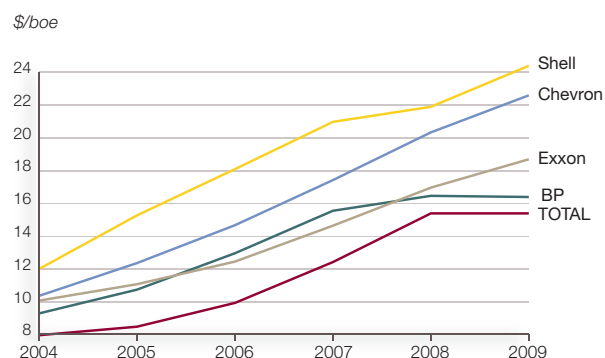
(in dollars per barrel of oil equivalent)	2007-2009	2006-2008	2005-2007	2004-2006	2003-2005
<b>Finding cost <sup>(1)</sup></b>	<b>4.0</b>	<b>3.9</b>	<b>5.3</b>	<b>2.4</b>	<b>1.2</b>
<b>Reserve replacement cost <sup>(2)</sup></b>	<b>22.8</b>	<b>22.1</b>	<b>18.3</b>	<b>14.9</b>	<b>8.5</b>
(in dollars per barrel of oil equivalent)	2009	2008	2007	2006	2005
Operating costs	5.8	6.3	4.8	3.7	3.1
Exploration costs	1.4	1.6	1.6	1.1	0.7
DD&A	8.2	7.5	6.0	5.1	4.7
<b>Technical costs <sup>(7)</sup></b>	<b>15.4</b>	<b>15.4</b>	<b>12.4</b>	<b>9.9</b>	<b>8.5</b>

## PROVED RESERVES <sup>(8)</sup>



> 103% proved reserve replacement rate <sup>(8)</sup>

## TECHNICAL COSTS <sup>(7)</sup>



> Technical costs at the lowest among the majors  
> Favorable FX effects in 2009

(1) (Exploration costs + unproved property acquisition) / (revisions + extensions and discoveries).

(2) Total costs incurred / (revisions + extensions and discoveries + acquisitions).

(3) (Revisions + extensions and discoveries + acquisitions - sales of reserves) / production for the period.

(4) Including the mechanical effect of changes in oil prices.

(5) (Revisions + extensions and discoveries) / production for the period; excluding acquisitions and sales of reserves.

(6) Reserves at year-end / production of the year.

(7) (Production costs + exploration expenses + DD&A (excluding IAS 36)) / production of the year.

(8) TOTAL's share of reserves in consolidated companies, equity affiliates and non-consolidated companies, based on ASC 932; reserve additions calculated based on 59.91 \$/b; 93% reserve replacement rate excl. acquisitions and asset sales.





## Combined liquids and gas production

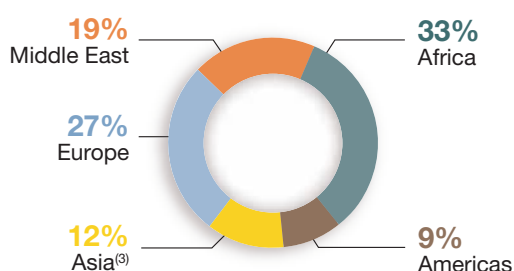
(in thousands of barrels of oil equivalent per day)	2009	2008	2007	2006	2005
<b>Africa</b>	<b>728</b>	<b>763</b>	<b>783</b>	<b>694</b>	<b>751</b>
Algeria	53	59	58	59	64
Angola	191	205	203	112	148
Cameroon	12	14	14	13	12
Gabon	71	76	83	87	98
Libya	60	74	87	84	84
Nigeria	235	246	261	242	250
Republic of Congo	106	89	77	97	95
<b>North America</b>	<b>24</b>	<b>14</b>	<b>20</b>	<b>16</b>	<b>41</b>
Canada	8	8	2	1	-
United States	16	6	18	15	41
<b>South America</b>	<b>131</b>	<b>136</b>	<b>230</b>	<b>226</b>	<b>247</b>
Argentina	80	81	80	78	74
Bolivia	20	22	28	21	21
Colombia	17	18	19	22	26
Trinidad & Tobago	5	6	9	9	13
Venezuela	9	9	94	96	113
<b>Asia - Pacific</b>	<b>251</b>	<b>246</b>	<b>252</b>	<b>253</b>	<b>248</b>
Brunei	12	14	14	15	13
Indonesia	190	177	180	182	182
Myanmar	13	14	17	15	13
Thailand	36	41	41	41	40
<b>Commonwealth of Independent States</b>	<b>24</b>	<b>26</b>	<b>19</b>	<b>8</b>	<b>9</b>
Azerbaijan	12	18	11	< 1	-
Russia	12	8	8	8	9
<b>Europe</b>	<b>613</b>	<b>616</b>	<b>674</b>	<b>728</b>	<b>770</b>
France	24	25	27	30	29
The Netherlands	45	44	45	44	51
Norway	327	334	338	372	383
United Kingdom	217	213	264	282	307
<b>Middle East</b>	<b>151</b>	<b>137</b>	<b>99</b>	<b>90</b>	<b>103</b>
Iran	8	9	15	20	23
Qatar	99	91	47	29	31
Syria	20	15	15	17	25
U.A.E.	12	12	13	15	16
Yemen	12	10	9	9	8
<b>Total consolidated production</b>	<b>1,922</b>	<b>1,938</b>	<b>2,077</b>	<b>2,015</b>	<b>2,169</b>
<b>Equity affiliates and non-consolidated subsidiaries</b>					
Africa <sup>(1)</sup>	21	20	23	25	25
Middle East	287	295	291	316	295
Rest of world <sup>(2)</sup>	51	88	-	-	-
<b>Total equity affiliates and non-consolidated subsidiaries</b>	<b>359</b>	<b>403</b>	<b>314</b>	<b>341</b>	<b>320</b>
<b>Worldwide production</b>	<b>2,281</b>	<b>2,341</b>	<b>2,391</b>	<b>2,356</b>	<b>2,489</b>

(1) Primarily attributable to TOTAL's share of CEPESA's production in Algeria.

(2) Essentially TOTAL's share of PetroCedeño's production in Venezuela.

(3) Asia includes Asia-Pacific and the Commonwealth of Independent States.

### 2009 COMBINED LIQUIDS AND GAS PRODUCTION





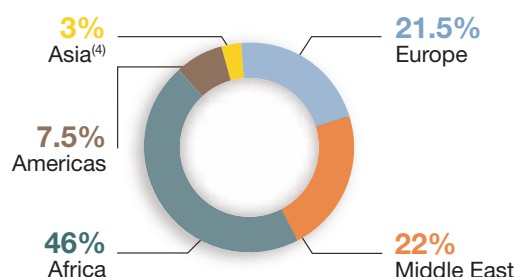
## Liquids production

(in thousands of barrels per day)

	2009	2008	2007	2006	2005
<b>Africa</b>	<b>612</b>	<b>635</b>	<b>658</b>	<b>603</b>	<b>672</b>
Algeria	27	32	32	35	38
Angola	186	200	198	108	144
Cameroon	12	13	13	13	12
Gabon	67	73	78	82	94
Libya	60	74	87	84	84
Nigeria	159	158	176	188	209
Republic of Congo	101	85	74	93	91
<b>North America</b>	<b>20</b>	<b>11</b>	<b>14</b>	<b>7</b>	<b>9</b>
Canada <sup>(1)</sup>	8	8	2	1	-
United States	12	3	12	6	9
<b>South America</b>	<b>30</b>	<b>32</b>	<b>118</b>	<b>119</b>	<b>143</b>
Argentina	15	14	14	11	11
Bolivia	3	3	3	3	3
Colombia	7	9	10	13	19
Trinidad & Tobago	5	6	9	9	12
Venezuela	-	-	82	83	98
<b>Asia - Pacific</b>	<b>33</b>	<b>29</b>	<b>28</b>	<b>29</b>	<b>29</b>
Brunei	2	2	2	3	3
Indonesia	25	21	20	20	20
Myanmar	-	-	-	-	-
Thailand	6	6	6	6	6
<b>Commonwealth of Independent States</b>	<b>14</b>	<b>12</b>	<b>10</b>	<b>7</b>	<b>8</b>
Azerbaijan	3	4	3	< 1	-
Russia	11	8	7	7	8
<b>Europe</b>	<b>295</b>	<b>302</b>	<b>335</b>	<b>365</b>	<b>390</b>
France	5	6	6	6	7
The Netherlands	1	1	1	1	1
Norway	199	204	211	237	247
United Kingdom	90	91	117	121	135
<b>Middle East</b>	<b>91</b>	<b>88</b>	<b>83</b>	<b>88</b>	<b>98</b>
Iran	8	9	15	20	23
Qatar	47	44	33	29	31
Syria	14	15	15	16	22
U.A.E.	10	10	11	14	14
Yemen	12	10	9	9	8
<b>Total consolidated production</b>	<b>1,095</b>	<b>1,109</b>	<b>1,246</b>	<b>1,218</b>	<b>1,349</b>
<b>Equity affiliates and non-consolidated subsidiaries</b>					
Africa <sup>(2)</sup>	20	19	23	25	24
Middle East	216	241	240	263	248
Rest of world <sup>(3)</sup>	50	87	-	-	-
<b>Total equity affiliates and non-consolidated subsidiaries</b>	<b>286</b>	<b>347</b>	<b>263</b>	<b>288</b>	<b>272</b>
<b>Worldwide production</b>	<b>1,381</b>	<b>1,456</b>	<b>1,509</b>	<b>1,506</b>	<b>1,621</b>

- (1) The Group's production in Canada consists of bitumen only. All the Group's bitumen production is in Canada.
- (2) Primarily attributable to TOTAL's share of CEPSA's production in Algeria.
- (3) Essentially TOTAL's share of PetroCedeño's production in Venezuela.
- (4) Asia includes Asia-Pacific and the Commonwealth of Independent States.

### 2009 LIQUIDS PRODUCTION





# UPSTREAM

## Gas production

(in millions of cubic feet per day)

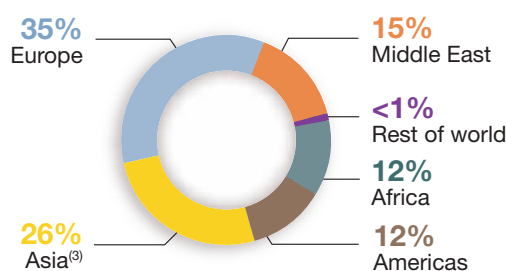
	2009	2008	2007	2006	2005
<b>Africa</b>	<b>596</b>	<b>655</b>	<b>636</b>	<b>479</b>	<b>418</b>
Algeria	140	141	136	129	141
Angola	33	33	29	24	23
Cameroon	2	2	2	2	2
Gabon	20	20	29	27	26
Libya	-	-	-	-	-
Nigeria	374	436	423	275	206
Republic of Congo	27	23	17	22	20
<b>North America</b>	<b>22</b>	<b>15</b>	<b>34</b>	<b>47</b>	<b>174</b>
Canada	-	-	-	-	-
United States	22	15	34	47	174
<b>South America</b>	<b>558</b>	<b>573</b>	<b>618</b>	<b>598</b>	<b>586</b>
Argentina	364	365	365	375	351
Bolivia	91	105	131	97	97
Colombia	45	45	46	43	38
Trinidad & Tobago	2	2	2	2	2
Venezuela	56	56	74	81	98
<b>Asia - Pacific</b>	<b>1,228</b>	<b>1,236</b>	<b>1,287</b>	<b>1,282</b>	<b>1,254</b>
Brunei	49	60	60	65	54
Indonesia	898	857	882	891	890
Myanmar	103	117	136	121	109
Thailand	178	202	209	205	201
<b>Commonwealth of Independent States</b>	<b>52</b>	<b>75</b>	<b>46</b>	<b>2</b>	<b>2</b>
Azerbaijan	50	73	44	< 1	-
Russia	2	2	2	2	2
<b>Europe</b>	<b>1,734</b>	<b>1,704</b>	<b>1,846</b>	<b>1,970</b>	<b>2,063</b>
France	100	103	115	124	117
The Netherlands	254	244	252	247	283
Norway	691	706	685	726	734
United Kingdom	689	651	794	873	929
<b>Middle East</b>	<b>338</b>	<b>281</b>	<b>91</b>	<b>11</b>	<b>28</b>
Iran	-	-	-	-	-
Qatar	294	269	79	3	3
Syria	34	2	2	2	18
U.A.E.	10	10	10	6	7
Yemen	-	-	-	-	-
<b>Total consolidated production</b>	<b>4,528</b>	<b>4,539</b>	<b>4,558</b>	<b>4,389</b>	<b>4,525</b>
<b>Equity affiliates and non-consolidated subsidiaries</b>					
Africa <sup>(1)</sup>	3	4	4	4	4
Middle East	386	288	277	281	251
Rest of world	6	6	-	-	-
<b>Total equity affiliates and non-consolidated subsidiaries</b>	<b>395</b>	<b>298</b>	<b>281</b>	<b>285</b>	<b>255</b>
<b>Worldwide production</b>	<b>4,923</b>	<b>4,837</b>	<b>4,839</b>	<b>4,674</b>	<b>4,780</b>
Ratio of cubic feet of natural gas per one barrel <sup>(2)</sup>	5.47	5.47	5.49	5.50	5.51
<b>Worldwide production (kboe/d)</b>	<b>900</b>	<b>885</b>	<b>882</b>	<b>850</b>	<b>868</b>

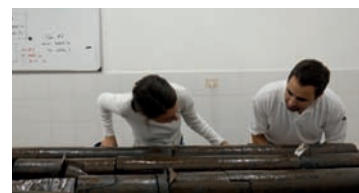
(1) Primarily attributable to TOTAL's share of CEPSA's production in Algeria.

(2) This ratio is applicable to TOTAL's natural gas production on a Group-wide basis.

(3) Asia includes Asia-Pacific and the Commonwealth of Independent States.

### 2009 GAS PRODUCTION





## Abstract of the supplemental oil and gas information disclosed in the 2009 Registration Document (for pages 46 to 62).

The following tables present, for oil, bitumen and gas reserves, an estimate of the Group's oil and gas quantities by geographic areas as of December 31, 2009, 2008, 2007, 2006 and 2005. Quantities shown concern proved developed and undeveloped reserves together with changes in quantities for 2009, 2008, 2007, 2006 and 2005.

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 and of two companies accounted for by the cost method.

## Changes in oil, bitumen and gas reserves

	Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
Consolidated subsidiaries						
<i>(in millions of barrels of oil equivalent)</i>						
<b>Proved developed and undeveloped reserves</b>						
<b>Balance as of December 31, 2004</b>	<b>2,179</b>	<b>3,625</b>	<b>1,897</b>	<b>615</b>	<b>1,413</b>	<b>9,729</b>
Revisions of previous estimates	103	10	124	(31)	8	214
Extensions, discoveries and other	49	26	8	–	–	83
Acquisitions of reserves in place	–	7	59	–	–	66
Sales of reserves in place	–	–	–	–	(36)	(36)
Production for the year	(281)	(274)	(105)	(38)	(94)	(792)
<b>Balance as of December 31, 2005</b>	<b>2,050</b>	<b>3,394</b>	<b>1,983</b>	<b>546</b>	<b>1,291</b>	<b>9,264</b>
Revisions of previous estimates	66	170	(44)	20	92	304
Extensions, discoveries and other	64	119	–	–	–	183
Acquisitions of reserves in place	–	–	24	–	–	24
Sales of reserves in place	(12)	–	(51)	(1)	–	(64)
Production for the year	(265)	(253)	(89)	(33)	(95)	(735)
<b>Balance as of December 31, 2006</b>	<b>1,903</b>	<b>3,430</b>	<b>1,823</b>	<b>532</b>	<b>1,288</b>	<b>8,976</b>
Revisions of previous estimates	196	280	(531)	(23)	(16)	(94)
Extensions, discoveries and other	50	93	2	1	51	197
Acquisitions of reserves in place	–	–	–	–	–	–
Sales of reserves in place	(3)	(2)	(465)	–	–	(470)
Production for the year	(246)	(285)	(92)	(36)	(99)	(758)
<b>Balance as of December 31, 2007</b>	<b>1,900</b>	<b>3,516</b>	<b>737</b>	<b>474</b>	<b>1,224</b>	<b>7,851</b>
Revisions of previous estimates	41	374	50	106	144	715
Extensions, discoveries and other	82	110	–	–	19	211
Acquisitions of reserves in place	17	–	–	–	–	17
Sales of reserves in place	–	(74)	–	–	(46)	(120)
Production for the year	(225)	(280)	(55)	(50)	(99)	(709)
<b>Balance as of December 31, 2008</b>	<b>1,815</b>	<b>3,646</b>	<b>732</b>	<b>530</b>	<b>1,242</b>	<b>7,965</b>
Revisions of previous estimates	46	76	14	(7)	25	154
Extensions, discoveries and other	18	53	284	76	–	431
Acquisitions of reserves in place	12	–	130	–	–	142
Sales of reserves in place	(2)	(43)	(14)	–	–	(59)
Production for the year	(224)	(266)	(56)	(55)	(101)	(702)
<b>Balance as of December 31, 2009</b>	<b>1,665</b>	<b>3,466</b>	<b>1,090</b>	<b>544</b>	<b>1,166</b>	<b>7,931</b>
<b>Minority interest in proved developed and undeveloped reserves</b>						
As of December 31, 2005	38	91	–	–	–	129
As of December 31, 2006	35	97	–	–	–	132
As of December 31, 2007	30	135	–	–	–	165
As of December 31, 2008	27	100	–	–	–	127
<b>As of December 31, 2009</b>	<b>26</b>	<b>98</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>124</b>

(1) Asia includes Asia-Pacific and the Commonwealth of Independent States.



# UPSTREAM

## Changes in oil, bitumen and gas reserves

	Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in millions of barrels of oil equivalent)</i>						
<b>Equity &amp; non-consolidated affiliates</b>						
<b>Proved developed and undeveloped reserves</b>						
<b>Balance as of December 31, 2004</b>	-	76	-	1,343	-	1,419
Revisions of previous estimates	-	(5)	-	(1)	-	(6)
Extensions, discoveries and other	-	-	-	546	-	546
Acquisitions of reserves in place	-	-	-	-	-	-
Sales of reserves in place	-	-	-	-	-	-
Production for the year	-	(9)	-	(108)	-	(117)
<b>Balance as of December 31, 2005</b>	-	62	-	1,780	-	1,842
Revisions of previous estimates	-	3	-	(1)	-	2
Extensions, discoveries and other	-	-	-	438	-	438
Acquisitions of reserves in place	-	4	-	-	-	4
Sales of reserves in place	-	-	-	(17)	-	(17)
Production for the year	-	(9)	-	(116)	-	(125)
<b>Balance as of December 31, 2006</b>	-	60	-	2,084	-	2,144
Revisions of previous estimates	-	(3)	554	(3)	-	548
Extensions, discoveries and other	-	30	-	-	-	30
Acquisitions of reserves in place	-	-	-	-	-	-
Sales of reserves in place	-	(9)	-	-	-	(9)
Production for the year	-	(9)	-	(106)	-	(115)
<b>Balance as of December 31, 2007</b>	-	69	554	1,975	-	2,598
Revisions of previous estimates	-	22	-	(2)	-	20
Extensions, discoveries and other	-	14	-	3	-	17
Acquisitions of reserves in place	-	-	6	-	-	6
Sales of reserves in place	-	-	-	-	-	-
Production for the year	-	(7)	(33)	(108)	-	(148)
<b>Balance as of December 31, 2008</b>	-	98	527	1,868	-	2,493
Revisions of previous estimates	-	10	(7)	51	-	54
Extensions, discoveries and other	-	-	-	136	-	136
Acquisitions of reserves in place	-	-	-	-	-	-
Sales of reserves in place	-	-	-	-	-	-
Production for the year	-	(8)	(18)	(105)	-	(131)
<b>Balance as of December 31, 2009</b>	-	100	502	1,950	-	2,552

(1) Asia includes Asia-Pacific and the Commonwealth of Independent States.





## Changes in oil, bitumen and gas reserves

	Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in millions of barrels of oil equivalent)</i>						
<b>Consolidated subsidiaries and equity &amp; non-consolidated affiliates</b>						
<b>Balance as of December 31, 2005</b>						
<b>Proved developed and undeveloped</b>	<b>2,050</b>	<b>3,456</b>	<b>1,983</b>	<b>2,326</b>	<b>1,291</b>	<b>11,106</b>
Consolidated subsidiaries	2,050	3,394	1,983	546	1,291	9,264
Equity and non-consolidated affiliates	–	62	–	1,780	–	1,842
<b>Proved developed</b>	<b>1,457</b>	<b>1,805</b>	<b>614</b>	<b>1,092</b>	<b>564</b>	<b>5,532</b>
Consolidated subsidiaries	1,457	1,750	614	151	564	4,536
Equity and non-consolidated affiliates	–	55	–	941	–	996
<b>Proved undeveloped</b>	<b>593</b>	<b>1,651</b>	<b>1,369</b>	<b>1,234</b>	<b>727</b>	<b>5,574</b>
Consolidated subsidiaries	593	1,644	1,369	395	727	4,728
Equity and non-consolidated affiliates	–	7	–	839	–	846
<b>Balance as of December 31, 2006</b>						
<b>Proved developed and undeveloped</b>	<b>1,903</b>	<b>3,490</b>	<b>1,823</b>	<b>2,616</b>	<b>1,288</b>	<b>11,120</b>
Consolidated subsidiaries	1,903	3,430	1,823	532	1,288	8,976
Equity and non-consolidated affiliates	–	60	–	2,084	–	2,144
<b>Proved developed</b>	<b>1,304</b>	<b>1,999</b>	<b>521</b>	<b>1,155</b>	<b>532</b>	<b>5,511</b>
Consolidated subsidiaries	1,304	1,946	521	294	532	4,597
Equity and non-consolidated affiliates	–	53	–	861	–	914
<b>Proved undeveloped</b>	<b>599</b>	<b>1,491</b>	<b>1,302</b>	<b>1,461</b>	<b>756</b>	<b>5,609</b>
Consolidated subsidiaries	599	1,484	1,302	238	756	4,379
Equity and non-consolidated affiliates	–	7	–	1,223	–	1,230
<b>Balance as of December 31, 2007</b>						
<b>Proved developed and undeveloped</b>	<b>1,900</b>	<b>3,585</b>	<b>1,291</b>	<b>2,449</b>	<b>1,224</b>	<b>10,449</b>
Consolidated subsidiaries	1,900	3,516	737	474	1,224	7,851
Equity and non-consolidated affiliates	–	69	554	1,975	–	2,598
<b>Proved developed</b>	<b>1,229</b>	<b>1,917</b>	<b>508</b>	<b>1,242</b>	<b>487</b>	<b>5,383</b>
Consolidated subsidiaries	1,229	1,884	360	452	487	4,412
Equity and non-consolidated affiliates	–	33	148	790	–	971
<b>Proved undeveloped</b>	<b>671</b>	<b>1,668</b>	<b>783</b>	<b>1,207</b>	<b>737</b>	<b>5,066</b>
Consolidated subsidiaries	671	1,632	377	22	737	3,439
Equity and non-consolidated affiliates	–	36	406	1,185	–	1,627
<b>Balance as of December 31, 2008</b>						
<b>Proved developed and undeveloped</b>	<b>1,815</b>	<b>3,744</b>	<b>1,259</b>	<b>2,398</b>	<b>1,242</b>	<b>10,458</b>
Consolidated subsidiaries	1,815	3,646	732	530	1,242	7,965
Equity and non-consolidated affiliates	–	98	527	1,868	–	2,493
<b>Proved developed</b>	<b>1,252</b>	<b>1,801</b>	<b>515</b>	<b>1,194</b>	<b>481</b>	<b>5,243</b>
Consolidated subsidiaries	1,252	1,754	381	504	481	4,372
Equity and non-consolidated affiliates	–	47	134	690	–	871
<b>Proved undeveloped</b>	<b>563</b>	<b>1,943</b>	<b>744</b>	<b>1,204</b>	<b>761</b>	<b>5,215</b>
Consolidated subsidiaries	563	1,892	351	26	761	3,593
Equity and non-consolidated affiliates	–	51	393	1,178	–	1,622
<b>Balance as of December 31, 2009</b>						
<b>Proved developed and undeveloped</b>	<b>1,665</b>	<b>3,566</b>	<b>1,592</b>	<b>2,494</b>	<b>1,166</b>	<b>10,483</b>
Consolidated subsidiaries	1,665	3,466	1,090	544	1,166	7,931
Equity and non-consolidated affiliates	–	100	502	1,950	–	2,552
<b>Proved developed</b>	<b>1,096</b>	<b>1,775</b>	<b>631</b>	<b>1,918</b>	<b>415</b>	<b>5,835</b>
Consolidated subsidiaries	1,096	1,745	503	482	415	4,241
Equity and non-consolidated affiliates	–	30	128	1,436	–	1,594
<b>Proved undeveloped</b>	<b>569</b>	<b>1,791</b>	<b>961</b>	<b>576</b>	<b>751</b>	<b>4,648</b>
Consolidated subsidiaries	569	1,721	587	62	751	3,690
Equity and non-consolidated affiliates	–	70	374	514	–	958

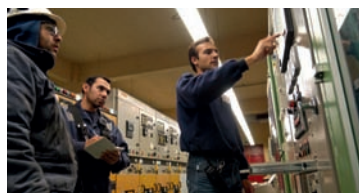
(1) Asia includes Asia-Pacific and the Commonwealth of Independent States.

## Changes in oil reserves

The oil reserves include crude oil, natural gas liquids (condensates, LPG) and bitumen reserves as of December 31, 2004, 2005, 2006, 2007 and 2008 and only crude oil and natural gas liquids reserves as of December 31, 2009. Bitumen reserves as of December 31, 2009 are shown separately.

	Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in millions of barrels)</i>						
Consolidated subsidiaries						
<b>Proved developed and undeveloped reserves</b>						
<b>Balance as of December 31, 2004</b>	<b>1,066</b>	<b>2,695</b>	<b>1,308</b>	<b>298</b>	<b>522</b>	<b>5,889</b>
Revisions of previous estimates	32	(15)	89	(7)	13	112
Extensions, discoveries and other	23	21	–	–	–	44
Acquisitions of reserves in place	–	7	58	–	–	65
Sales of reserves in place	–	–	–	–	(36)	(36)
Production for the year	(143)	(245)	(55)	(36)	(13)	(492)
<b>Balance as of December 31, 2005</b>	<b>978</b>	<b>2,463</b>	<b>1,400</b>	<b>255</b>	<b>486</b>	<b>5,582</b>
Revisions of previous estimates	40	146	(10)	16	66	258
Extensions, discoveries and other	13	113	–	–	–	126
Acquisitions of reserves in place	–	–	22	–	–	22
Sales of reserves in place	(6)	–	(21)	(2)	–	(29)
Production for the year	(132)	(220)	(46)	(32)	(13)	(443)
<b>Balance as of December 31, 2006</b>	<b>893</b>	<b>2,502</b>	<b>1,345</b>	<b>237</b>	<b>539</b>	<b>5,516</b>
Revisions of previous estimates	108	149	(549)	(5)	(1)	(298)
Extensions, discoveries and other	4	90	2	1	6	103
Acquisitions of reserves in place	–	–	–	–	–	–
Sales of reserves in place	(3)	(2)	(465)	–	–	(470)
Production for the year	(122)	(241)	(48)	(30)	(14)	(455)
<b>Balance as of December 31, 2007</b>	<b>880</b>	<b>2,498</b>	<b>285</b>	<b>203</b>	<b>530</b>	<b>4,396</b>
Revisions of previous estimates	15	297	(17)	54	64	413
Extensions, discoveries and other	12	107	–	–	3	122
Acquisitions of reserves in place	2	–	–	–	–	2
Sales of reserves in place	–	(74)	–	–	(43)	(117)
Production for the year	(111)	(231)	(16)	(32)	(16)	(406)
<b>Balance as of December 31, 2008</b>	<b>798</b>	<b>2,597</b>	<b>252</b>	<b>225</b>	<b>538</b>	<b>4,410</b>
Revisions of previous estimates	34	92	(170)	(4)	51	3
Extensions, discoveries and other	8	38	22	1	–	69
Acquisitions of reserves in place	1	–	–	–	–	1
Sales of reserves in place	–	(44)	(1)	–	–	(45)
Production for the year	(108)	(223)	(15)	(34)	(17)	(397)
<b>Balance as of December 31, 2009</b>	<b>733</b>	<b>2,460</b>	<b>88</b>	<b>188</b>	<b>572</b>	<b>4,041</b>
<b>Minority interest in proved developed and undeveloped reserves</b>						
As of December 31, 2005	19	77	–	–	–	96
As of December 31, 2006	17	82	–	–	–	99
As of December 31, 2007	15	116	–	–	–	131
As of December 31, 2008	12	89	–	–	–	101
<b>As of December 31, 2009</b>	<b>12</b>	<b>88</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>100</b>

(1) Asia includes Asia-Pacific and the Commonwealth of Independent States.



## Changes in oil reserves

	Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in millions of barrels)</i>						
<b>Equity &amp; non-consolidated affiliates</b>						
<b>Proved developed and undeveloped reserves</b>						
<b>Balance as of December 31, 2004</b>	–	<b>73</b>	–	<b>1,041</b>	–	<b>1,114</b>
Revisions of previous estimates	–	(5)	–	1	–	(4)
Extensions, discoveries and other	–	–	–	–	–	–
Acquisitions of reserves in place	–	–	–	–	–	–
Sales of reserves in place	–	–	–	–	–	–
Production for the year	–	(9)	–	(91)	–	(100)
<b>Balance as of December 31, 2005</b>	–	<b>59</b>	–	<b>951</b>	–	<b>1,010</b>
Revisions of previous estimates	–	3	–	1	–	4
Extensions, discoveries and other	–	–	–	60	–	60
Acquisitions of reserves in place	–	3	–	–	–	3
Sales of reserves in place	–	–	–	(16)	–	(16)
Production for the year	–	(9)	–	(97)	–	(106)
<b>Balance as of December 31, 2006</b>	–	<b>56</b>	–	<b>899</b>	–	<b>955</b>
Revisions of previous estimates	–	(3)	533	(5)	–	525
Extensions, discoveries and other	–	7	–	–	–	7
Acquisitions of reserves in place	–	–	–	–	–	–
Sales of reserves in place	–	(9)	–	–	–	(9)
Production for the year	–	(8)	–	(88)	–	(96)
<b>Balance as of December 31, 2007</b>	–	<b>43</b>	<b>533</b>	<b>806</b>	–	<b>1,382</b>
Revisions of previous estimates	–	22	1	(2)	–	21
Extensions, discoveries and other	–	–	–	3	–	3
Acquisitions of reserves in place	–	–	6	–	–	6
Sales of reserves in place	–	–	–	–	–	–
Production for the year	–	(7)	(32)	(88)	–	(127)
<b>Balance as of December 31, 2008</b>	–	<b>58</b>	<b>508</b>	<b>719</b>	–	<b>1,285</b>
Revisions of previous estimates	–	(14)	(5)	(15)	–	(34)
Extensions, discoveries and other	–	–	–	136	–	136
Acquisitions of reserves in place	–	–	–	–	–	–
Sales of reserves in place	–	–	–	–	–	–
Production for the year	–	(7)	(18)	(79)	–	(104)
<b>Balance as of December 31, 2009</b>	–	<b>37</b>	<b>485</b>	<b>761</b>	–	<b>1,283</b>

(1) Asia includes Asia-Pacific and the Commonwealth of Independent States.



## Changes in oil reserves

	Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in millions of barrels of oil equivalent)</i>						
<b>Consolidated subsidiaries and equity &amp; non-consolidated affiliates</b>						
<b>Balance as of December 31, 2005</b>						
<b>Proved developed and undeveloped</b>	<b>978</b>	<b>2,522</b>	<b>1,400</b>	<b>1,206</b>	<b>486</b>	<b>6,592</b>
Consolidated subsidiaries	978	2,463	1,400	255	486	5,582
Equity and non-consolidated affiliates	–	59	–	951	–	1,010
<b>Proved developed</b>	<b>692</b>	<b>1,369</b>	<b>274</b>	<b>803</b>	<b>61</b>	<b>3,199</b>
Consolidated subsidiaries	692	1,318	274	145	61	2,490
Equity and non-consolidated affiliates	–	51	–	658	–	709
<b>Proved undeveloped</b>	<b>286</b>	<b>1,153</b>	<b>1,126</b>	<b>403</b>	<b>425</b>	<b>3,393</b>
Consolidated subsidiaries	286	1,145	1,126	110	425	3,092
Equity and non-consolidated affiliates	–	8	–	293	–	301
<b>Balance as of December 31, 2006</b>						
<b>Proved developed and undeveloped</b>	<b>893</b>	<b>2,558</b>	<b>1,345</b>	<b>1,136</b>	<b>539</b>	<b>6,471</b>
Consolidated subsidiaries	893	2,502	1,345	237	539	5,516
Equity and non-consolidated affiliates	–	56	–	899	–	955
<b>Proved developed</b>	<b>629</b>	<b>1,485</b>	<b>248</b>	<b>783</b>	<b>62</b>	<b>3,207</b>
Consolidated subsidiaries	629	1,436	248	167	62	2,542
Equity and non-consolidated affiliates	–	49	–	616	–	665
<b>Proved undeveloped</b>	<b>264</b>	<b>1,073</b>	<b>1,097</b>	<b>353</b>	<b>477</b>	<b>3,264</b>
Consolidated subsidiaries	264	1,066	1,097	70	477	2,974
Equity and non-consolidated affiliates	–	7	–	283	–	290
<b>Balance as of December 31, 2007</b>						
<b>Proved developed and undeveloped</b>	<b>880</b>	<b>2,541</b>	<b>818</b>	<b>1,009</b>	<b>530</b>	<b>5,778</b>
Consolidated subsidiaries	880	2,498	285	203	530	4,396
Equity and non-consolidated affiliates	–	43	533	806	–	1,382
<b>Proved developed</b>	<b>560</b>	<b>1,419</b>	<b>213</b>	<b>744</b>	<b>59</b>	<b>2,995</b>
Consolidated subsidiaries	560	1,389	70	182	59	2,260
Equity and non-consolidated affiliates	–	30	143	562	–	735
<b>Proved undeveloped</b>	<b>320</b>	<b>1,122</b>	<b>605</b>	<b>265</b>	<b>471</b>	<b>2,783</b>
Consolidated subsidiaries	320	1,109	215	21	471	2,136
Equity and non-consolidated affiliates	–	13	390	244	–	647
<b>Balance as of December 31, 2008</b>						
<b>Proved developed and undeveloped</b>	<b>798</b>	<b>2,655</b>	<b>760</b>	<b>944</b>	<b>538</b>	<b>5,695</b>
Consolidated subsidiaries	798	2,597	252	225	538	4,410
Equity and non-consolidated affiliates	–	58	508	719	–	1,285
<b>Proved developed</b>	<b>516</b>	<b>1,357</b>	<b>183</b>	<b>681</b>	<b>65</b>	<b>2,802</b>
Consolidated subsidiaries	516	1,313	56	201	65	2,151
Equity and non-consolidated affiliates	–	44	127	480	–	651
<b>Proved undeveloped</b>	<b>282</b>	<b>1,298</b>	<b>577</b>	<b>263</b>	<b>473</b>	<b>2,893</b>
Consolidated subsidiaries	282	1,284	196	24	473	2,259
Equity and non-consolidated affiliates	–	14	381	239	–	634
<b>Balance as of December 31, 2009</b>						
<b>Proved developed and undeveloped</b>	<b>733</b>	<b>2,497</b>	<b>573</b>	<b>949</b>	<b>572</b>	<b>5,324</b>
Consolidated subsidiaries	733	2,460	88	188	572	4,041
Equity and non-consolidated affiliates	–	37	485	761	–	1,283
<b>Proved developed</b>	<b>457</b>	<b>1,331</b>	<b>187</b>	<b>728</b>	<b>65</b>	<b>2,768</b>
Consolidated subsidiaries	457	1,303	66	174	65	2,065
Equity and non-consolidated affiliates	–	28	121	554	–	703
<b>Proved undeveloped</b>	<b>276</b>	<b>1,166</b>	<b>386</b>	<b>221</b>	<b>507</b>	<b>2,556</b>
Consolidated subsidiaries	276	1,157	22	14	507	1,976
Equity and non-consolidated affiliates	–	9	364	207	–	580

(1) Asia includes Asia-Pacific and the Commonwealth of Independent States.

# UPSTREAM



## Changes in bitumen reserves

This table shows only bitumen reserves as of December 31, 2009.  
There are no bitumen reserves for equity and non-consolidated affiliates.  
There are no minority interest for bitumen reserves.

	Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in millions of barrels)</i>	Consolidated subsidiaries					
<b>Proved developed and undeveloped reserves</b>						
<b>Balance as of December 31, 2008</b>	-	-	-	-	-	-
Revisions of previous estimates	-	-	176	-	-	176
Extensions, discoveries and other	-	-	192	-	-	192
Acquisitions of reserves in place	-	-	-	-	-	-
Sales of reserves in place	-	-	-	-	-	-
Production for the year	-	-	(3)	-	-	(3)
<b>Balance as of December 31, 2009</b>	-	-	<b>365</b>	-	-	<b>365</b>
<b>Proved developed reserves of consolidated subsidiaries</b>						
<b>Balance as of December 31, 2009</b>	-	-	<b>19</b>	-	-	<b>19</b>
<b>Proved developed reserves</b>						
<b>Balance as of December 31, 2009</b>	-	-	<b>346</b>	-	-	<b>346</b>

(1) Asia includes Asia-Pacific and the Commonwealth of Independent States.





# UPSTREAM

## Changes in gas reserves

	Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in billions of cubic feet)</i>						
<b>Consolidated subsidiaries</b>						
<b>Proved developed and undeveloped reserves</b>						
<b>Balance as of December 31, 2004</b>	<b>6,015</b>	<b>4,779</b>	<b>3,278</b>	<b>1,907</b>	<b>5,180</b>	<b>21,159</b>
Revisions of previous estimates	383	141	220	(144)	(55)	545
Extensions, discoveries and other	145	27	43	–	–	215
Acquisitions of reserves in place	–	3	–	–	–	3
Sales of reserves in place	–	–	–	–	–	–
Production for the year	(753)	(152)	(278)	(10)	(459)	(1,652)
<b>Balance as of December 31, 2005</b>	<b>5,790</b>	<b>4,798</b>	<b>3,263</b>	<b>1,753</b>	<b>4,666</b>	<b>20,270</b>
Revisions of previous estimates	127	133	(168)	20	150	262
Extensions, discoveries and other	283	32	–	–	–	315
Acquisitions of reserves in place	–	–	12	–	–	12
Sales of reserves in place	(31)	–	(161)	–	–	(192)
Production for the year	(717)	(176)	(235)	(4)	(469)	(1,601)
<b>Balance as of December 31, 2006</b>	<b>5,452</b>	<b>4,787</b>	<b>2,711</b>	<b>1,769</b>	<b>4,347</b>	<b>19,066</b>
Revisions of previous estimates	487	805	88	(163)	(79)	1,138
Extensions, discoveries and other	265	12	3	–	263	543
Acquisitions of reserves in place	–	–	–	–	–	–
Sales of reserves in place	–	(1)	–	–	–	(1)
Production for the year	(673)	(232)	(238)	(34)	(486)	(1,663)
<b>Balance as of December 31, 2007</b>	<b>5,531</b>	<b>5,371</b>	<b>2,564</b>	<b>1,572</b>	<b>4,045</b>	<b>19,083</b>
Revisions of previous estimates	145	381	366	300	458	1,650
Extensions, discoveries and other	377	17	–	–	90	484
Acquisitions of reserves in place	76	–	–	–	–	76
Sales of reserves in place	–	–	–	–	(15)	(15)
Production for the year	(622)	(240)	(216)	(103)	(480)	(1,661)
<b>Balance as of December 31, 2008</b>	<b>5,507</b>	<b>5,529</b>	<b>2,714</b>	<b>1,769</b>	<b>4,098</b>	<b>19,617</b>
Revisions of previous estimates	73	(127)	25	(18)	(165)	(212)
Extensions, discoveries and other	55	61	382	399	–	897
Acquisitions of reserves in place	58	–	752	–	–	810
Sales of reserves in place	(13)	–	(64)	–	–	(77)
Production for the year	(633)	(217)	(212)	(122)	(467)	(1,651)
<b>Balance as of December 31, 2009</b>	<b>5,047</b>	<b>5,246</b>	<b>3,597</b>	<b>2,028</b>	<b>3,466</b>	<b>19,384</b>
<b>Minority interest in proved developed and undeveloped reserves</b>						
As of December 31, 2005	101	80	–	–	–	181
As of December 31, 2006	92	88	–	–	–	180
As of December 31, 2007	80	111	–	–	–	191
As of December 31, 2008	75	64	–	–	–	139
<b>As of December 31, 2009</b>	<b>73</b>	<b>60</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>133</b>

(1) Asia includes Asia-Pacific and the Commonwealth of Independent States.



## Changes in gas reserves

	Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in billions of cubic feet)</i>						
<b>Equity &amp; non-consolidated affiliates</b>						
<b>Proved developed and undeveloped reserves</b>						
<b>Balance as of December 31, 2004</b>	–	<b>18</b>	–	<b>1,608</b>	–	<b>1,626</b>
Revisions of previous estimates	–	–	–	(7)	–	(7)
Extensions, discoveries and other	–	–	–	2,954	–	2,954
Acquisitions of reserves in place	–	–	–	–	–	–
Sales of reserves in place	–	–	–	–	–	–
Production for the year	–	(1)	–	(92)	–	(93)
<b>Balance as of December 31, 2005</b>	–	<b>17</b>	–	<b>4,463</b>	–	<b>4,480</b>
Revisions of previous estimates	–	3	–	(12)	–	(9)
Extensions, discoveries and other	–	–	–	2,105	–	2,105
Acquisitions of reserves in place	–	1	–	–	–	1
Sales of reserves in place	–	–	–	–	–	–
Production for the year	–	(1)	–	(103)	–	(104)
<b>Balance as of December 31, 2006</b>	–	<b>20</b>	–	<b>6,453</b>	–	<b>6,473</b>
Revisions of previous estimates	–	–	125	30	–	155
Extensions, discoveries and other	–	126	–	–	–	126
Acquisitions of reserves in place	–	–	–	–	–	–
Sales of reserves in place	–	(4)	–	–	–	(4)
Production for the year	–	(2)	–	(101)	–	(103)
<b>Balance as of December 31, 2007</b>	–	<b>140</b>	<b>125</b>	<b>6,382</b>	–	<b>6,647</b>
Revisions of previous estimates	–	–	(13)	–	–	(13)
Extensions, discoveries and other	–	76	–	–	–	76
Acquisitions of reserves in place	–	–	–	–	–	–
Sales of reserves in place	–	–	–	–	–	–
Production for the year	–	(1)	(2)	(106)	–	(109)
<b>Balance as of December 31, 2008</b>	–	<b>215</b>	<b>110</b>	<b>6,276</b>	–	<b>6,601</b>
Revisions of previous estimates	–	127	(13)	363	–	477
Extensions, discoveries and other	–	–	–	–	–	–
Acquisitions of reserves in place	–	–	–	–	–	–
Sales of reserves in place	–	–	–	–	–	–
Production for the year	–	(1)	(2)	(141)	–	(144)
<b>Balance as of December 31, 2009</b>	–	<b>341</b>	<b>95</b>	<b>6,498</b>	–	<b>6,934</b>

(1) Asia includes Asia-Pacific and the Commonwealth of Independent States.



## Changes in gas reserves

	Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in billions of cubic feet)</i>						
<b>Consolidated subsidiaries and equity &amp; non-consolidated affiliates</b>						
<b>Balance as of December 31, 2005</b>						
<b>Proved developed and undeveloped</b>	<b>5,790</b>	<b>4,815</b>	<b>3,263</b>	<b>6,216</b>	<b>4,666</b>	<b>24,750</b>
Consolidated subsidiaries	5,790	4,798	3,263	1,753	4,666	20,270
Equity and non-consolidated affiliates	–	17	–	4,463	–	4,480
<b>Proved developed</b>	<b>4,130</b>	<b>2,302</b>	<b>1,898</b>	<b>1,543</b>	<b>2,922</b>	<b>12,795</b>
Consolidated subsidiaries	4,130	2,285	1,898	35	2,922	11,270
Equity and non-consolidated affiliates	–	17	–	1,508	–	1,525
<b>Proved undeveloped</b>	<b>1,660</b>	<b>2,513</b>	<b>1,365</b>	<b>4,673</b>	<b>1,744</b>	<b>11,955</b>
Consolidated subsidiaries	1,660	2,513	1,365	1,718	1,744	9,000
Equity and non-consolidated affiliates	–	–	–	2,955	–	2,955
<b>Balance as of December 31, 2006</b>						
<b>Proved developed and undeveloped</b>	<b>5,452</b>	<b>4,807</b>	<b>2,711</b>	<b>8,222</b>	<b>4,347</b>	<b>25,539</b>
Consolidated subsidiaries	5,452	4,787	2,711	1,769	4,347	19,066
Equity and non-consolidated affiliates	–	20	–	6,453	–	6,473
<b>Proved developed</b>	<b>3,632</b>	<b>2,663</b>	<b>1,533</b>	<b>2,072</b>	<b>2,732</b>	<b>12,632</b>
Consolidated subsidiaries	3,632	2,643	1,533	761	2,732	11,301
Equity and non-consolidated affiliates	–	20	–	1,311	–	1,331
<b>Proved undeveloped</b>	<b>1,820</b>	<b>2,144</b>	<b>1,178</b>	<b>6,150</b>	<b>1,615</b>	<b>12,907</b>
Consolidated subsidiaries	1,820	2,144	1,178	1,008	1,615	7,765
Equity and non-consolidated affiliates	–	–	–	5,142	–	5,142
<b>Balance as of December 31, 2007</b>						
<b>Proved developed and undeveloped</b>	<b>5,531</b>	<b>5,511</b>	<b>2,689</b>	<b>7,954</b>	<b>4,045</b>	<b>25,730</b>
Consolidated subsidiaries	5,531	5,371	2,564	1,572	4,045	19,083
Equity and non-consolidated affiliates	–	140	125	6,382	–	6,647
<b>Proved developed</b>	<b>3,602</b>	<b>2,574</b>	<b>1,647</b>	<b>2,797</b>	<b>2,487</b>	<b>13,107</b>
Consolidated subsidiaries	3,602	2,560	1,619	1,572	2,487	11,840
Equity and non-consolidated affiliates	–	14	28	1,225	–	1,267
<b>Proved undeveloped</b>	<b>1,929</b>	<b>2,937</b>	<b>1,042</b>	<b>5,157</b>	<b>1,558</b>	<b>12,623</b>
Consolidated subsidiaries	1,929	2,811	945	–	1,558	7,243
Equity and non-consolidated affiliates	–	126	97	5,157	–	5,380
<b>Balance as of December 31, 2008</b>						
<b>Proved developed and undeveloped</b>	<b>5,507</b>	<b>5,744</b>	<b>2,824</b>	<b>8,045</b>	<b>4,098</b>	<b>26,218</b>
Consolidated subsidiaries	5,507	5,529	2,714	1,769	4,098	19,617
Equity and non-consolidated affiliates	–	215	110	6,276	–	6,601
<b>Proved developed</b>	<b>3,989</b>	<b>2,292</b>	<b>1,849</b>	<b>2,893</b>	<b>2,440</b>	<b>13,463</b>
Consolidated subsidiaries	3,989	2,280	1,807	1,766	2,440	12,282
Equity and non-consolidated affiliates	–	12	42	1,127	–	1,181
<b>Proved undeveloped</b>	<b>1,518</b>	<b>3,452</b>	<b>975</b>	<b>5,152</b>	<b>1,658</b>	<b>12,755</b>
Consolidated subsidiaries	1,518	3,249	907	3	1,658	7,335
Equity and non-consolidated affiliates	–	203	68	5,149	–	5,420
<b>Balance as of December 31, 2009</b>						
<b>Proved developed and undeveloped</b>	<b>5,047</b>	<b>5,587</b>	<b>3,692</b>	<b>8,526</b>	<b>3,466</b>	<b>26,318</b>
Consolidated subsidiaries	5,047	5,246	3,597	2,028	3,466	19,384
Equity and non-consolidated affiliates	–	341	95	6,498	–	6,934
<b>Proved developed</b>	<b>3,463</b>	<b>2,272</b>	<b>2,388</b>	<b>6,606</b>	<b>2,059</b>	<b>16,788</b>
Consolidated subsidiaries	3,463	2,261	2,343	1,773	2,059	11,899
Equity and non-consolidated affiliates	–	11	45	4,833	–	4,889
<b>Proved undeveloped</b>	<b>1,584</b>	<b>3,315</b>	<b>1,304</b>	<b>1,920</b>	<b>1,407</b>	<b>9,530</b>
Consolidated subsidiaries	1,584	2,985	1,254	255	1,407	7,485
Equity and non-consolidated affiliates	–	330	50	1,665	–	2,045

(1) Asia includes Asia-Pacific and the Commonwealth of Independent States.



## 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 activities.

		Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
		Consolidated subsidiaries					
<i>(in million euros)</i>							
<b>Year ended December 31, 2005</b>							
Revenues	Non-Group sales	2,384	1,911	1,708	912	1,763	8,678
	Group sales	6,629	8,080	819	471	448	16,447
<b>Total Revenues</b>		<b>9,013</b>	<b>9,991</b>	<b>2,527</b>	<b>1,383</b>	<b>2,211</b>	<b>25,125</b>
Production costs		(851)	(605)	(163)	(141)	(197)	(1,957)
Exploration expenses		(85)	(148)	(104)	(2)	(92)	(431)
Depreciation, depletion and amortization, and valuation allowances		(1,164)	(851)	(350)	(331)	(319)	(3,015)
Other expenses <sup>(2)</sup>		(207)	(1,052)	(354)	(314)	(41)	(1,968)
<b>Pre-tax income from producing activities</b>		<b>6,706</b>	<b>7,335</b>	<b>1,556</b>	<b>595</b>	<b>1,562</b>	<b>17,754</b>
Income tax		(4,089)	(5,056)	(581)	(236)	(775)	(10,737)
<b>Results of oil and gas producing activities</b>		<b>2,617</b>	<b>2,279</b>	<b>975</b>	<b>359</b>	<b>787</b>	<b>7,017</b>
<b>Year ended December 31, 2006</b>							
Revenues	Non-Group sales	3,285	2,550	1,496	965	2,273	10,569
	Group sales	7,333	8,179	660	527	478	17,177
<b>Total Revenues</b>		<b>10,618</b>	<b>10,729</b>	<b>2,156</b>	<b>1,492</b>	<b>2,751</b>	<b>27,746</b>
Production costs		(910)	(731)	(196)	(135)	(217)	(2,189)
Exploration expenses		(140)	(246)	(110)	(6)	(131)	(633)
Depreciation, depletion and amortization, and valuation allowances		(1,256)	(844)	(234)	(321)	(343)	(2,998)
Other expenses <sup>(2)</sup>		(227)	(1,274)	(518)	(344)	(47)	(2,410)
<b>Pre-tax income from producing activities</b>		<b>8,085</b>	<b>7,634</b>	<b>1,098</b>	<b>686</b>	<b>2,013</b>	<b>19,516</b>
Income tax		(5,115)	(5,335)	(541)	(285)	(999)	(12,275)
<b>Results of oil and gas producing activities</b>		<b>2,970</b>	<b>2,299</b>	<b>557</b>	<b>401</b>	<b>1,014</b>	<b>7,241</b>
<b>Year ended December 31, 2007</b>							
Revenues	Non-Group sales	3,715	2,497	1,869	1,180	2,150	11,411
	Group sales	5,484	9,724	417	321	558	16,504
<b>Total Revenues</b>		<b>9,199</b>	<b>12,221</b>	<b>2,286</b>	<b>1,501</b>	<b>2,708</b>	<b>27,915</b>
Production costs		(1,102)	(906)	(248)	(192)	(240)	(2,688)
Exploration expenses		(113)	(480)	(145)	(9)	(129)	(876)
Depreciation, depletion and amortization, and valuation allowances		(1,287)	(932)	(379)	(318)	(395)	(3,311)
Other expenses <sup>(2)</sup>		(244)	(1,238)	(544)	(273)	(50)	(2,349)
<b>Pre-tax income from producing activities</b>		<b>6,453</b>	<b>8,665</b>	<b>970</b>	<b>709</b>	<b>1,894</b>	<b>18,691</b>
Income tax		(4,180)	(5,772)	(576)	(421)	(934)	(11,883)
<b>Results of oil and gas producing activities</b>		<b>2,273</b>	<b>2,893</b>	<b>394</b>	<b>288</b>	<b>960</b>	<b>6,808</b>

(1) Asia includes Asia-Pacific and the Commonwealth of Independent States.

(2) Including production taxes and IAS 37 accretion expense (146 M€ in 2005, 162 M€ in 2006, 169 M€ in 2007, 223 M€ in 2008 and 271 M€ in 2009).



# UPSTREAM

		Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in million euros)</i>		Consolidated subsidiaries					
<b>Year ended December 31, 2008</b>							
Revenues	Non-Group sales	4,521	2,930	707	1,558	2,819	12,535
	Group sales	6,310	11,425	360	409	626	19,130
<b>Total Revenues</b>		<b>10,831</b>	<b>14,355</b>	<b>1,067</b>	<b>1,967</b>	<b>3,445</b>	<b>31,665</b>
Production costs		(1,280)	(1,055)	(213)	(249)	(263)	(3,060)
Exploration expenses		(185)	(209)	(130)	(4)	(236)	(764)
Depreciation, depletion and amortization, and valuation allowances		(1,266)	(1,195)	(318)	(364)	(471)	(3,614)
Other expenses <sup>(2)</sup>		(260)	(1,214)	(225)	(357)	(60)	(2,116)
<b>Pre-tax income from producing activities</b>		<b>7,840</b>	<b>10,682</b>	<b>181</b>	<b>993</b>	<b>2,415</b>	<b>22,111</b>
Income tax		(5,376)	(7,160)	(109)	(481)	(1,212)	(14,338)
<b>Results of oil and gas producing activities</b>		<b>2,464</b>	<b>3,522</b>	<b>72</b>	<b>512</b>	<b>1,203</b>	<b>7,773</b>
<b>Year ended December 31, 2009</b>							
Revenues	Non-Group sales	2,499	1,994	583	859	1,926	7,861
	Group sales	4,728	7,423	310	556	597	13,614
<b>Total Revenues</b>		<b>7,227</b>	<b>9,417</b>	<b>893</b>	<b>1,415</b>	<b>2,523</b>	<b>21,475</b>
Production costs		(1,155)	(1,122)	(193)	(204)	(243)	(2,917)
Exploration expenses		(160)	(265)	(121)	(81)	(70)	(697)
Depreciation, depletion and amortization, and valuation allowances		(1,489)	(1,471)	(262)	(314)	(613)	(4,149)
Other expenses <sup>(2)</sup>		(261)	(895)	(181)	(170)	(56)	(1,563)
<b>Pre-tax income from producing activities</b>		<b>4,162</b>	<b>5,664</b>	<b>136</b>	<b>646</b>	<b>1,541</b>	<b>12,149</b>
Income tax		(2,948)	(3,427)	(103)	(309)	(747)	(7,534)
<b>Results of oil and gas producing activities</b>		<b>1,214</b>	<b>2,237</b>	<b>33</b>	<b>337</b>	<b>794</b>	<b>4,615</b>
<b>Group's share of equity affiliates' results of oil and gas producing activities</b>							
Year ended December 31, 2005		–	113	–	166	–	279
Year ended December 31, 2006		–	125	–	257	–	382
Year ended December 31, 2007		–	95	–	179	–	274
Year ended December 31, 2008		–	49	245	287	–	581
		Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in million euros)</i>		Equity affiliates					
<b>Year ended December 31, 2009</b>							
Revenues	Non-Group sales	–	203	528	231	–	962
	Group sales	–	–	–	3,382	–	3,382
<b>Total Revenues</b>		<b>–</b>	<b>203</b>	<b>528</b>	<b>3,613</b>	<b>–</b>	<b>4,344</b>
Production costs		–	(31)	(41)	(271)	–	(343)
Exploration expenses		–	–	(17)	–	–	(17)
Depreciation, depletion and amortization, and valuation allowances		–	(42)	(73)	(247)	–	(362)
Other expenses		–	(9)	(205)	(2,800)	–	(3,014)
<b>Pre-tax income from producing activities</b>		<b>–</b>	<b>121</b>	<b>192</b>	<b>295</b>	<b>–</b>	<b>608</b>
Income tax		–	(93)	(74)	(101)	–	(268)
<b>Results of oil and gas producing activities</b>		<b>–</b>	<b>28</b>	<b>118</b>	<b>194</b>	<b>–</b>	<b>340</b>

(1) Asia includes Asia-Pacific and the Commonwealth of Independent States.

(2) Including production taxes and IAS 37 accretion expense (146 M€ in 2005, 162 M€ in 2006, 169 M€ in 2007, 223 M€ in 2008 and 271 M€ in 2009).





## Costs incurred in oil and gas property acquisition, exploration and development activities

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

	Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in million euros)</i>						
<b>Consolidated subsidiaries</b>						
<b>Year ended December 31, 2005</b>						
Proved property acquisition	–	25	17	–	74	116
Unproved property acquisition	–	56	3	–	–	59
Exploration costs	108	298	81	6	92	585
Development costs <sup>(2)</sup>	1,201	1,907	507	438	1,116	5,169
<b>Total cost incurred</b>	<b>1,309</b>	<b>2,286</b>	<b>608</b>	<b>444</b>	<b>1,282</b>	<b>5,929</b>
<b>Year ended December 31, 2006</b>						
Proved property acquisition	58	3	125	1	52	239
Unproved property acquisition	–	20	42	–	240	302
Exploration costs	229	538	204	5	176	1,152
Development costs <sup>(2)</sup>	1,284	2,272	598	430	1,170	5,754
<b>Total cost incurred</b>	<b>1,571</b>	<b>2,833</b>	<b>969</b>	<b>436</b>	<b>1,638</b>	<b>7,447</b>
<b>Year ended December 31, 2007</b>						
Proved property acquisition	–	50	–	7	4	61
Unproved property acquisition	–	265	9	10	18	302
Exploration costs	230	586	126	9	244	1,195
Development costs <sup>(2)</sup>	1,762	2,853	615	320	1,275	6,825
<b>Total cost incurred</b>	<b>1,992</b>	<b>3,754</b>	<b>750</b>	<b>346</b>	<b>1,541</b>	<b>8,383</b>
<b>Year ended December 31, 2008</b>						
Proved property acquisition	269	78	–	8	18	373
Unproved property acquisition	24	143	22	5	3	197
Exploration costs	228	493	155	11	312	1,199
Development costs <sup>(2)</sup>	2,035	3,121	408	281	1,596	7,441
<b>Total cost incurred</b>	<b>2,556</b>	<b>3,835</b>	<b>585</b>	<b>305</b>	<b>1,929</b>	<b>9,210</b>
<b>Year ended December 31, 2009</b>						
Proved property acquisition	71	45	1,551	105	–	1,772
Unproved property acquisition	26	8	403	–	21	458
Exploration costs	284	475	222	87	123	1,191
Development costs <sup>(2)</sup>	1,658	3,288	618	250	1,852	7,666
<b>Total cost incurred</b>	<b>2,039</b>	<b>3,816</b>	<b>2,794</b>	<b>442</b>	<b>1,996</b>	<b>11,087</b>
<b>Group's share of equity affiliates' costs incurred</b>						
Year ended December 31, 2005	–	45	–	145	–	190
Year ended December 31, 2006	–	71	–	716	–	787
Year ended December 31, 2007	–	48	–	599	–	647
Year ended December 31, 2008	–	360	85	527	–	972

	Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in million euros)</i>						
<b>Equity affiliates</b>						
<b>Year ended December 31, 2009</b>						
Proved property acquisition	–	–	–	–	–	–
Unproved property acquisition	–	–	–	–	–	–
Exploration costs	–	–	22	3	–	25
Development costs <sup>(2)</sup>	–	28	93	293	23	437
<b>Total cost incurred</b>	<b>–</b>	<b>28</b>	<b>115</b>	<b>296</b>	<b>23</b>	<b>462</b>

(1) Asia includes Asia-Pacific and the Commonwealth of Independent States.

(2) Including asset retirement costs capitalized during the year and any gains or losses recognized upon settlement of asset retirement obligations during the year.

## Capitalized cost related to oil and gas producing activities

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

	Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in million euros)</i>						
Consolidated subsidiaries						
<b>As of December 31, 2005</b>						
Proved properties	26,922	19,227	5,387	4,456	5,715	61,707
Unproved properties	63	731	158	3	96	1,051
<b>Total capitalized costs</b>	<b>26,985</b>	<b>19,958</b>	<b>5,545</b>	<b>4,459</b>	<b>5,811</b>	<b>62,758</b>
Accumulated depreciation, depletion and amortization	(19,190)	(11,708)	(2,838)	(2,809)	(1,668)	(38,213)
<b>Net capitalized costs</b>	<b>7,795</b>	<b>8,250</b>	<b>2,707</b>	<b>1,650</b>	<b>4,143</b>	<b>24,545</b>
<b>As of December 31, 2006</b>						
Proved properties	28,217	19,569	4,932	4,381	6,110	63,209
Unproved properties	89	807	278	3	336	1,513
<b>Total capitalized costs</b>	<b>28,306</b>	<b>20,376</b>	<b>5,210</b>	<b>4,384</b>	<b>6,446</b>	<b>64,722</b>
Accumulated depreciation, depletion and amortization	(20,456)	(11,271)	(2,163)	(2,839)	(1,743)	(38,472)
<b>Net capitalized costs</b>	<b>7,850</b>	<b>9,105</b>	<b>3,047</b>	<b>1,545</b>	<b>4,703</b>	<b>26,250</b>
<b>As of December 31, 2007</b>						
Proved properties	29,263	20,035	4,032	4,266	6,951	64,547
Unproved properties	215	993	153	12	395	1,768
<b>Total capitalized costs</b>	<b>29,478</b>	<b>21,028</b>	<b>4,185</b>	<b>4,278</b>	<b>7,346</b>	<b>66,315</b>
Accumulated depreciation, depletion and amortization	(21,092)	(10,484)	(1,683)	(2,861)	(2,005)	(38,125)
<b>Net capitalized costs</b>	<b>8,386</b>	<b>10,544</b>	<b>2,502</b>	<b>1,417</b>	<b>5,341</b>	<b>28,190</b>
<b>As of December 31, 2008</b>						
Proved properties	26,030	25,136	4,508	4,824	8,836	69,334
Unproved properties	132	1,145	204	25	410	1,916
<b>Total capitalized costs</b>	<b>26,162</b>	<b>26,281</b>	<b>4,712</b>	<b>4,849</b>	<b>9,246</b>	<b>71,250</b>
Accumulated depreciation, depletion and amortization	(18,382)	(12,339)	(2,051)	(3,420)	(2,598)	(38,790)
<b>Net capitalized costs</b>	<b>7,780</b>	<b>13,942</b>	<b>2,661</b>	<b>1,429</b>	<b>6,648</b>	<b>32,460</b>
<b>As of December 31, 2009</b>						
Proved properties	30,613	27,557	7,123	5,148	10,102	80,543
Unproved properties	337	1,138	839	30	555	2,899
<b>Total capitalized costs</b>	<b>30,950</b>	<b>28,695</b>	<b>7,962</b>	<b>5,178</b>	<b>10,657</b>	<b>83,442</b>
Accumulated depreciation, depletion and amortization	(21,870)	(13,510)	(2,214)	(3,325)	(3,085)	(44,004)
<b>Net capitalized costs</b>	<b>9,080</b>	<b>15,185</b>	<b>5,748</b>	<b>1,853</b>	<b>7,572</b>	<b>39,438</b>
<b>Group's share of equity affiliates' net capitalized costs <sup>(2)</sup></b>						
Year ended December 31, 2005	–	296	–	365	–	661
Year ended December 31, 2006	–	321	–	882	–	1,203
Year ended December 31, 2007	–	233	–	403	–	636
Year ended December 31, 2008	–	403	288	638	–	1,329

	Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in million euros)</i>						
Equity affiliates						
<b>As of December 31, 2009</b>						
Proved properties	–	610	726	2,404	–	3,740
Unproved properties	–	–	135	–	62	197
<b>Total capitalized costs</b>	<b>–</b>	<b>610</b>	<b>861</b>	<b>2,404</b>	<b>62</b>	<b>3,937</b>
Accumulated depreciation, depletion and amortization	–	(387)	(171)	(1,723)	–	(2,281)
<b>Net capitalized costs</b>	<b>–</b>	<b>223</b>	<b>690</b>	<b>681</b>	<b>62</b>	<b>1,656</b>

(1) Asia includes Asia-Pacific and the Commonwealth of Independent States.

(2) Capitalized costs previously reported for equity affiliates have been restated to be consistent with the methods used for consolidated subsidiaries.



## Standardized measure of discounted future net cash flows

(excluding transportation)

The standardized measure of discounted future net cash flows relating to proved oil, bitumen 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.
3. 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
5. 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.

	Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in million euros)</i>						
<b>Consolidated subsidiaries</b>						
<b>As of December 31, 2005</b>						
Future cash inflows	80,179	119,119	47,280	13,305	35,524	295,407
Future production costs	(8,842)	(19,402)	(14,634)	(3,643)	(5,026)	(51,547)
Future development costs	(6,581)	(13,087)	(2,859)	(709)	(5,001)	(28,237)
Future income taxes	(43,824)	(54,598)	(9,476)	(3,129)	(9,010)	(120,037)
<b>Future net cash flows, after income taxes</b>	<b>20,932</b>	<b>32,032</b>	<b>20,311</b>	<b>5,824</b>	<b>16,487</b>	<b>95,586</b>
Discount at 10%	(7,592)	(13,856)	(12,431)	(2,847)	(9,466)	(46,192)
<b>Standardized measure of discounted future net cash flows</b>	<b>13,340</b>	<b>18,176</b>	<b>7,880</b>	<b>2,977</b>	<b>7,021</b>	<b>49,394</b>
<b>As of December 31, 2006</b>						
Future cash inflows	59,051	108,847	35,993	11,409	33,639	248,939
Future production costs	(10,057)	(19,223)	(15,053)	(2,964)	(5,268)	(52,565)
Future development costs	(9,379)	(15,929)	(3,486)	(682)	(6,787)	(36,263)
Future income taxes	(28,069)	(45,714)	(7,242)	(2,690)	(7,320)	(91,035)
<b>Future net cash flows, after income taxes</b>	<b>11,546</b>	<b>27,981</b>	<b>10,212</b>	<b>5,073</b>	<b>14,264</b>	<b>69,076</b>
Discount at 10%	(4,545)	(12,171)	(6,133)	(2,380)	(8,799)	(34,028)
<b>Standardized measure of discounted future net cash flows</b>	<b>7,001</b>	<b>15,810</b>	<b>4,079</b>	<b>2,693</b>	<b>5,465</b>	<b>35,048</b>
<b>As of December 31, 2007</b>						
Future cash inflows	87,540	157,199	15,000	13,377	46,758	319,874
Future production costs	(12,897)	(23,109)	(6,702)	(3,342)	(5,519)	(51,569)
Future development costs	(10,764)	(19,012)	(2,157)	(693)	(7,541)	(40,167)
Future income taxes	(43,851)	(75,557)	(1,475)	(3,460)	(11,436)	(135,779)
<b>Future net cash flows, after income taxes</b>	<b>20,028</b>	<b>39,521</b>	<b>4,666</b>	<b>5,882</b>	<b>22,262</b>	<b>92,359</b>
Discount at 10%	(8,070)	(17,474)	(2,087)	(2,673)	(13,591)	(43,895)
<b>Standardized measure of discounted future net cash flows</b>	<b>11,958</b>	<b>22,047</b>	<b>2,579</b>	<b>3,209</b>	<b>8,671</b>	<b>48,464</b>
<b>As of December 31, 2008</b>						
Future cash inflows	42,749	67,761	7,963	7,047	19,745	145,265
Future production costs	(8,593)	(15,372)	(4,040)	(1,942)	(5,224)	(35,171)
Future development costs	(10,423)	(21,594)	(1,863)	(733)	(7,497)	(42,110)
Future income taxes	(15,651)	(14,571)	(367)	(1,577)	(2,545)	(34,711)
<b>Future net cash flows, after income taxes</b>	<b>8,082</b>	<b>16,224</b>	<b>1,693</b>	<b>2,795</b>	<b>4,479</b>	<b>33,273</b>
Discount at 10%	(3,645)	(8,144)	(715)	(1,333)	(3,450)	(17,287)
<b>Standardized measure of discounted future net cash flows</b>	<b>4,437</b>	<b>8,080</b>	<b>978</b>	<b>1,462</b>	<b>1,029</b>	<b>15,986</b>

(1) Asia includes Asia-Pacific and the Commonwealth of Independent States.



## Standardized measure of discounted future net cash flows (excluding transportation)

	Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in million euros)</i>						
<b>Consolidated subsidiaries</b>						
<b>As of December 31, 2009</b>						
Future cash inflows	50,580	107,679	18,804	9,013	32,004	218,080
Future production costs	(11,373)	(23,253)	(8,286)	(2,831)	(6,996)	(52,739)
Future development costs	(12,795)	(21,375)	(5,728)	(698)	(6,572)	(47,168)
Future income taxes	(17,126)	(36,286)	(1,293)	(2,041)	(5,325)	(62,071)
<b>Future net cash flows, after income taxes</b>	<b>9,286</b>	<b>26,765</b>	<b>3,497</b>	<b>3,443</b>	<b>13,111</b>	<b>56,102</b>
Discount at 10%	(3,939)	(13,882)	(2,696)	(1,558)	(8,225)	(30,300)
<b>Standardized measure of discounted future net cash flows</b>	<b>5,347</b>	<b>12,883</b>	<b>801</b>	<b>1,885</b>	<b>4,886</b>	<b>25,802</b>

<b>Minority interest in future net cash flows</b>						
As of December 31, 2005	(515)	(546)	–	–	–	(1,061)
As of December 31, 2006	(255)	(418)	–	–	–	(673)
As of December 31, 2007	407	654	–	–	–	1,061
As of December 31, 2008	217	(50)	–	–	–	167
<b>As of December 31, 2009</b>	<b>212</b>	<b>60</b>	<b>–</b>	<b>–</b>	<b>–</b>	<b>272</b>

<b>Group's share of equity affiliates' future net cash flows</b>						
As of December 31, 2005	–	598	–	2,930	–	3,528
As of December 31, 2006	–	549	–	3,545	–	4,094
As of December 31, 2007	–	526	2,998	6,554	–	10,078
As of December 31, 2008	–	418	608	4,275	–	5,301

	Europe	Africa	Americas	Middle East	Asia <sup>(1)</sup>	Total
<i>(in million euros)</i>						
<b>Equity affiliates</b>						
<b>As of December 31, 2009</b>						
Future cash inflows	–	1,432	16,750	48,486	–	66,668
Future production costs	–	(624)	(6,993)	(30,739)	–	(38,356)
Future development costs	–	(26)	(1,924)	(3,891)	–	(5,841)
Future income taxes	–	(245)	(3,650)	(1,843)	–	(5,738)
<b>Future net cash flows, after income taxes</b>	<b>–</b>	<b>537</b>	<b>4,183</b>	<b>12,013</b>	<b>–</b>	<b>16,733</b>
Discount at 10%	–	(239)	(2,816)	(6,383)	–	(9,438)
<b>Standardized measure of discounted future net cash flows</b>	<b>–</b>	<b>298</b>	<b>1,367</b>	<b>5,630</b>	<b>–</b>	<b>7,295</b>

(1) Asia includes Asia-Pacific and the Commonwealth of Independent States.



Log on to  
[www.total.com](http://www.total.com)

Download  
all the tables from 1998  
to 2009 in Excel format



## Changes in the standardized measure of discounted future net cash flows

<i>(in million euros)</i>	2009	2008	2007	2006	2005
<b>Consolidated subsidiaries</b>					
<b>Beginning of year</b>	<b>15,986</b>	<b>48,464</b>	<b>35,048</b>	<b>49,394</b>	<b>28,837</b>
Sales and transfers, net of production costs	(17,266)	(26,109)	(19,095)	(21,335)	(17,104)
Net change in sales and transfer prices and in production costs and other expenses	35,738	(81,358)	56,678	(11,481)	52,711
Extensions, discoveries and improved recovery	(267)	556	2,895	1,534	1,126
Changes in estimated future development costs	(4,847)	(2,227)	(6,491)	(7,666)	(1,106)
Previously estimated development costs incurred during the year	7,552	6,960	6,581	5,150	5,333
Revisions of previous quantity estimates	164	2,693	(6,521)	(1,382)	6,313
Accretion of discount	1,599	4,846	3,505	4,939	2,444
Net change in income taxes	(12,455)	63,611	(22,585)	16,268	(28,943)
Purchases of reserves in place	230	50	–	574	41
Sales of reserves in place	(632)	(1,500)	(1,551)	(947)	(258)
<b>End of year</b>	<b>25,802</b>	<b>15,986</b>	<b>48,464</b>	<b>35,048</b>	<b>49,394</b>

<i>(in million euros)</i>	2009
<b>Equity affiliates</b>	
<b>Beginning of year</b>	<b>5,301</b>
Sales and transfers, net of production costs	(987)
Net change in sales and transfer prices, and in production costs and other expenses	2,789
Extensions, discoveries and improved recovery	407
Changes in estimated future development costs	(88)
Previously estimated development costs incurred during the year	854
Revisions of previous quantity estimates	(790)
Accretion of discount	530
Net change in income taxes	(721)
Purchases of reserves in place	–
Sales of reserves in place	–
<b>End of year</b>	<b>7,295</b>





## Oil and gas acreage

		2009		2008	
		Undeveloped acreage <sup>(1)</sup>	Developed acreage	Undeveloped acreage <sup>(1)</sup>	Developed acreage
<i>(in thousands of acres at year-end)</i>					
Europe	Gross	5,964	667	5,880	647
	Net	2,203	182	2,191	181
Africa	Gross	85,317	1,137	85,883	1,112
	Net	45,819	308	41,608	292
Americas	Gross	9,834	776	8,749	484
	Net	4,149	259	4,133	186
Middle East	Gross	33,223	204	33,223	199
	Net	2,415	97	2,415	69
Asia	Gross	29,609	397	25,778	387
	Net	16,846	169	12,529	131
<b>Total</b>	<b>Gross</b>	<b>163,947</b>	<b>3,181</b>	<b>159,513</b>	<b>2,829</b>
	<b>Net <sup>(2)</sup></b>	<b>71,432</b>	<b>1,015</b>	<b>62,876</b>	<b>859</b>

		2007		2006	
		Undeveloped acreage <sup>(1)</sup>	Developed acreage	Undeveloped acreage <sup>(1)</sup>	Developed acreage
<i>(in thousands of acres at year-end)</i>					
Europe	Gross	5,762	656	5,840	613
	Net	2,065	173	2,270	168
Africa	Gross	93,469	1,165	96,284	1,273
	Net	50,564	281	52,534	309
Americas	Gross	8,018	495	9,467	537
	Net	3,844	185	4,282	201
Middle East	Gross	84,569	185	84,435	196
	Net	17,816	62	17,755	62
Asia	Gross	30,391	388	26,211	388
	Net	13,417	109	9,902	109
<b>Total</b>	<b>Gross</b>	<b>222,209</b>	<b>2,889</b>	<b>222,237</b>	<b>3,007</b>
	<b>Net <sup>(2)</sup></b>	<b>87,706</b>	<b>810</b>	<b>86,743</b>	<b>849</b>

		2005	
		Undeveloped acreage <sup>(1)</sup>	Developed acreage
<i>(in thousands of acres at year-end)</i>			
Europe	Gross	5,914	667
	Net	2,213	168
Africa	Gross	103,691	1,302
	Net	57,494	309
Americas	Gross	9,293	768
	Net	4,150	319
Middle East	Gross	84,794	182
	Net	17,777	81
Asia	Gross	19,028	370
	Net	7,497	103
<b>Total</b>	<b>Gross</b>	<b>222,720</b>	<b>3,289</b>
	<b>Net <sup>(2)</sup></b>	<b>89,131</b>	<b>980</b>

(1) Undeveloped acreage includes leases and concessions.

(2) Net acreage equals the sum of the Company's fractional interests in gross acreage.



## Number of productive oil and gas wells

<i>(wells at year-end)</i>		2009		2008	
		Gross productive wells	Net productive wells <sup>(1)</sup>	Gross productive wells	Net productive wells <sup>(1)</sup>
Europe	Oil	705	166	700	166
	Gas	328	125	328	127
Africa	Oil	2,371	669	2,465	692
	Gas	190	50	112	34
Americas	Oil	821	241	621	176
	Gas	1,905	424	254	79
Middle East	Oil	3,766	307	3,762	264
	Gas	136	32	83	15
Asia	Oil	157	75	184	68
	Gas	1,156	379	1,049	271
<b>Total</b>	<b>Oil</b>	<b>7,820</b>	<b>1,458</b>	<b>7,732</b>	<b>1,366</b>
	<b>Gas</b>	<b>3,715</b>	<b>1,010</b>	<b>1,826</b>	<b>526</b>

<i>(wells at year-end)</i>		2007		2006	
		Gross productive wells	Net productive wells <sup>(1)</sup>	Gross productive wells	Net productive wells <sup>(1)</sup>
Europe	Oil	718	181	645	171
	Gas	305	115	303	118
Africa	Oil	2,448	684	2,965	734
	Gas	108	31	97	28
Americas	Oil	619	224	569	202
	Gas	276	102	235	60
Middle East	Oil	473	75	527	116
	Gas	70	13	68	13
Asia	Oil	315	96	306	92
	Gas	975	195	974	136
<b>Total</b>	<b>Oil</b>	<b>4,573</b>	<b>1,260</b>	<b>5,012</b>	<b>1,315</b>
	<b>Gas</b>	<b>1,734</b>	<b>456</b>	<b>1,677</b>	<b>355</b>

<i>(wells at year-end)</i>		2005	
		Gross productive wells	Net productive wells <sup>(1)</sup>
Europe	Oil	645	169
	Gas	334	121
Africa	Oil	2,870	734
	Gas	97	28
Americas	Oil	616	223
	Gas	512	232
Middle East	Oil	493	128
	Gas	64	13
Asia	Oil	297	93
	Gas	971	192
<b>Total</b>	<b>Oil</b>	<b>4,921</b>	<b>1,347</b>
	<b>Gas</b>	<b>1,978</b>	<b>586</b>

(1) Net wells equal the sum of the Company's fractional interests in gross wells.

## Number of net oil and gas wells drilled annually

The following tables show the net productive and dry exploratory and development oil and gas wells completed or abandoned by the Group from 2005 to 2009. Productive wells include wells in which hydrocarbons were found, and the drilling or completion of which, in the case of exploratory wells, has been suspended pending drilling or evaluation. A dry well is one found to be incapable of producing in sufficient quantities to justify completion.

		2009			2008		
		Net productive wells drilled <sup>(1)</sup>	Net dry wells drilled <sup>(1)</sup>	Net total wells drilled <sup>(1)</sup>	Net productive wells drilled <sup>(1)</sup>	Net dry wells drilled <sup>(1)</sup>	Net total wells drilled <sup>(1)</sup>
<i>(wells at year-end)</i>							
<b>Exploratory</b>	Europe	–	1.3	1.3	1.3	2.0	3.3
	Africa	4.8	3.9	8.7	4.7	3.2	7.9
	Americas	–	2.0	2.0	–	2.6	2.6
	Middle East	–	–	–	0.4	–	0.4
	Asia	0.5	1.3	1.8	4.1	2.2	6.3
	<b>Total</b>	<b>5.3</b>	<b>8.5</b>	<b>13.8</b>	<b>10.5</b>	<b>10.0</b>	<b>20.5</b>
<b>Development</b>	Europe	5.0	–	5.0	6.2	–	6.2
	Africa	27.5	0.2	27.7	38.3	6.4	44.7
	Americas	31.2	104.3	135.5	41.5	270.9	312.4
	Middle East	45.6	3.4	49.0	61.2	7.6	68.8
	Asia	63.5	0.3	63.8	58.7	–	58.7
	<b>Total</b>	<b>172.8</b>	<b>108.2</b>	<b>281.0</b>	<b>205.9</b>	<b>284.9</b>	<b>490.8</b>
<b>Total</b>	<b>178.1</b>	<b>116.7</b>	<b>294.8</b>	<b>216.4</b>	<b>294.9</b>	<b>511.3</b>	

		2007			2006		
		Net productive wells drilled <sup>(1)</sup>	Net dry wells drilled <sup>(1)</sup>	Net total wells drilled <sup>(1)</sup>	Net productive wells drilled <sup>(1)</sup>	Net dry wells drilled <sup>(1)</sup>	Net total wells drilled <sup>(1)</sup>
<i>(wells at year-end)</i>							
<b>Exploratory</b>	Europe	2.1	1.0	3.1	2.2	2.7	4.9
	Africa	8.1	8.7	16.8	12.3	5.6	17.9
	Americas	0.7	1.3	2.0	2.1	2.1	4.2
	Middle East	–	0.6	0.6	–	1.4	1.4
	Asia	5.5	0.1	5.6	2.7	2.3	5.0
	<b>Total</b>	<b>16.4</b>	<b>11.7</b>	<b>28.1</b>	<b>19.3</b>	<b>14.1</b>	<b>33.4</b>
<b>Development</b>	Europe	13.5	0.1	13.6	12.5	0.4	12.9
	Africa	51.6	–	51.6	35.7	0.9	36.6
	Americas	94.8	105.6	200.4	188.1	–	188.1
	Middle East	82.6	5.1	87.7	44.2	1.0	45.2
	Asia	58.0	–	58.0	6.2	–	6.2
	<b>Total</b>	<b>300.5</b>	<b>110.8</b>	<b>411.3</b>	<b>286.7</b>	<b>2.3</b>	<b>289.0</b>
<b>Total</b>	<b>316.9</b>	<b>122.5</b>	<b>439.4</b>	<b>306.0</b>	<b>16.4</b>	<b>322.4</b>	

		2005		
		Net productive wells drilled <sup>(1)</sup>	Net dry wells drilled <sup>(1)</sup>	Net total wells drilled <sup>(1)</sup>
<i>(wells at year-end)</i>				
<b>Exploratory</b>	Europe	0.4	1.5	1.9
	Africa	7.4	3.2	10.6
	Americas	0.3	1.1	1.4
	Middle East	0.5	–	0.5
	Asia	–	1.0	1.0
	<b>Total</b>	<b>8.6</b>	<b>6.8</b>	<b>15.4</b>
<b>Development</b>	Europe	13.3	1.2	14.5
	Africa	52.4	0.4	52.8
	Americas	315.2	2.2	317.4
	Middle East	51.4	–	51.4
	Asia	57.4	–	57.4
	<b>Total</b>	<b>489.7</b>	<b>3.8</b>	<b>493.5</b>
<b>Total</b>	<b>498.3</b>	<b>10.6</b>	<b>508.9</b>	

(1) Net wells equal the sum of the Company's fractional interests in gross wells.



## Exploratory and development wells in the process of being drilled

(wells at year-end)		2009		2008	
		Gross	Net <sup>(1)</sup>	Gross	Net <sup>(1)</sup>
<b>Exploratory</b>	Europe	1	0.5	2	1.1
	Africa	4	1.3	7	2.5
	Americas	2	0.6	1	0.5
	Middle East	1	0.4	1	0.3
	Asia	–	–	1	0.1
	<b>Total</b>	<b>8</b>	<b>2.8</b>	<b>12</b>	<b>4.5</b>
<b>Development</b>	Europe	5	2.2	7	3.7
	Africa	31	8.5	19	4.3
	Americas	60	17.8	9	3.2
	Middle East	40	4.8	5	2.2
	Asia	12	5.5	23	7.8
	<b>Total</b>	<b>148</b>	<b>38.8</b>	<b>63</b>	<b>21.2</b>
<b>Total</b>	<b>156</b>	<b>41.6</b>	<b>75</b>	<b>25.7</b>	

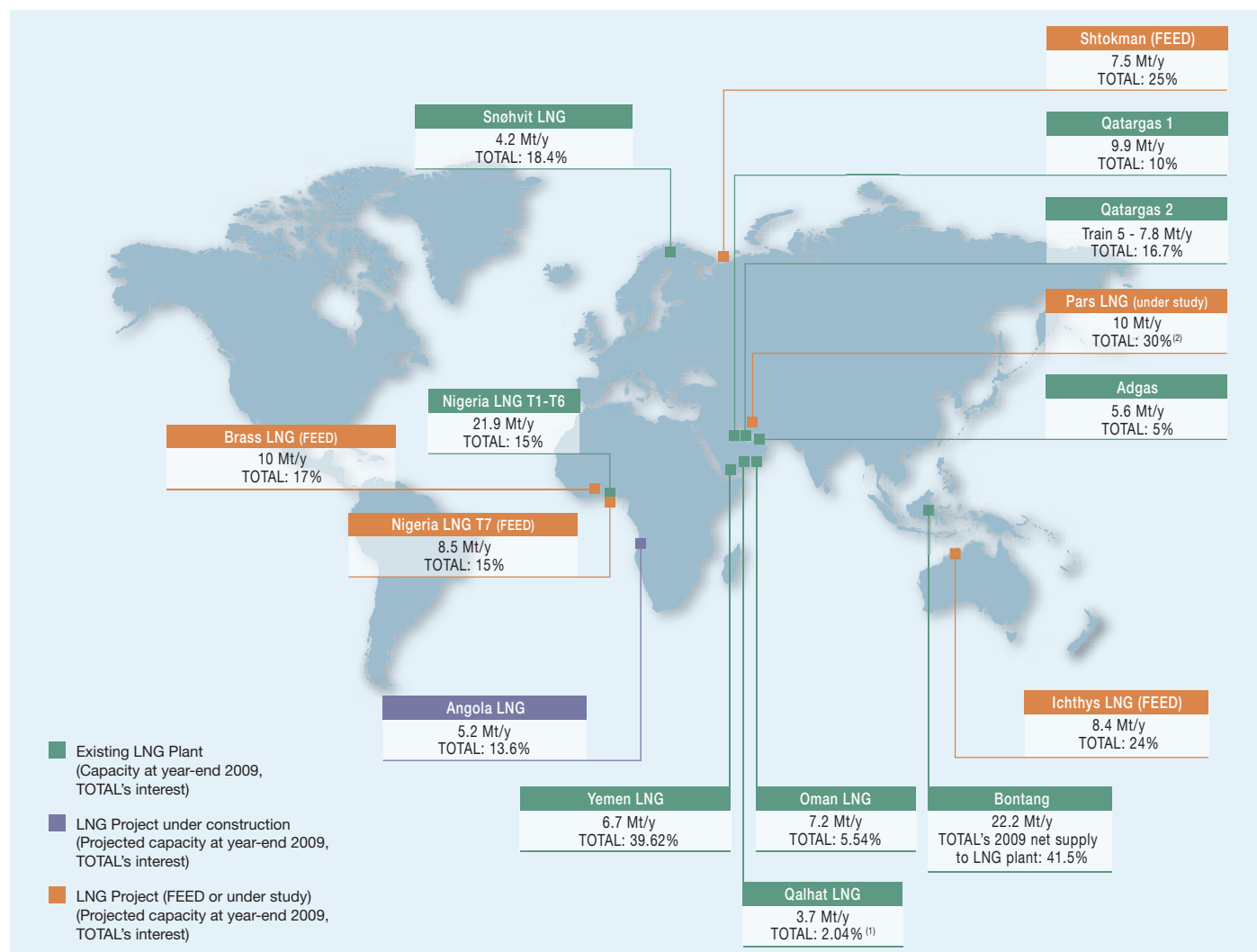
(wells at year-end)		2007		2006	
		Gross	Net <sup>(1)</sup>	Gross	Net <sup>(1)</sup>
<b>Exploratory</b>	Europe	1	0.4	3	1.6
	Africa	3	0.6	13	3.9
	Americas	–	–	1	0.2
	Middle East	–	–	–	–
	Asia	4	1.8	2	2.0
	<b>Total</b>	<b>8</b>	<b>2.8</b>	<b>19</b>	<b>7.7</b>
<b>Development</b>	Europe	22	4.7	20	4.5
	Africa	41	10.5	22	7.5
	Americas	6	2.4	4	1.0
	Middle East	14	6.1	8	3.7
	Asia	29	10.8	19	7.8
	<b>Total</b>	<b>112</b>	<b>34.5</b>	<b>73</b>	<b>24.5</b>
<b>Total</b>	<b>120</b>	<b>37.3</b>	<b>92</b>	<b>32.2</b>	

(wells at year-end)		2005	
		Gross	Net <sup>(1)</sup>
<b>Exploratory</b>	Europe	2	1.0
	Africa	7	3.0
	Americas	2	0.8
	Middle East	1	0.3
	Asia	–	–
	<b>Total</b>	<b>12</b>	<b>5.1</b>
<b>Development</b>	Europe	21	3.8
	Africa	35	10.6
	Americas	9	3.3
	Middle East	17	5.9
	Asia	14	7.0
	<b>Total</b>	<b>96</b>	<b>30.6</b>
<b>Total</b>	<b>108</b>	<b>35.7</b>	

(1) Net wells equal the sum of the Company's fractional interests in gross wells.



### LNG positions as of April 1, 2010



### Liquefied Natural Gas (LNG) sales <sup>(3)</sup>

(kt/y)	2009	2008	2007	2006	2005
Indonesia (Bontang) <sup>(4)</sup>	4,832	4,753	4,909	4,799	4,765
Nigeria (NLNG)	1,623	2,485	2,477	1,947	1,340
Qatar (Qatargas 1)	943	973	938	952	929
Qatar (Qatargas 2)	183	-	-	-	-
Oman <sup>(5)</sup>	381	398	409	418	381
Abu Dhabi (Adgas)	271	289	280	281	272
Norway (Snøhvit)	442	253	64	-	-
Yemen LNG	150	-	-	-	-
<b>Total</b>	<b>8,825</b>	<b>9,152</b>	<b>9,076</b>	<b>8,397</b>	<b>7,687</b>

(1) TOTAL interest through the 36.8% share of Qalhat LNG owned by Oman LNG.

(2) Company estimates after LNG buyers entered the project.

(3) Group share.

(4) From 2005, TOTAL's actual net supply to LNG plant applied to Bontang sales.

(5) Includes both Oman LNG & Qalhat LNG.

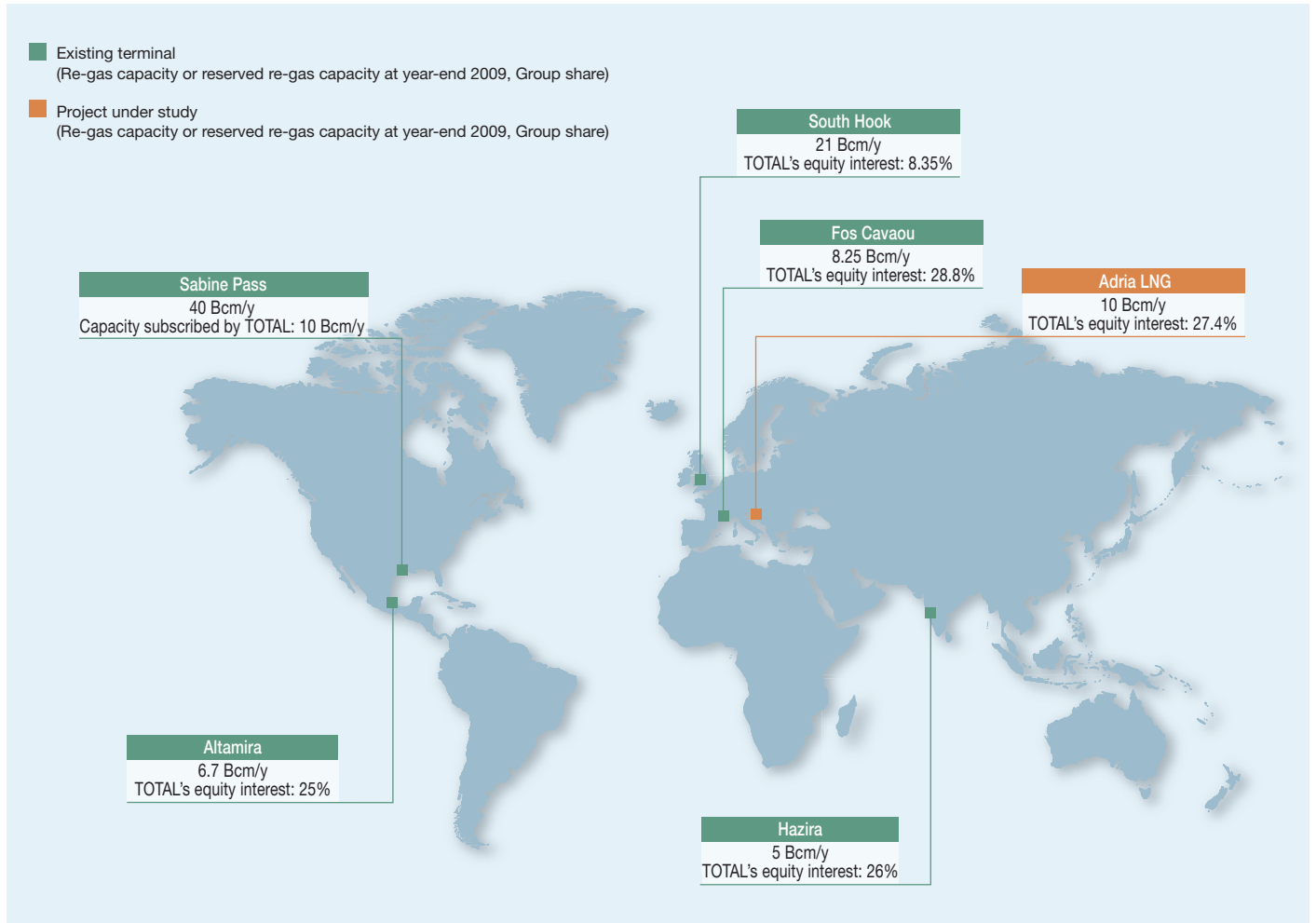


# UPSTREAM

Gas & Power



## Re-gasification terminals as of April 1, 2010



LNG Hazira's re-gasification terminal



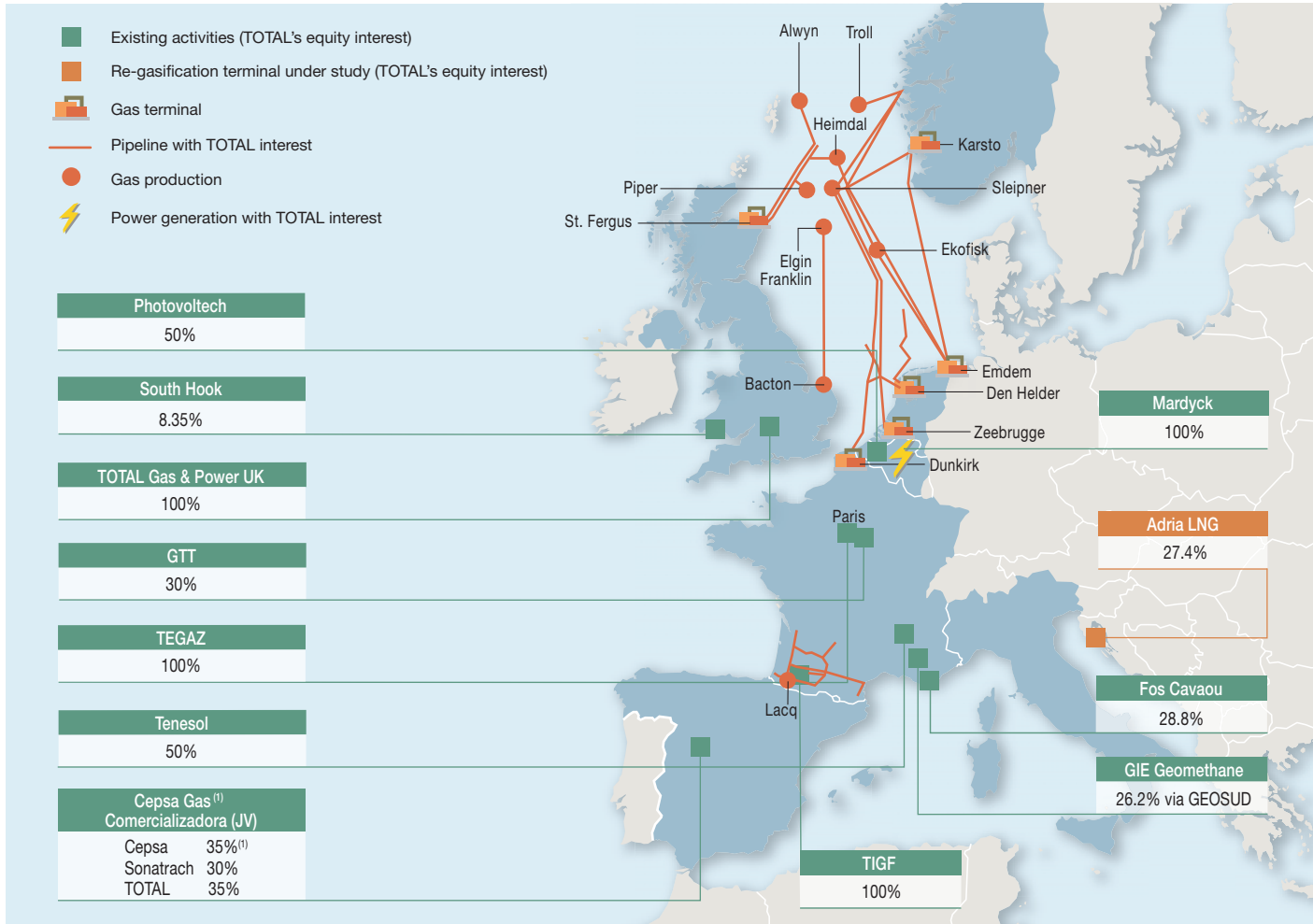
Altamira's re-gasification terminal



# UPSTREAM

Gas & Power

## Gas & Power activities in Europe



South Hook's re-gasification terminal



Solar cells produced by Tenesol

(1) TOTAL has a 48.8% interest in CEPSA.

# UPSTREAM

Gas & Power



## Gas & Power activities in South America





# UPSTREAM

Gas & Power

## Interests in pipelines

As of December 31, 2009

Pipeline(s)	Origin	Destination	% interest	Operator	Liquids	Gas
<b>Europe</b>						
<b>France</b>						
TIGF	Network South West		100.00	X		X
<b>Norway</b>						
Frostpipe (inhibited)	Lille-Frigg, Froy	Oseberg	36.25		X	
Gassled <sup>(1)</sup>			7.78			X
Heimdal to Brae Condensate Line	Heimdal	Brae	16.76		X	
Kvitebjørn Pipeline	Kvitebjørn	Mongstad	5.00		X	
Norpipe Oil	Ekofisk Treatment center	Teeside (UK)	34.93		X	
Oseberg Transport System	Oseberg, Brage and Veslefrikk	Sture	8.65		X	
Sleipner East Condensate Pipe	Sleipner East	Karsto	10.00		X	
Troll Oil Pipeline I and II	Troll B and C	Vestprocess (Mongstad Refinery)	3.71		X	
<b>The Netherlands</b>						
Nogat pipeline	F3-FB	Den Helder	23.19			X
WGT K13-Den Helder	K13A-K4/K5	Den Helder	4.66			X
WGT K13-Extension	Markham	K13-K4/K5	23.00			X
<b>United Kingdom</b>						
Alwyn Liquid Export Line	Alwyn North	Cormorant	100.00	X	X	
Bruce Liquid Export Line	Bruce	Forties (Unity)	43.25		X	
Central Area Transmission System (CATS)	Cats Riser Platform	Teeside	0.57			X
Central Graben Liquid Export Line (LEP)	Elgin-Franklin	ETAP	15.89		X	
Frigg System: UK line	Alwyn North, Bruce and others	St.Fergus (Scotland)	100.00	X		X
Ninian Pipeline System	Ninian	Sullom Voe	16.00		X	
Shearwater Elgin Area Line (SEAL)	Elgin-Franklin, Shearwater	Bacton	25.73			X
SEAL to Interconnector Link (SILK)	Bacton	Interconnector	54.66	X		X
<b>Africa</b>						
<b>Algeria</b>						
Medgas	Algeria	Spain	9.77 <sup>(2)</sup>			X
<b>Gabon</b>						
Mandji Pipe	Mandji fields	Cap Lopez Terminal	100.00 <sup>(3)</sup>	X	X	
Rabi Pipe	Rabi fields	Cap Lopez Terminal	100.00 <sup>(3)</sup>	X	X	
<b>Americas</b>						
<b>Argentina</b>						
Gas Andes	Neuquen Basin (Argentina)	Santiago (Chile)	56.50	X		X
TGN	Network (Northern Argentina)		15.40	X		X
TGM	TGN	Uruguayana (Brazil)	32.68	X		X
<b>Bolivia</b>						
Transierra	Yacuiba (Bolivia)	Rio Grande (Bolivia)	11.00			X
<b>Brazil</b>						
TBG	Bolivia-Brazil border	Porto Alegre via São Paulo	9.67			X
TSB (project)	TGM (Argentina)	TGB (Porto Alegre)	25.00			X
<b>Colombia</b>						
Ocensa	Cusiana, Cupiagua	Covenas Terminal	15.20		X	
Oleoducto de Alta Magdalena	Tenay	Vasconia	0.93		X	
Oleoducto de Colombia	Vasconia	Covenas	9.55		X	
<b>Asia</b>						
<b>Myanmar</b>						
Yadana	Yadana (Myanmar)	Ban-I Tong (Thai border)	31.24	X		X
<b>Rest of world</b>						
BTC	Baku (Azerbaijan)	Ceyhan (Turkey)	5.00		X	
SCP	Baku (Azerbaijan)	Georgia/Turkey Border	10.00			X
Dolphin (International Transport and Network)	Ras Laffan (Qatar)	U.A.E.	24.50			X

(1) Gassled: unitization of Norwegian gas pipelines through a new joint-venture in which TOTAL has an interest of 7.783%. In addition to the direct share in Gassled, TOTAL has a 14.4% interest in the joint-stock company Norseas Gas AS, which holds 2.726% in Gassled.

(2) Through the Group's interest in CEPSA (48.83%).

(3) Interest of Total Gabon. The Group has a financial interest of 57.96% in Total Gabon.



# UPSTREAM

Gas & Power



## Pipeline gas sales <sup>(1)</sup>

(Mcf/d)	2009	2008	2007	2006	2005
France	78	81	91	102	94
United Kingdom	680	627	759	829	889
Norway	618	609	651	662	679
The Netherlands	247	238	248	241	278
Africa	38	41	64	54	52
Azerbaijan	50	73	42	–	–
Brunei	49	60	59	64	54
Qatar	279	243	61	–	–
Syria	31	–	–	–	18
Indonesia <sup>(2)</sup>	119	102	97	94	98
Myanmar	103	117	136	121	109
Thailand	172	196	202	199	194
United States	18	13	28	44	171
Argentina	347	349	351	335	319
Colombia	29	30	30	25	21
Bolivia	89	128	109	94	99
Venezuela	56	56	65	67	94
<b>Total</b>	<b>3,003</b>	<b>2,963</b>	<b>2,994</b>	<b>2,931</b>	<b>3,168</b>

## Power generation facilities

	Interest	Capacity <sup>(3)</sup>	Fuel
<b>France</b>			
Mardyck	100.00%	12 MW	Wind
<b>Thailand</b>			
Bang Bo	28.00%	350 MW	Gas
<b>U.A.E.</b>			
Taweelah A1	20.00%	1,600 MW	Gas

(1) Consolidated entities.

(2) Domestic sales.

(3) Capacity stated at 100%.



# EUROPE ACREAGE

## UPSTREAM

### HIGHLIGHTS

In 2009, TOTAL's production in this zone reached 613 kboe/d, representing 27% of the Group's overall production.

In Norway, the 2007-2009 period included the start-up of the Snøhvit and Tyrihans fields and new developments on existing fields.

In the UK, production began on satellites of Alwyn (Jura, 2008) and Elgin-Franklin (West Franklin, 2007) as well as on the Maria field.

In both countries, TOTAL made several discoveries and entered new exploration permits.



### Production

	2009	2008	2007	2006	2005
Liquids production (kb/d)	295	302	335	365	390
Gas production (Mcf/d)	1,734	1,704	1,846	1,970	2,063
<b>Total (kboe/d)</b>	<b>613</b>	<b>616</b>	<b>674</b>	<b>728</b>	<b>770</b>

### Main projects <sup>(1)</sup>

Start-up	Projects	Type	Capacity (kboe/d)	Share	Op. <sup>(2)</sup>	Country
2009	Tyrihans	Liq/Gas	96	23.2%		Norway
2010-2014(e)	Laggan/Tormore	Liq/Gas	90	60% <sup>(3)</sup>	✓	United Kingdom
	Ekofisk South	Liquids	50	39.9%		Norway
	Tempa Rossa	Heavy oil	55	50%	✓	Italy
2014+	Hild	Liq/Gas	70	49%	✓	Norway
	Eldfisk 2	Liquids	50	39.9%		Norway

(1) Project status as of February 2010.

(2) Operated by TOTAL or through an operating company.

(3) 80% following the acquisition of the 20% interest previously held by ENI UK Limited in March 2010.

# UPSTREAM

Europe acreage



## Producing assets as of December 31, 2009 <sup>(1)</sup>

Country (year of entry into the country)	Group-operated producing assets (Group share)	Non-Group-operated producing assets (Group share)
<b>France (1939)</b>		
	Lacq (100.00%)	Dommartin-Lettrée (56.99%)
	Meillon (100.00%)	
	Pecorade (100.00%)	
	Vic-Bilh (73.00%)	
	Lagrave (100.00%)	
	Lanot (100.00%)	
	Itteville (78.73%)	
	La Croix-Blanche (100.00%)	
	Rousse (100.00%)	
	Vert-le-Grand (90.05%)	
	Vert-le-Petit (100.00%)	
<b>Norway (1965)</b>		
	Skirne (40.00%)	Åsgard (7.68%)
		Ekofisk (39.90%)
		Eldfisk (39.90%)
		Embla (39.90%)
		Gimle (4.90%)
		Glitne (21.80%)
		Gungne (10.00%)
		Heimdal (16.76%)
		Hod (25.00%)
		Huldra (24.33%)
		Kristin (6.00%)
		Kvitebjørn (5.00%)
		Mikkel (7.65%)
		Oseberg (10.00%)
		Oseberg East (10.00%)
		Oseberg South (10.00%)
		Sleipner East (10.00%)
		Sleipner West (9.41%)
		Snøhvit (18.40%)
		Snorre (6.18%)
		Statfjord East (2.80%)
		Sygnå (2.52%)
		Tor (48.20%)
		Tordis (5.60%)
		Troll I (3.69%)
		Troll II (3.69%)
		Tune (10.00%)
		Tyrihans (23.18%)
		Vale (24.24%)
		Valhall (15.72%)
		Vigdis (5.60%)
		Vilje (24.24%)
		Visund (7.70%)
		Yttergryta (24.50%)



# UPSTREAM

Europe acreage

Country (year of entry into the country)	Group-operated producing assets (Group share)	Non-Group-operated producing assets (Group share)
<b>The Netherlands (1964)</b>		
	F6a gaz (55.66%)	E16a (16.92%)
	F6a huile (65.68%)	E17a/E17b (14.10%)
	F15a Jurassic (38.20%)	J3b/J6 (25.00%)
	F15a Triassic (32.47%)	Q16a (6.49%)
	J3a (30.00%)	
	K1a (40.10%)	
	K3b (56.16%)	
	K4a (50.00%)	
	K4b/K5a (36.31%)	
	K5b (45.27%)	
	K5F (40.39%)	
	K6/L7 (56.16%)	
	L1a/L1d (60.00%)	
	L1e/L1f (55.66%)	
	L4a (55.66%)	
<b>United Kingdom (1962)</b>		
	Alwyn North, Dunbar, Ellon, Grant Nuggets (100.00%)	Alba (12.65%)
	Elgin-Franklin (EFOG 46.17%) <sup>(2)</sup>	Armada (12.53%)
	Forvie Nord (100.00%)	Bruce (43.25%)
	Glenelg (49.47%)	Markham unitized fields (7.35%)
	Jura (100.00%)	ETAP (Mungo. Monan) (12.43%)
	Otter (81.00%)	Everest (0.87%)
	West Franklin (EFOG 46.17%) <sup>(2)</sup>	Keith (25.00%)
		Maria (28.96%)
		Nelson (11.53%)
		Seymour (25.00%)

(1) The Group's interest in the local entity is approximately 100% in all cases in the UK except certain entities (see note 2 below).

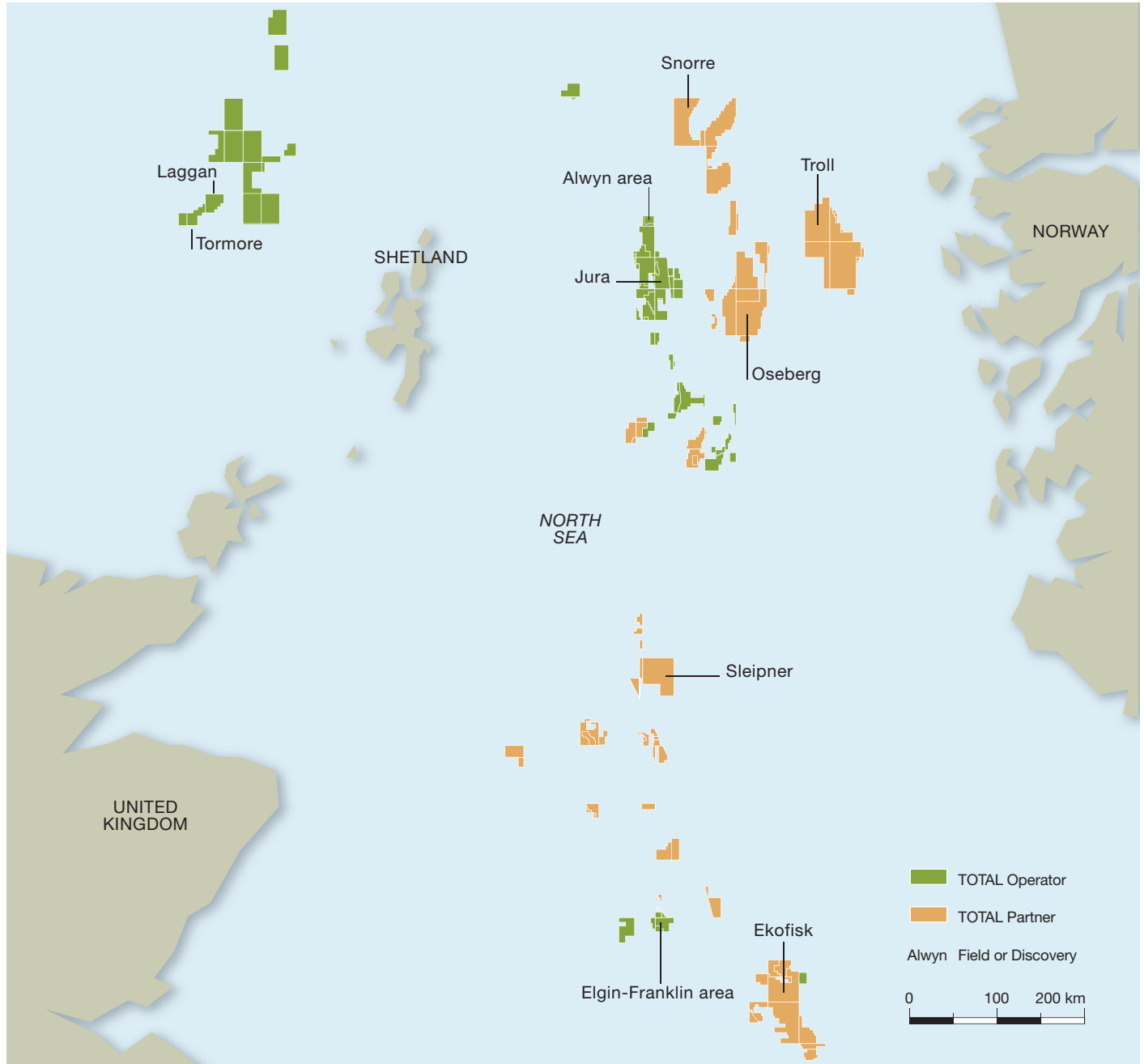
(2) TOTAL has a 35.8% indirect interest in Elgin Franklin via its participation in EFOG.

# UPSTREAM

Europe acreage



## UNITED KINGDOM – SOUTHERN NORWAY



TOTAL has been present in the **UNITED KINGDOM** since 1962. The Group's production reached 217 kboe/d in 2009. The UK accounts for nearly 10% of the Group's overall production. 85% of this production comes from operated fields located in two zones: the Alwyn zone in the northern North Sea, and the Elgin-Franklin zone in the Central Graben.

The Jura field (100%), discovered in late 2006, started production in May 2008 through two sub-sea wells connected to the pipeline linking Forvie North and Alwyn. The production capacity of this field is 50 kboe/d (gas and condensates). Development studies

are nearing completion for Islay (100%), a second gas and condensates discovery made in 2008 and located in a faulted panel immediately east of Jura.

The development of the Elgin (35.8%) and Franklin fields (35.8%), in production since 2001, made a substantial contribution to the Group's operations in the United Kingdom. This project constituted a technical milestone, combining the development of one of the deepest reservoirs in the North Sea (5,500 m) with temperature and pressure conditions among the highest in the world (190°C and 1,100 bars). On the Elgin field, the infill well

drilled between November 2008 and September 2009 started production in October 2009 at a rate of 18 kboe/d. Drilling of a second infill well is ongoing.

In the West of Shetland area, TOTAL increased its interest to 80% in the Tormore and Laggan fields in early 2010. The final investment decision for the project has been made in March 2010 and production is scheduled to start in 2014 with an expected capacity of 90 kboe/d. In late 2009, TOTAL acquired a 43.75% interest (and operatorship) in the P967 permit located north of Laggan-Tormore. This permit includes the Tobermory gas discovery.



# UPSTREAM

Europe acreage

In **NORWAY**, where the Group has been present since the late 1960s, TOTAL holds interests in seventy-seven production permits on the Norwegian continental shelf, including fourteen that it operates. Norway is the largest single-country contributor to the Group's production, with volumes of 327 kboe/d in 2009.

In the Norwegian North Sea, production was 256 kboe/d in 2009. The most

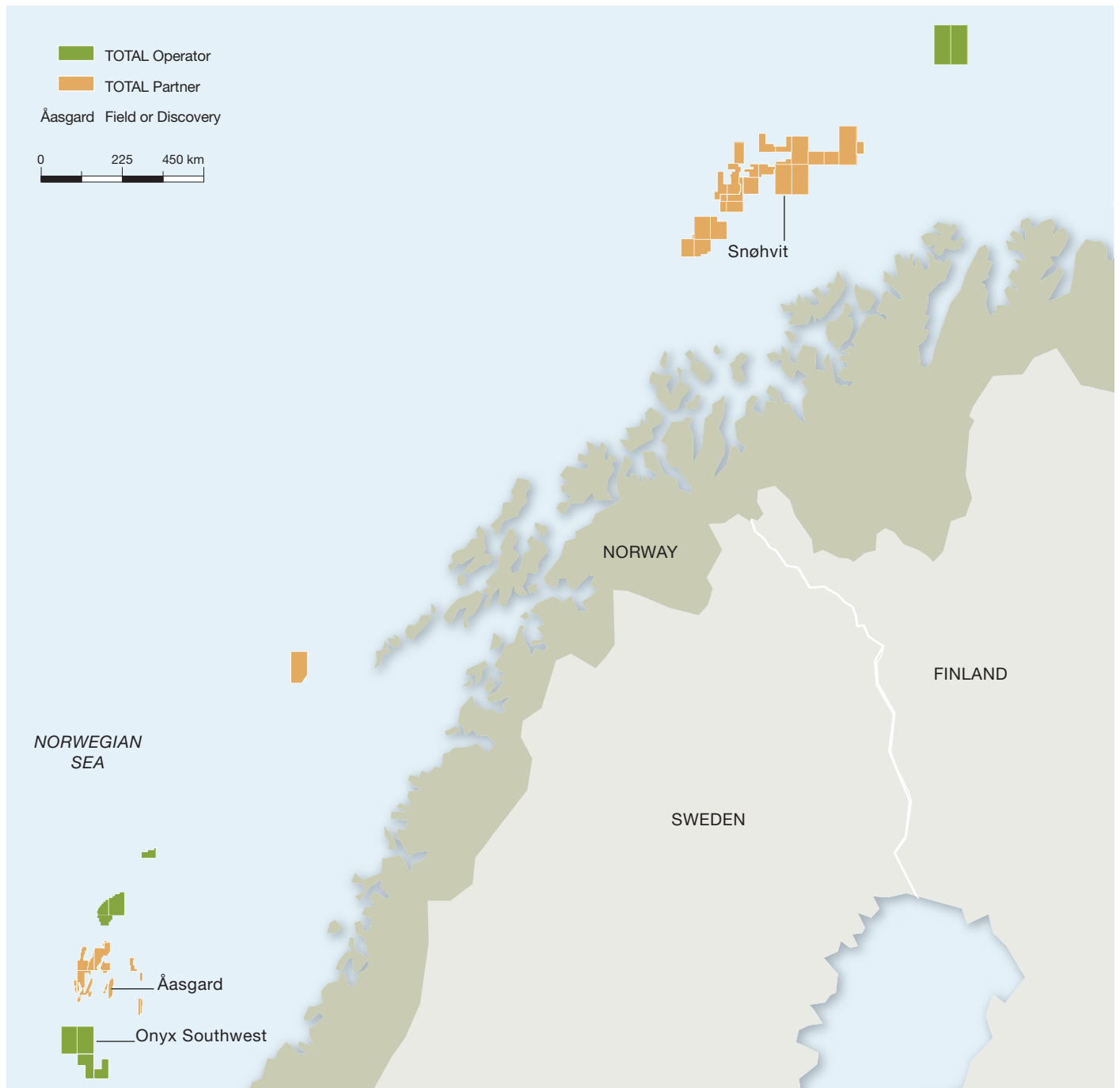
substantial contribution to production, for the most part non-operated, comes from the Ekofisk Area located in the southern region; a major work program continued in 2009 on the Ekofisk (39.9%) and Eldfisk (39.9%) fields to increase production, oil recovery and the life span of existing facilities.

In the Norwegian Sea, the Haltenbanken area, Tyrihans (23.2%) came onstream

in July 2009, as planned, and Yttergryta (24.5%) started in January 2009. In 2009, the Group's production in the Haltenbanken area was 56 kboe/d.

In the Barents Sea, LNG production on Snøhvit (18.4%) started-up in 2007. This project includes both the development of the natural gas field and the construction of the associated liquefaction facilities.

## NORTHERN NORWAY





# UPSTREAM

## Europe acreage



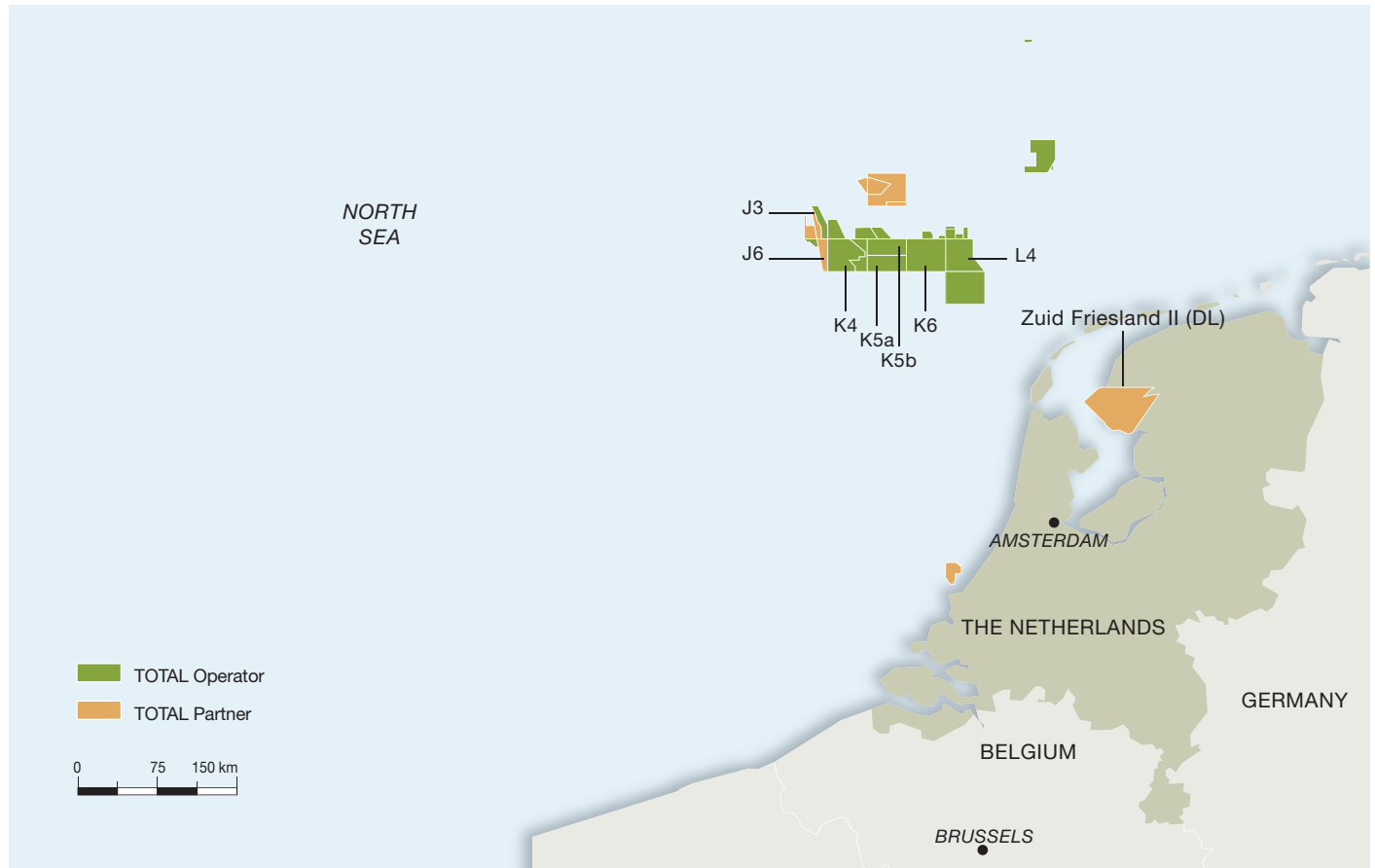
In **FRANCE**, the Group has operated fields since 1939, notably the Lacq (100%) and Meillon (100%) gas fields, located in the southwest. The Group's production was 24 kboe/d in 2009.

In **ITALY**, the Tempa Rossa field (50%, operator), discovered in 1989 and located on the unitized Gorgoglione concession (Basilicate region), is one of TOTAL's principal assets in the country. Preparation work related to the drilling of

an appraisal well started in December 2009. The partners on Tempa Rossa are expected to make the final investment decision for the project in 2011. In addition, the extension plan for the Tarente refinery export system, needed for the development of the Tempa Rossa field, is expected to be submitted to the Italian authorities in 2010 for an approval expected in 2011. Start-up of production is currently expected in 2014 with a plateau production of 50 kb/d.

TOTAL has been conducting natural gas exploration and production activities in **THE NETHERLANDS** and on the North Sea continental shelf since 1964. In 2009, the Group's production amounted to 45 kboe/d. The development of the K5CU project (49%, operator) was launched in 2009 and production is expected to start in 2011.

## THE NETHERLANDS



# AFRICA ACREAGE

## UPSTREAM

### Highlights

TOTAL has been present in Africa since 1928. The African continent is one of the Group's principal growth regions. Its exploration and production operations are primarily located in countries bordering the Gulf of Guinea, particularly Angola and Nigeria, as well as in North Africa.

The Group's production in Africa amounted to 749 kboe/d in 2009 (including production from equity affiliates), amounting to 33% of the Group's overall production and making TOTAL one of the leading international oil companies in the region, based on production<sup>(1)</sup>.

Since 2007, production has started on the Rosa (2007) and Tombua Landana (2009) fields in Angola, the Moho Bilondo field (2008) in the Republic of Congo and the Akpo field (2009) in Nigeria. TOTAL has also launched the development of OML 58 upgrade project and Usan in Nigeria as well as Pazflor in Angola. In Madagascar, the Group has acquired in 2008 an interest on the Bemolanga oil sands permit.

And in December 2009, TOTAL won the call for tenders related to the acquisition of a 47% interest in the Ahnet license in Algeria.



### Production

	2009	2008	2007	2006	2005
Liquids production (kb/d)	632	654	681	628	696
Gas production (Mcf/d)	599	659	640	483	422
<b>Total (kboe/d)</b>	<b>749</b>	<b>783</b>	<b>806</b>	<b>719</b>	<b>776</b>

### Main projects <sup>(2)</sup>

Start-up	Projects	Type	Capacity (kboe/d)	Share	Op. <sup>(3)</sup>	Country
2009	Akpo	Deep offshore	225	24%	✓	Nigeria
	Tombua Landana	Liquids	100	20%		Angola
2010-2014(e)	Pazflor	Deep offshore	220	40%	✓	Angola
	Usan	Deep offshore	180	20%	✓	Nigeria
	Angola LNG	LNG	175	13.6%		Angola
	OML 58 upgrade Ph. 1	Gas/Cond.	70	40%	✓	Nigeria
	Ofon II	Liquids	70	40%	✓	Nigeria
	Anguille redev.	Liquids	40	100%	✓	Gabon
2014+	CLOV	Deep offshore	160	40%	✓	Angola
	Egina	Deep offshore	200	24%	✓	Nigeria
	Moho North	Deep offshore	Study	53.5%	✓	Congo
	Ahnet	Gas	70	47%		Algeria
	Block 32-CSE	Deep offshore	200	30%	✓	Angola
	Brass LNG	LNG	300	17%	✓	Nigeria
	NLNG T7	LNG	250	15%		Nigeria

(1) Based on publicly available information.

(2) Project status as of February 2010.

(3) Operated by TOTAL or through an operating company.

# UPSTREAM

Africa acreage



## Producing assets as of December 31, 2009 <sup>(1)</sup>

Country (year of entry into the country)	Group-operated producing assets (Group share)	Non-Group-operated producing assets (Group share)
<b>Algeria (1952)</b>		
		Ourhoud (19,41%) <sup>(2)</sup>
		RKF (48,83%) <sup>(2)</sup>
		Tin Fouye Tabankort (35,00%)
<b>Angola (1953)</b>		
	Blocks 3-85, 3-91 (50.00%)	Cabinda (Block 0) (10.00%)
	Girassol, Jasmim, Rosa, Dalia (Block 17) (40.00%)	Kuito, BBLT, Tombua-Landana (Block 14) (20.00%)
<b>Cameroon (1951)</b>		
	Bakingili (25.50%)	Mokoko - Abana (10.00%)
	Bavo-Asoma (25.50%)	Mondoni (25.00%)
	Boa Bakassi (25.50%)	
	Ekundu Marine (25.50%)	
	Kita Edem (25.50%)	
	Kole Marine (25.50%)	
<b>Congo, Republic of (1928)</b>		
	Kombi-Likalala (65.00%)	Loango (50.00%)
	Nkossa (53.50%)	Zatchi (35.00%)
	Nsoko (53.50%)	
	Moho Bilondo (53.50%)	
	Sendji (55.25%)	
	Tchendo (65.00%)	
	Tchibeli-Litanzi-Loussima (65.00%)	
	Tchibouela (65.00%)	
	Yanga (55.25%)	
<b>Gabon (1928)</b>		
	Anguille (100.00%)	Rabi Kounga (47.50%)
	Anguille Nord-Est (100.00%)	
	Anguille Sud-Est (100.00%)	
	Atora (40.00%)	
	Avocette (57.50%)	
	Ayol Marine (100.00%)	
	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%)	
	Mandaros (100.00%)	
	M'Boumba (100.00%)	
	Mérou Sardine Sud (50.00%)	
	Pageau (100.00%)	
	Port Gentil Océan (100.00%)	
	Port Gentil Sud Marine (100.00%)	
	Tchengue (100.00%)	
	Torpille (100.00%)	
	Torpille Nord-Est (100.00%)	
<b>Libya (1959)</b>		
	C17 (Mabruk) (15.00%) <sup>(3)</sup>	NC 115 (El Sharara) (3,90%)
	C 137 (Al Jurf) (20.25%) <sup>(3)</sup>	NC 186 (2,88%)

(1) The Group's interest in the local entity is approximately 100% in all cases except Total Gabon (57.96%), Total E&P Cameroon (75.80%) and Algeria (see note 2 below).

(2) In Algeria, TOTAL has an indirect 19.41% interest in the Ourhoud field and a 48.83% indirect interest in the RKF field via its participation in CEPESA (equity affiliate).

(3) Implementation of new contractual terms following the ratification of contracts in early 2010.



# UPSTREAM

Africa acreage

Country (year of entry into the country)	Group-operated producing assets (Group share)	Non-Group-operated producing assets (Group share)
<b>Nigeria (1962)</b>	OML 58 (40.00%)	OML102 - Ekanga (40.00%)
	OML 99 Amenam-Kpono (30.40%)	Shell Petroleum Development Company (SPDC) 10.00%
	OML 100 (40.00%)	Bonga (12.50%)
	OML 102 (40.00%)	
	OML130 (24.00%)	

In **CAMEROON**, TOTAL has been producing since 1977 and it operated production in 2009 of approximately 50 kboe/d, representing nearly 65% of the country's overall production<sup>(1)</sup>. The Group's production in 2009 amounted to 12 kboe/d.

TOTAL was awarded in July 2009 a new exploration block, Lungahe (100%), located near its operated concessions and permits.

In **NIGERIA**, the Group's production amounted to 235 kboe/d in 2009. TOTAL has been present in Nigeria since 1962. It operates seven production permits (OML) out of the forty-seven in which it holds an interest, and two exploration permits (OPL) out of the eight in which it holds an interest. The Group is also active in LNG through Nigeria LNG (15%) with a production capacity of 22 Mt/y and the Brass LNG project (17%) for which preliminary work is continuing.

TOTAL strengthened its ability to supply gas to the LNG projects in which it has interests and to meet the growing domestic demand in gas:

- On the OML 136 permit (40%), following the appraisal work conducted in 2008 on the Amatu field, the Group successfully appraised the Temi Agge field in 2009, confirming the possibility of a future development pole on this permit.
- On the OML 58 permit (40%, operator), TOTAL launched a project to eventually increase the production capacity to 550 Mcf/d of gas.
- On the OML 112/117 permits (40%), TOTAL continued in 2009 development studies for the Ima gas field.

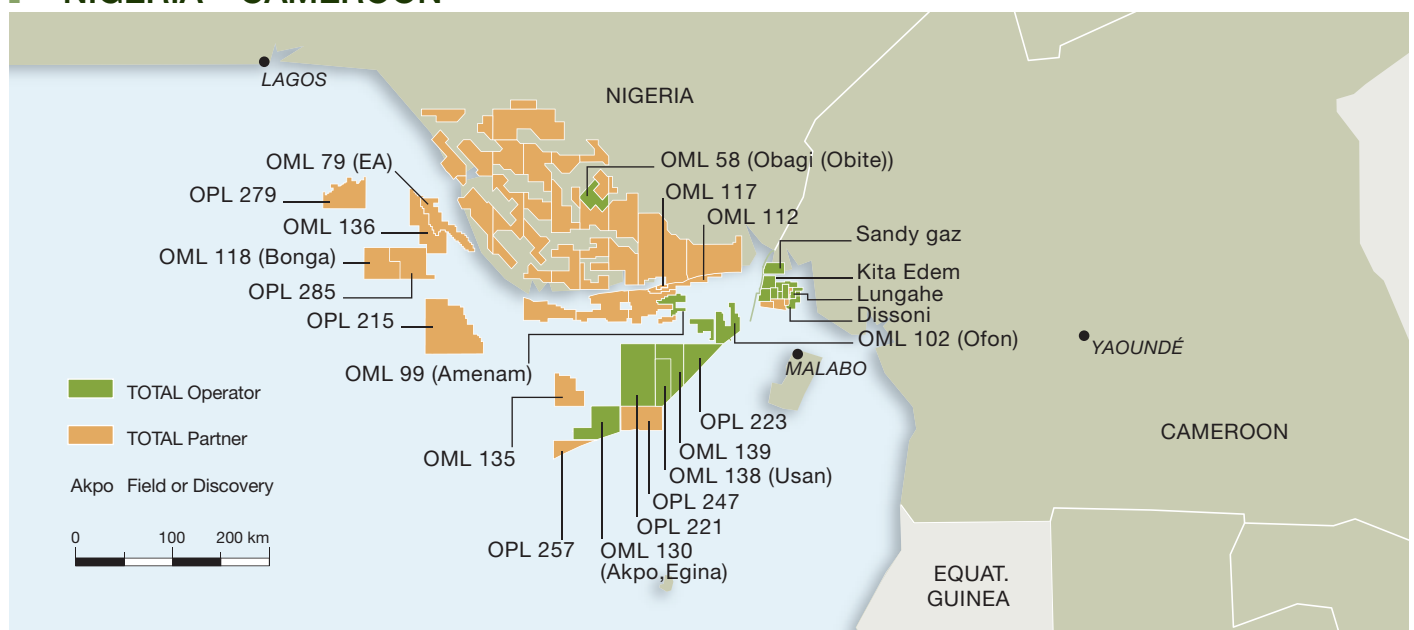
On the OML 102 permit (40%, operator), TOTAL continued in 2009 to develop the Ofon II project. The final investment decision is expected in 2010. The Group is also planning the appraisal of the Etisong pole in 2010, located 15 km from the Ofon producing field.

On the OML 130 permit (24%, operator), production started in March 2009 on the Akpo field whose plateau production is 225 kboe/d (in 100%). The development plan of the Egina field was approved by the Nigerian authorities. In 2009, TOTAL conducted in Nigeria basic engineering studies on this field.

On the OML 138 permit (20%, operator), TOTAL continued to develop the Usan project (180 kb/d in 100%) in 2009, in particular with the start-up of drilling operations for production wells and the launch of the new FPSO hull in November 2009. First production is expected in 2012.

On the OML 118 permit (12.5%) TOTAL launched in 2009 the development of the Bonga Northwest project. In 2009, the Group actively pursued its exploration program with the discovery made on the Owowo South prospect on OPL 223 (18%, operator).

## NIGERIA – CAMEROON



(1) Source: TEP Cameroun and Société Nationale des Hydrocarbures du Cameroun.

# UPSTREAM

## Africa acreage



In **ALGERIA**, TOTAL's production was 74 kboe/d in 2009. Its production comes from its direct interests in the TFT (Tin Fouyé Tabenkort, 35%) and Hamra gas fields (contract terminated in October 2009) and from its 48.83% interest in CEPSA, a partner of Sonatrach (the Algerian national oil and gas company) on two other fields. TOTAL also holds 37.5% direct interest in the Timimoun gas project which production start-up is expected in late 2013 with a plateau of nearly 160 Mcf/d.

In December 2009, TOTAL won the call for tenders related to the acquisition of a 47% interest in the Ahnet license. The agreement provides for a development plan that is expected to be submitted to the authorities before mid-2011, with

start-up of production scheduled for 2015 and an expected plateau production of at least 400 Mcf/d.

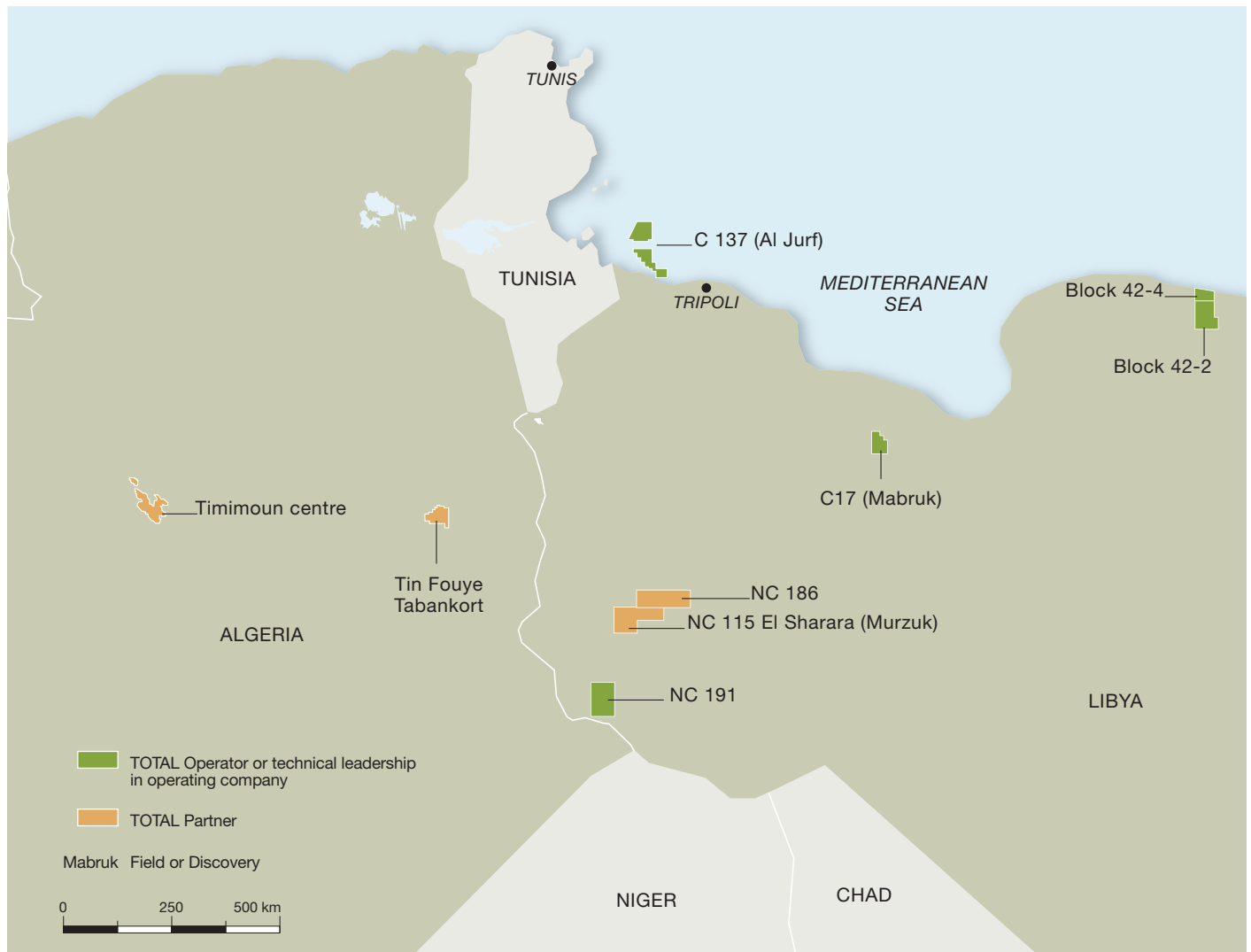
In **LIBYA**, the Group's share of production amounted to 60 kb/d in 2009. The decline versus previous years is primarily due to the implementation of OPEC quotas and new contractual provisions for Blocks NC 115 (30%)<sup>(1)</sup> and NC 186 (24%)<sup>(1)</sup>, on which TOTAL is a partner.

On the Mabruk field (Block C 17, 75%<sup>(1)</sup>, operator), plateau production of 19 kb/d was maintained in 2009. In addition, the development plan for the Dahra and Garian structures was approved by the National Oil Corporation (NOC) in mid-2009.

On Block C 137 (75%<sup>(1)</sup>, operator), production was 31 kboe/d in 2009. A project to reinject associated gas was launched in May 2009

TOTAL and the Libyan National Oil Corporation (NOC) signed a Memorandum of Understanding in February 2009 to convert the existing contracts for Blocks C 137 and C 17 into exploration and production sharing agreements (EPSA IV) and extend them until 2032. Commitments to drill additional exploration wells were made within this framework. The EPSA IV contracts, signed in May 2009, were ratified by the Libyan government in early 2010.

## ALGERIA – LIBYA



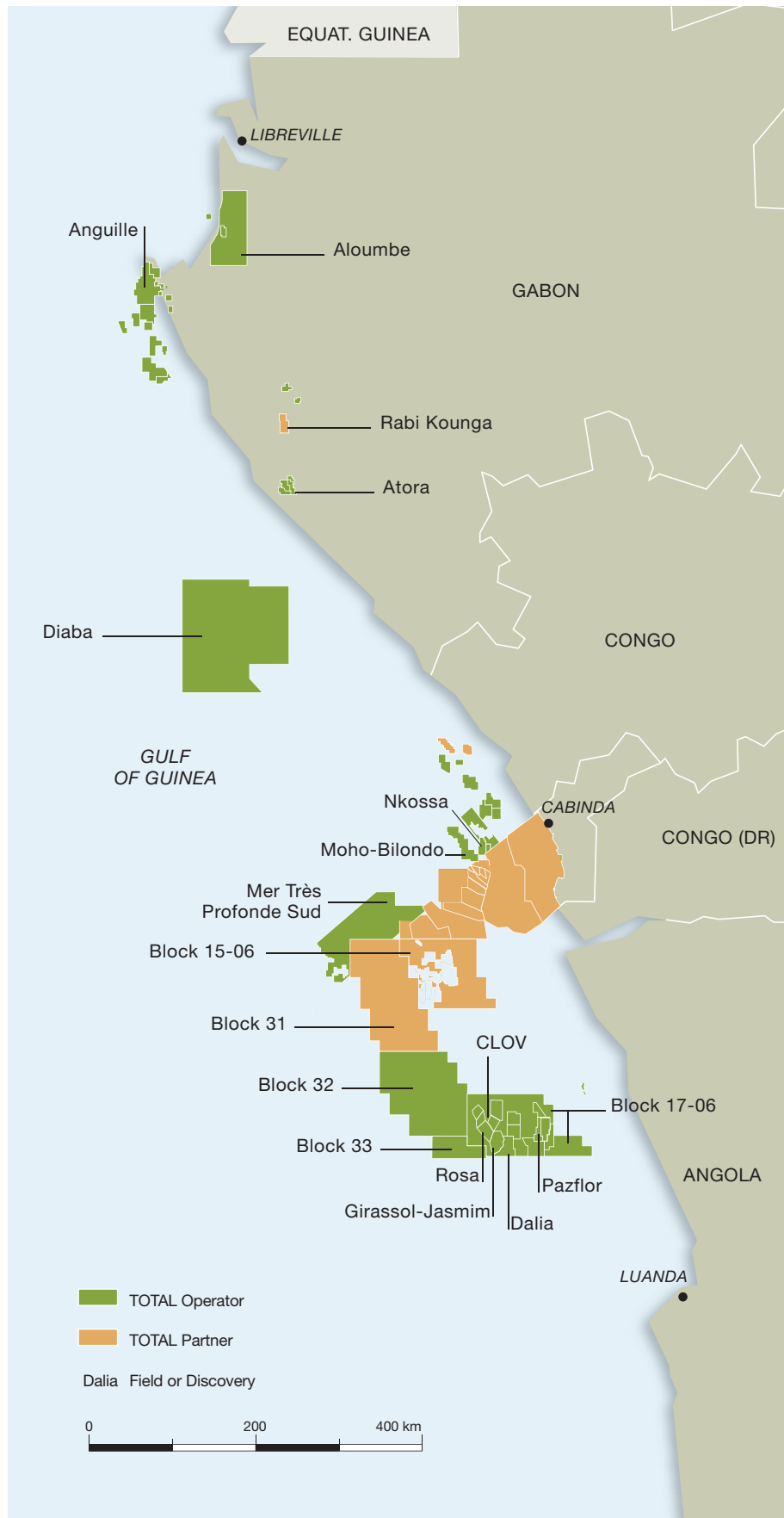
(1) Participation in the foreign consortium.



# UPSTREAM

Africa acreage

## WEST AFRICA



TOTAL **GABON**<sup>(1)</sup> is one of the Group's oldest subsidiaries in sub-Saharan Africa and the Group's share of production was 71 kboe/d in 2009.

On the Anguille field, the reservoir studies begun in 2009 based on the results of the first thirteen Phase 1 wells indicate that the original production estimates will have to be revised downward. The project was first revised in early 2009 to capitalize on lower oil service costs. It now calls for a more sequential approach over a longer period. The development plan and sizing of the new facilities have been reviewed accordingly.

In the **REPUBLIC OF CONGO**, TOTAL's production amounted 106 kboe/d in 2009. Production began on the Moho Bilondo field (53.5%, operator) in April 2008, where the drilling of development wells is continuing. Current production (in 100%) of approximately 80 kboe/d is expected to reach 90 kboe/d at plateau during 2010. The Moho North Marine 4 well discovered resources in the Alban zones in 2009 after three discoveries made in 2007 and 2008, confirming the potential of this permit.

In **ANGOLA**, TOTAL produced 191 kboe/d in 2009. Production comes mainly from Blocks 17, 0 and 14. From 2007 to 2009, several discoveries were made, notably on Blocks 14, 31, 32, 15/06 and 17/06. Deep-offshore Block 17 (40%, operator) is TOTAL's principal asset. It is composed of four major poles: Girassol and Dalia producing, Pazflor currently under development and CLOV (based on Cravo, Lirio, Orquidea and Violeta discoveries) which should be sanctioned in 2010. In addition, the Angola LNG project (13.6%) is expected to start in 2012 and will bring the country's natural gas reserves to market, in particular the associated gas.

In **MADAGASCAR**, TOTAL acquired a 60% interest in, and the operatorship of, the Bemolanga permit in September 2008. Bemolanga contains oil sands accumulations. A first appraisal phase was launched to confirm the bitumen resources needed for a mining development. Drilling operations started in July 2009 and are expected to take place in 2010 during the dry season (April to November).

(1) Total Gabon is a Gabonese company whose shares are listed on Euronext Paris. TOTAL holds 58%, the Republic of Gabon 25% and the public float is 17%.



# UPSTREAM

Africa acreage

## BLOCKS 17 AND 32 IN ANGOLA: technological challenges and achievements in the deep offshore

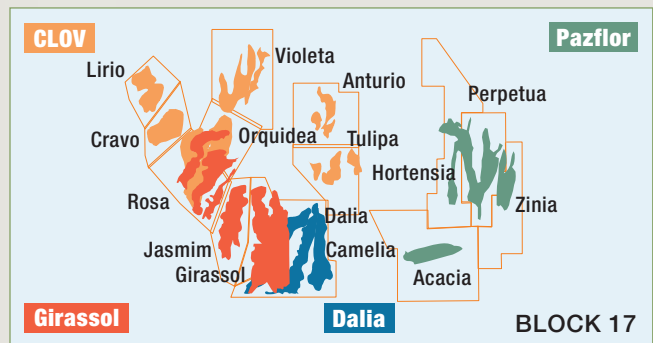


A series of discoveries and technological innovations characterize the exploration and development of these Angolan fields. With Block 17 (40%-operator) and now Block 32 (30%-operator), TOTAL is strengthening its partnership with Angola and confirming both the Group's key role in expanding the country's energy industry and its expertise in developing these challenging resources.

### BLOCK 17

#### EXPLOITING ITS EXTRAORDINARY POTENTIAL

Block 17 is one of the world's most prolific blocks and one of the most ambitious developments ever undertaken in the deep offshore, in water depths of up to 1,400 meters. The Pazflor development, which will boost overall production capacity to close to 700,000 barrels per day on Block 17, is expected to make TOTAL the leading producer among international oil companies in Angola.



#### GIRASSOL-JASMIM-ROSA: a pioneer of deep offshore

From the outset, the history of Girassol has been synonymous with a quest for optimization, illustrated by the tie-backs of Jasmim and then Rosa to extend plateau production, 4D seismic reprocessing to improve oil recovery, and finally by the planned full-field deployment of subsea gas/liquids separation.

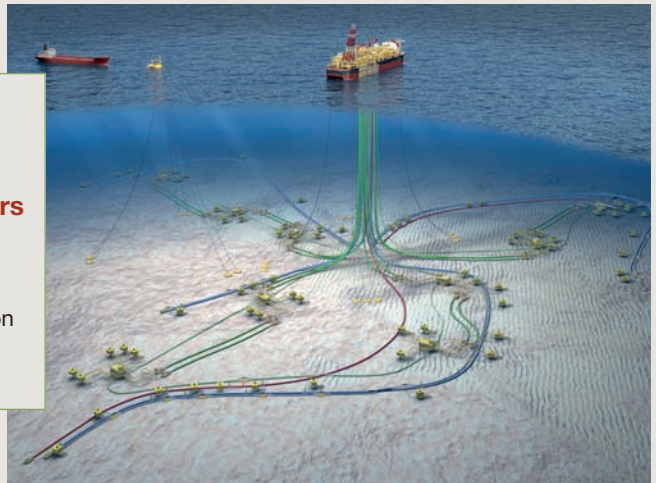
- Discovery: **1996**
- Water depth: **1,400 meters**
- Production start: **2001**
- Average production in **2009: 220 kboe/d** (Girassol-Jasmim-Rosa)



#### DALIA: the most extensive subsea system ever deployed

With no fewer than 71 wells and a sprawling network of subsea pipes and flowlines, the Dalia development plan also included a number of other innovations (e.g. flexible risers 1,650 meters long and weighting 800 tons, coupled to a gas-lift injection system and advanced thermal insulation for production flowlines). These systems were designed to ensure that Dalia's particularly heavy crude would flow smoothly to the surface. The same project served as the proving ground for a polymer injection pilot, a world first on the scale of an entire field, to boost recovery over the next 20 years.

- Discovery: **1997**
- Water depth: between **1,250** and **1,400 meters**
- Production start: **2006**
- Average production in **2009: 240 kboe/d**



### PAZFLOR: the first field in the world to deploy full-field subsea separation in deep water

Its four fields span an area of 600 km<sup>2</sup>, under water depths of up to 1,200 m. Connected to eighteen producing wells and seventeen water injectors, the subsea lines will feed one of the biggest FPSOs ever built (325 m long and a storage capacity of 1.9 million barrels), designed to treat the Oligocene and Miocene oils simultaneously. The latter accounts for two-thirds of the oil in place, but is heavy and viscous. At these great depths, the oil's characteristics pose critical flow problems. The solution found involves three subsea gas/liquids separation units combined with subsea boosting systems and hybrid pumping modules.



- Discovery: **2000-2003**

- Water depth: between **600** and **1,200 meters**

- **2009** achievements:

- in March, drilling started
- in September, the hull of the FPSO successfully launched

- Production start: **2011(e)**

- Plateau production: **220 kboe/d**

### CLOV: the next challenge on Block 17

The four component fields (Cravo, Lirio, Orquidea and Violeta) on this fourth development cluster contain Oligocene and Miocene reservoirs under water depths of 1,100 to 1,400 m. The subsea

system will comprise nineteen producers, fifteen injectors and two multiphase pumps. The final investment decision should be taken in 2010.

- Discovery: **1998-2001**

- Water depth: between **1,100** and **1,400 meters**

- Production start: **2014(e)**

- Plateau production: **160 kboe/d**

### BLOCK 32

#### FUTURE PROJECTS IN ANGOLA

On the ultra-deep offshore Block 32, the twelve discoveries made between 2003 and 2007 confirmed the oil potential of the block. Appraisal is continuing and predevelopment studies for a first production hub in the central/southeastern portion of the block are underway.

- Discovery: **2003-2007**

- Water depth: above **1,500 meters**



# COMMONWEALTH OF INDEPENDENT STATES ACREAGE

## UPSTREAM



### Highlights

In 2009, TOTAL's production in this area reached 24 kboe/d, representing approximately 1% of the Group's overall production. Highlights of 2009 included the signature of an exploration, development and production sharing contract between TOTAL and SOCAR for a permit located on the offshore Absheron block (Azerbaijan). TOTAL finalized the acquisition from Novatek of a 49% interest in Terneftegas, which holds a development and production license on the onshore Termokarstovoye field. And TOTAL announced the signature of an agreement to acquire a 50% interest in an onshore exploration licence located in northwestern Kazakhstan which it will operate. TOTAL also signed an agreement establishing the principles of a partnership with KazMunaiGas (KMG) for the development of the Khvalynskoye gas and condensates field, located offshore in the Caspian Sea (under Russian jurisdiction) on the border between Kazakhstan and Russia.

### Production

	2009	2008	2007	2006	2005
Liquids production (kb/d)	14	12	10	7	8
Gas production (Mcf/d)	52	75	46	2	2
<b>Total (kboe/d)</b>	<b>24</b>	<b>26</b>	<b>19</b>	<b>8</b>	<b>9</b>

### Main projects <sup>(1)</sup>

Start-up	Projects	Type	Capacity (kboe/d)	Share	Country
2010-2014(e)	Kashagan Ph. 1	Liquids	300	16.8%	Kazakhstan
2014+	Shah Deniz FF	Gas	475	10%	Azerbaijan
	Termokarstovoye	Gas/Cond	50	49%	Russia
	Shtokman Ph. 1	LNG/pipeline	410	25%	Russia
	Kashagan Ph. 2	Liquids	550	16.8%	Kazakhstan

### Producing assets as of December 31, 2009 <sup>(2)</sup>

Country (year of entry into the country)	Group-operated producing assets (Group share)	Non-Group-operated producing assets (Group share)
<b>Azerbaijan (1996)</b>		Shah Deniz (10.00%)
<b>Russia (1989)</b>	Kharyaga (50.00%)	

(1) Project status as of February 2010.

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



## UPSTREAM

Commonwealth of Independent States acreage

In **RUSSIA**, where TOTAL has been present since 1989, production from the Kharyaga field (40%, operator) rose to 12 kboe/d in 2009. TOTAL strengthened its positions in the country through its partnerships with Gazprom and Novatek.

In July 2007, TOTAL and Gazprom signed an agreement for the first phase of development on the giant Shtokman gas and condensates field, located in the Barents Sea. Shtokman Development AG (TOTAL, 25%) was created in February 2008 to design, build, finance and operate

the first development phase with an expected overall production capacity of 23.7 Bm<sup>3</sup>/y. Engineering studies are underway with an investment decision expected in March 2011 for the part of the project that will allow the export of 23.7 Bm<sup>3</sup>/y of gas by pipeline to the Gazprom network. The investment decision is expected before the end of 2011 for the LNG part of the project that will allow the export of 7.5 Mt/y of LNG from a new harbor located in Teriberka, representing approximately half of the gas produced by the first development phase.

In December 2009, TOTAL finalized the acquisition from Novatek of a 49% interest in Terneftegas, which holds a development and production license on the onshore Termokarstovoye field. Appraisal work is expected to be carried out in 2010 and 2011 on this gas and condensates field located in the Yamalo-Nenets region.

On the Kharyaga field, work related to the development plan of Phase 3, approved in December 2007, is ongoing. This development plan is intended to maintain plateau production at the 30 kboe/d (in 100%) level reached in late 2009.

## RUSSIA





# UPSTREAM

## Commonwealth of Independent States acreage

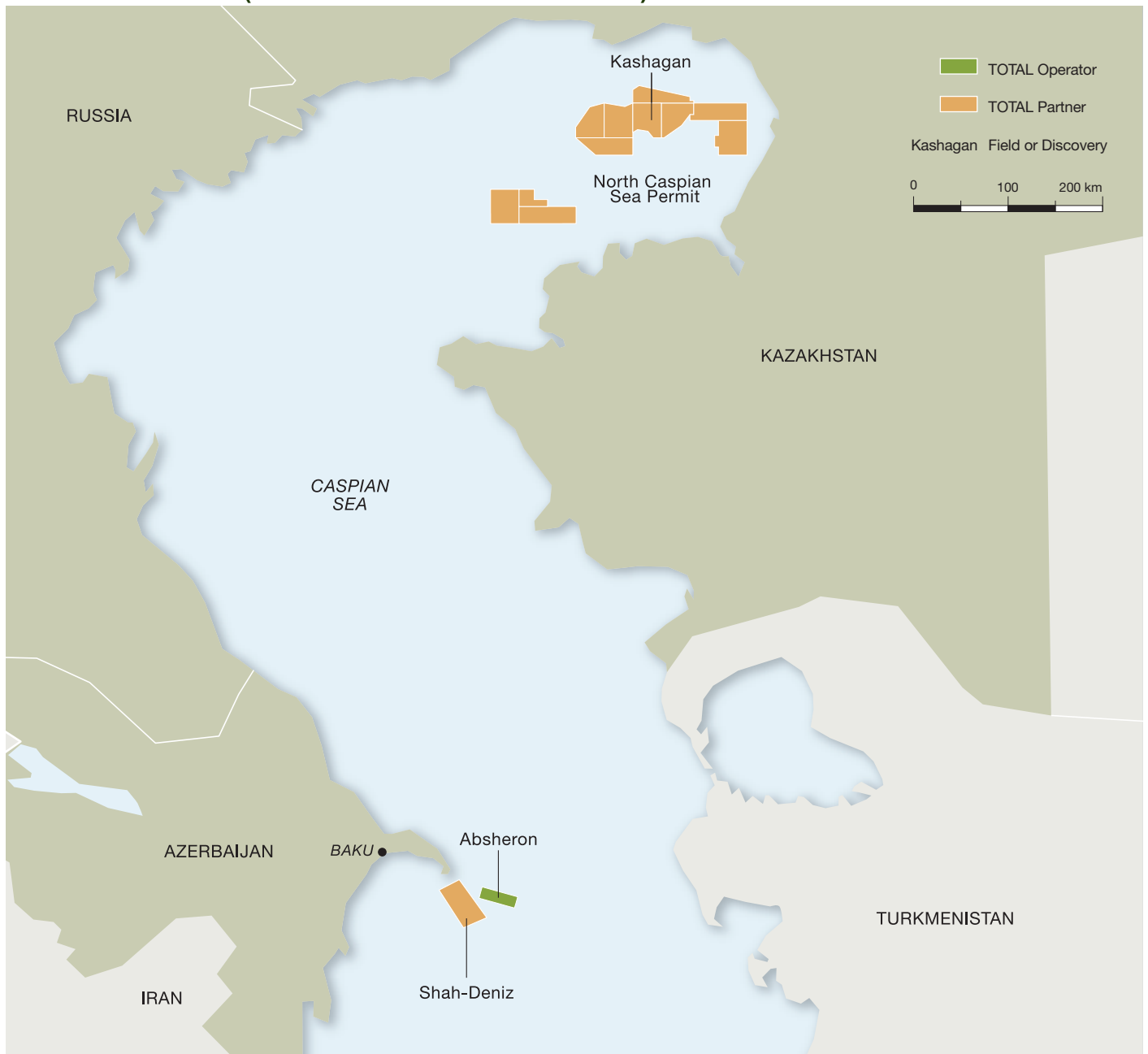


In **AZERBAIJAN**, TOTAL has been present since 1996 with production in 2009 of 12 kboe/d. The Group's production is focused on the Shah Deniz field (10%). TOTAL holds a 10% interest in South Caucasus Pipeline Company, owner of the SCP (South Caucasus Pipeline) gas pipeline that transports the gas produced in Shah Deniz to the Turkish and Georgian markets.

In 2009, TOTAL and SOCAR signed an exploration, development and production sharing contract for a permit located on the offshore Absheron block. TOTAL (40%) will be the operator during the exploration phase and a joint operating company will conduct operation during the development phase. Drilling of an exploration well is expected to start in 2010.

TOTAL has been present in **KAZAKHSTAN** since 1992 through the interest it holds in the North Caspian Sea permit (16.81%), which includes notably the Kashagan field. The size of this field may eventually allow production to reach nearly 1,500 kboe/d (in 100%). This project is expected to be developed in several phases. The development plan for the first phase (300 kb/d) continued in 2009 with the drilling of development wells and the production is expected to begin in late 2012.

## CASPIAN SEA (AZERBAIJAN – KAZAKHSTAN)



# MIDDLE EAST ACREAGE

## UPSTREAM

### Highlights

TOTAL has been developing long-term partnerships in this region since 1924. In 2009, TOTAL's production in the Middle East (including production of equity affiliates and non-consolidated subsidiaries) was 438 kboe/d, representing 19% of the Group's overall production.

Highlights of 2009 included the successful start-up of two major LNG projects, Qatargas 2 train 5 and Yemen LNG that will contribute to the Group's production growth in 2010.



### Production

	2009	2008	2007	2006	2005
Liquids production (kb/d)	307	329	323	351	346
Gas production (Mcf/d)	724	569	368	292	279
<b>Total (kboe/d)</b>	<b>438</b>	<b>432</b>	<b>390</b>	<b>406</b>	<b>398</b>

### Main projects <sup>(1)</sup>

Start-up	Projects	Type	Capacity (kboe/d)	Share	Op. <sup>(2)</sup>	Country
2009	Qatargas 2 (T5)	LNG	290	16.7%		Qatar
	Yemen LNG	LNG	190	39.6%	✓	Yemen
2010-2014(e)	Halfaya	Liquids	535	18.8%		Iraq
2014+	Pars LNG	LNG	295	30%	✓	Iran

(1) Project status as of February 2010.

(2) Operated by TOTAL or through an operating company.



# UPSTREAM

Middle East acreage



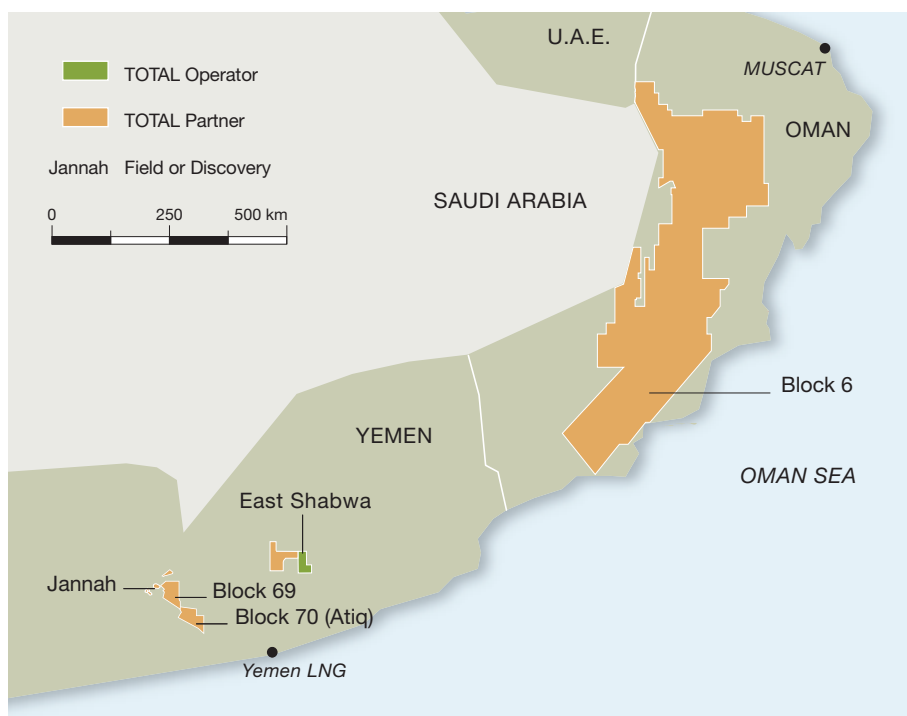
## Producing assets as of December 31, 2009 <sup>(1)</sup>

Country (year of entry into the country)	Group-operated producing assets (Group share)	Non-Group-operated producing assets (Group share)
<b>U.A.E. (1939)</b>	Abu Dhabi - Abu Al Bu Khoosh (75.00%)	Abu Dhabi offshore (13.33%) <sup>(2)</sup> Abu Dhabi onshore (9.50%) <sup>(3)</sup> GASCO (15.00%) AGDAS (5.00%)
<b>Iran (1954)</b>		Dorood (55.00%) <sup>(4)</sup> South Pars 2 & 3 (40.00%) <sup>(5)</sup>
<b>Oman (1937)</b>		Various fields onshore (Block 6) (4.00%) <sup>(6)</sup> Mukhaizna field (Block 53) (2.00%) <sup>(7)</sup>
<b>Qatar (1936)</b>	Al Khalij (100.00%)	Dolphin (24.50%) North Field - NFB (20.00%) North Field - Qatargas 2 Train 5 (16.70%)
<b>Syria (1988)</b>	Deir Ez Zor (Al Mazraa, Atalla North, Jafra, Marad, Qahar, Tabiyeh) (100.00%) <sup>(8)</sup>	
<b>Yemen (1987)</b>	Khairir/Atuf (Block 10) (28.57%)	Al Nasr (Block 5) (15.00%)

In **OMAN**, the Group's production in 2009 was 34 kboe/d. The Group produces oil mainly on Blocks 6 and 53 as well as liquefied natural gas through its interests in the Oman LNG (5.54%)/Qalhat LNG (2.04%) <sup>(9)</sup> liquefaction plant, which has a capacity of 10.5 Mt/y.

In **YEMEN**, TOTAL has been present since 1987 with production in 2009 of 21 kboe/d. TOTAL has interests in the country's two oil basins, as the operator on Block 10 (Masila Basin, East Shabwa permit, 28.57%) and as a partner on Block 5 (Marib Basin, Jannah permit, 15%). TOTAL also has an interest in the Yemen LNG project (39.62%). The Yemen LNG liquefaction plant started up in October 2009. As part of this project, the liquefaction plant built in Balhaf on the southern coast of Yemen is supplied with gas produced on Block 18, located near Marib in the center of the country, through a 320 km pipeline. Overall production capacity from the two liquefaction trains is expected to reach 6.7 Mt/y of LNG.

## OMAN – YEMEN



(1) The Group's interest in the local entity is approximately 100% in all cases except in Abu Dhabi and Oman (see notes 2 to 8).

(2) Via ADMA (equity affiliate), TOTAL has a 13.33% interest and participates in the operating company, Abu Dhabi Marine Operating Company.

(3) Via ADPC (equity affiliate), TOTAL has a 9.50% interest and participates in the operating company, Abu Dhabi Company for Onshore Oil Operation.

(4) TOTAL has transferred operatorship of Dorood to the National Iranian Oil Company (NIOC). The Group has a 55% interest in the foreign consortium.

(5) TOTAL has transferred operatorship to the National Iranian Oil Company (NIOC) for phases 2 and 3 of the South Pars field. The Group has a 40.00% interest in the foreign consortium.

(6) TOTAL has a direct participation of 4.00% in Petroleum Development Oman LLC, operator of Block 6, in which TOTAL has an indirect participation of 4.00% via Pohol (equity affiliate). TOTAL also has a 5.54% interest in the Oman LNG facility (trains 1 and 2), and an indirect participation of 2.04% via OLNK in Qalhat LNG (train 3).

(7) TOTAL has a direct participation of 2.00% in Block 53.

(8) Operated by DEZPC which is 50.00% owned by TOTAL and 50.00% owned by SPC.

(9) Indirect interest through the 36.8% share of Qalhat LNG owned by Oman LNG.

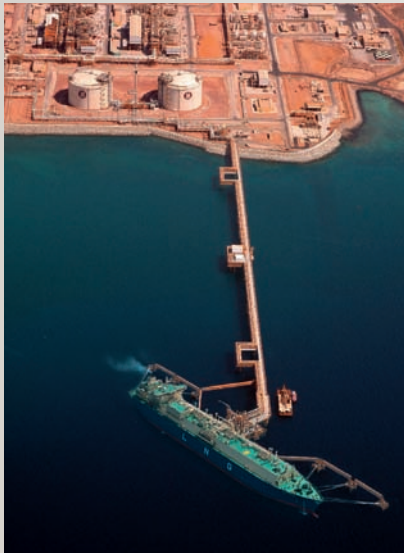


# UPSTREAM

Middle East acreage



## YEMEN LNG: BIGGEST INVESTMENT EVER IN THE COUNTRY AND FIRST LNG PROJECT OPERATED BY TOTAL



Balhaf liquefaction plant.

### Previously unexploited gas resources in Yemen

Yemen produces oil since 1986 but its important gas resources had remained unexploited up to now because of a lack of commercial outlets. These resources are now exploited thanks to Yemen LNG, which started production in October 2009 and is operated by TOTAL (39.62%), whose partners are the national oil company of Yemen (Yemen Gas Company-16.73%), Hunt Oil Company (16.73%), SK Energy (9.55%), Korea Gas Corporation (6%), Hyundai Corporation (5.88%) and GASSP<sup>(1)</sup> (5%). LNG is sold to Kogas, GDF SUEZ and Total Gas & Power in the Asian and Atlantic Basin markets. First delivery took place in November 2009 in South Korea.



The production start of Yemen LNG is the successful outcome of a cooperation between TOTAL and its partners over the last decade. Since Yemen's gas potential was discovered, TOTAL has supported Yemen in developing its gas industry and in becoming an LNG exporter.

Yves-Louis Darricarrère  
President of Total Exploration & Production

### A 4.5 billion dollars investment

Gas from Block 18 located in the Marib region in the heart of Yemen now supplies the liquefaction plant in Balhaf on Yemen's South Coast through a 320 kilometers gas pipeline. The construction of the gas pipeline through the desert and of the industrial complex in Balhaf (that includes a 6.7 Mt/y gas liquefaction plant with storage facilities and a LNG transshipment terminal) took 4 years. The April 2010 start-up of the second train of the Yemen LNG natural gas liquefaction plant was ahead of schedule.

**320 kilometers**  
gas pipeline

**6.7 Mt/y**  
gas liquefaction  
plant

### A low-breakeven project that confirms TOTAL's position as a leading LNG producer

The start-up of Yemen LNG and Qatargas 2 Train 5 in 2009 will increase Total's LNG production by around 40% in 2010. The Group thus strengthens its position as one of the major players in the LNG business.



### TOTAL, A RESPONSIBLE OPERATOR

#### Training, know-how transfer and job creation

This project was also an outstanding opportunity to develop local skills in the energy field. Therefore, priority was given to Yemenis during the construction work. In addition, 90% of the 700 jobs needed to operate the plant were assigned to Yemenis. To meet this objective, Yemen LNG launched a major training program suited to all our businesses. For instance, 300 Yemeni technicians and engineers completed a 3-year work-study program at different operating sites around the world.

#### Improving the living conditions of the neighboring communities

Since the beginning of the project, Yemen LNG has been committed

to improve the living conditions of the neighboring communities. A number of socio-economic programs have been launched such as the construction of schools or housing intended for teachers, new access to drinking water and irrigation of mountain regions.

#### Protecting the environment

TOTAL and its partners were concerned by reducing the environmental impacts, with a special focus on preserving surrounding marine biodiversity during the construction phase. To protect coral reefs, some believed to be over 400 years old, nearly 1,500 coral colonies were moved in partnership with renowned experts. The transplantation operation, a world first, has been successful with a survival rate of 90% to date.

(1) The Yemen General Authority for Social Security and Pensions.

# UPSTREAM

## Middle East acreage



In the **UNITED ARAB EMIRATES**, where TOTAL has been present since 1939, the Group's production in 2009 was 214 kboe/d. The Group's 2009 production has been impacted by the implementation of OPEC quotas. In Abu Dhabi, TOTAL holds interests in the Abu Al Bu Khoosh field (75%, operator), in the Abu Dhabi Company for Onshore Oil Operations (ADCO, 9.5%), which operates the five major onshore fields in Abu Dhabi, and in Abu Dhabi Marine (ADMA, 13.3%), which operates two offshore fields. TOTAL also has interests in Abu Dhabi Gas Industries (GASCO, 15%), which produces LPG and condensates from the associated gas produced by ADCO, and in Abu Dhabi Gas Liquefaction Company (ADGAS, 5%), which produces LNG, LPG and condensates. In early 2009, TOTAL signed agreements for a 20-year extension of its participation in the GASCO joint venture starting on October 1, 2008.

In **QATAR**, TOTAL has been present since 1936 and holds interests in the Al Khalij field (100%), the NFB Block (20%) in the North Field, the Qatargas 1 liquefaction plant (10%), the Dolphin project (24.5%) and train 5 of Qatargas 2 (16.7%). The Group's production was 141 kboe/d in 2009. Production from train 5 of Qatargas 2, which started in September 2009, reached its full capacity (7.8 Mt/y) in late 2009. In addition, TOTAL began to off-take part of the LNG produced in compliance with the contracts signed in July 2006, which provide for the purchase of 5.2 Mt/y of LNG from Qatargas 2 by the Group. The Group also holds a 10% interest in Laffan Refinery, a 146 kb/d condensate splitter that started up in September 2009.

In **IRAN**, since 2008, TOTAL's position has consisted essentially in being reimbursed for its past investments as part of buyback contracts signed between 1955 and 1999 with respect to permits on which the Group is no longer the operator. In 2009, TOTAL's production in Iran, corresponding to such payment in kind, was approximately 8 kboe/d.

## PERSIAN GULF



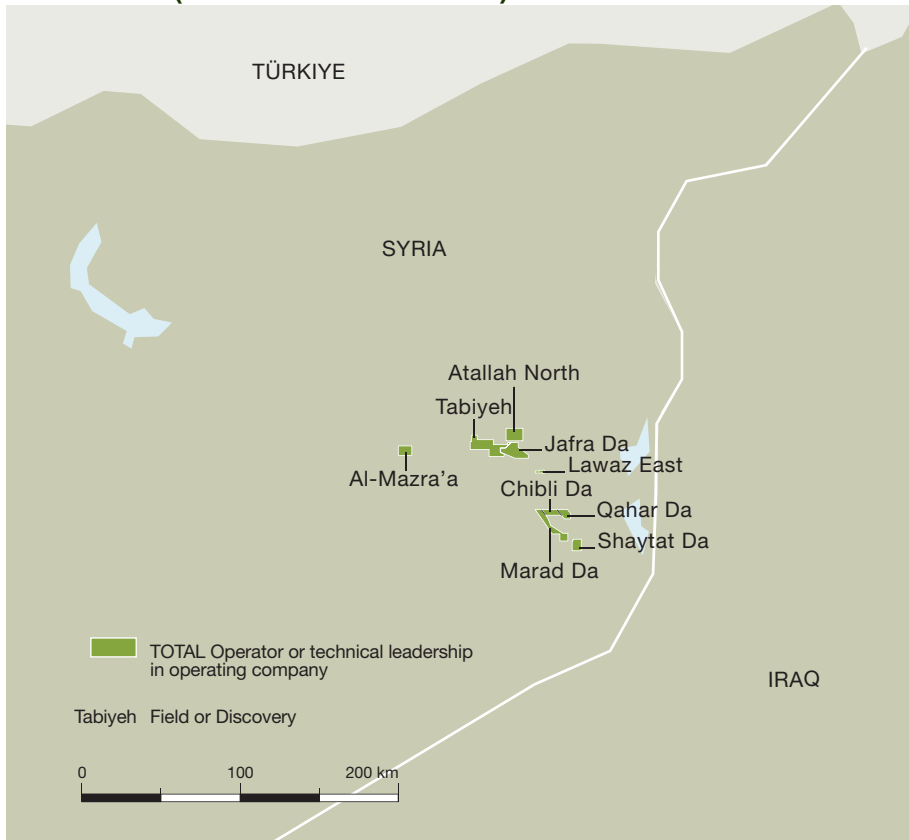
(1) TOTAL has transferred operatorship of Dorood to the National Iranian Oil Company (NIOC). The Group has a 55% interest in the foreign consortium.  
 (2) TOTAL has transferred operatorship to NIOC for phases 2 & 3 of the South Pars field. The Group has a 40% interest in the foreign consortium.



# UPSTREAM

Middle East acreage

## SYRIA (DEIR EZ ZOR AREA)

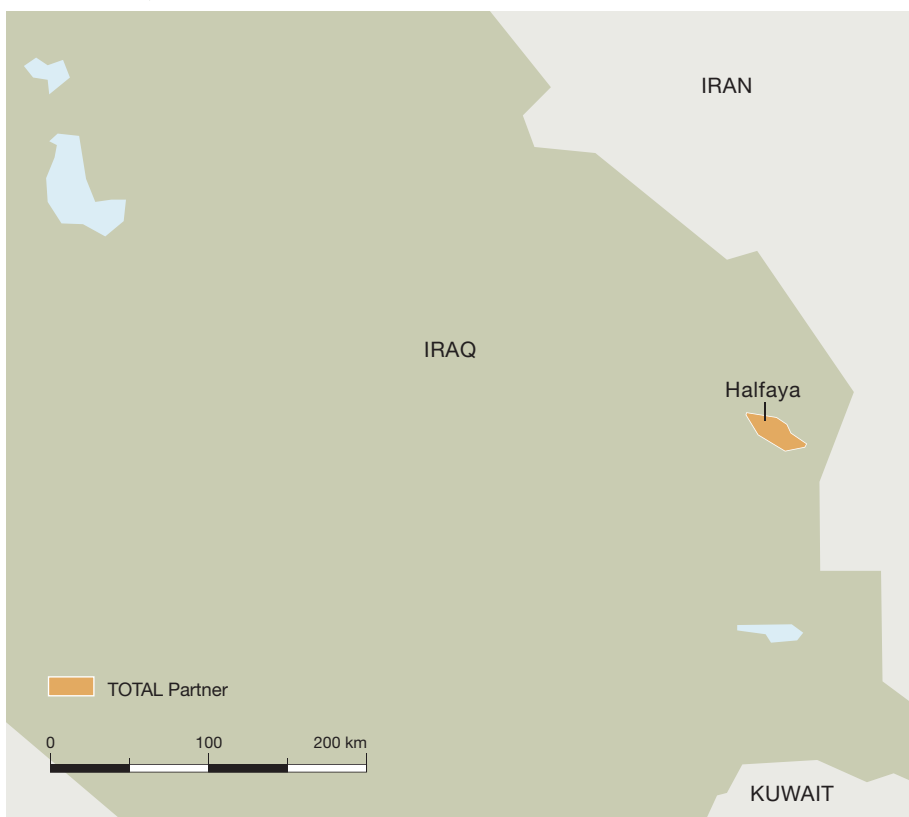


In **SYRIA**, TOTAL is present on the Deir Ez Zor permit (100%, operated by DEZPC of which 50% is owned by TOTAL) and through the Tabiyeh contract that became effective in October 2009. For both assets, the Group's production was nearly 20 kboe/d in 2009.

Two new agreements were approved this year:

- in October 2009, the Tabiyeh agreement, which primarily provides for an increase in the production from the gas and condensates Tabiyeh field;
- in July 2009, the Cooperation Framework Agreement, which provides for the development of oil projects in partnership with the Syrian company General Petroleum Corporation.

## IRAQ



In **IRAQ**, TOTAL participated in 2009 in both calls for tenders launched by the Iraqi Ministry of Oil. The CNPC-led consortium that includes TOTAL (25%) was awarded the development and production contract for the Halfaya field during the second call for tenders that was held in December 2009. This field is located in the province of Missan, north of Basra. In addition, the Group continued its major training program for Iraqi engineers. As a result, a training framework agreement was signed in December 2009 by TOTAL and the Iraqi Ministry of Oil.

# ASIA – PACIFIC ACREAGE

## UPSTREAM



### Highlights

In 2009, TOTAL's production in the Asia-Pacific region, mainly from Indonesia, was 251 kboe/d, representing approximately 11% of the Group's overall production for the year.

### Production

	2009	2008	2007	2006	2005
Liquids production (kb/d)	33	29	28	29	29
Gas production (Mcf/d)	1,228	1,236	1,287	1,282	1,254
<b>Total (kboe/d)</b>	<b>251</b>	<b>246</b>	<b>252</b>	<b>253</b>	<b>248</b>

### Main projects <sup>(1)</sup>

Start-up	Projects	Type	Capacity (kboe/d)	Share	Op. <sup>(2)</sup>	Country
2010-2014(e)	South Mahakam Ph. 1	LNG	55	50%	✓	Indonesia
	Bongkot South	Gas	70	33.3%		Thailand
	Sulige	Gas	70	100%	✓	China
2014+	Ichthys LNG	LNG	335	24%		Australia

### Producing assets as of December 31, 2009 <sup>(3)</sup>

Country (year of entry into the country)	Group-operated producing assets (Group share)	Non-Group-operated producing assets (Group share)
<b>Brunei (1986)</b>	Maharaja Lela Jamalulalam (37.50%)	
<b>Indonesia (1968)</b>	Bekapai (50.00%) Handil (50.00%) Peciko (50.00%) Sisi-Nubi (47.90%) Tambora-Tunu (50.00%)	Badak (1.05%) Nilam - gas and condensates (9.29%) Nilam - oil (10.58%)
<b>Myanmar (1992)</b>	Yadana (31.24%)	
<b>Thailand (1990)</b>		Bongkot (33.33%)

(1) Project status as of February 2010.

(2) Operated by TOTAL or through an operating company.

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





# UPSTREAM

Asia – Pacific acreage

In **MYANMAR**, TOTAL operates the Yadana field (31.2%) located on offshore Blocks M5 and M6. This field produces gas that is delivered mainly to PTT (the Thai state-owned company) to be used in Thai power plants. The Group's production amounted to 13 kboe/d in 2009.

In **THAILAND**, TOTAL's production was 36 kboe/d in 2009 where its main asset is the Bongkot gas and condensates field (33.3%). PTT purchases all the gas and condensates production. The northern portion of the Bongkot field is producing and additional phases are under development. The southern portion of this field (Great Bongkot South) is also being developed in several phases.

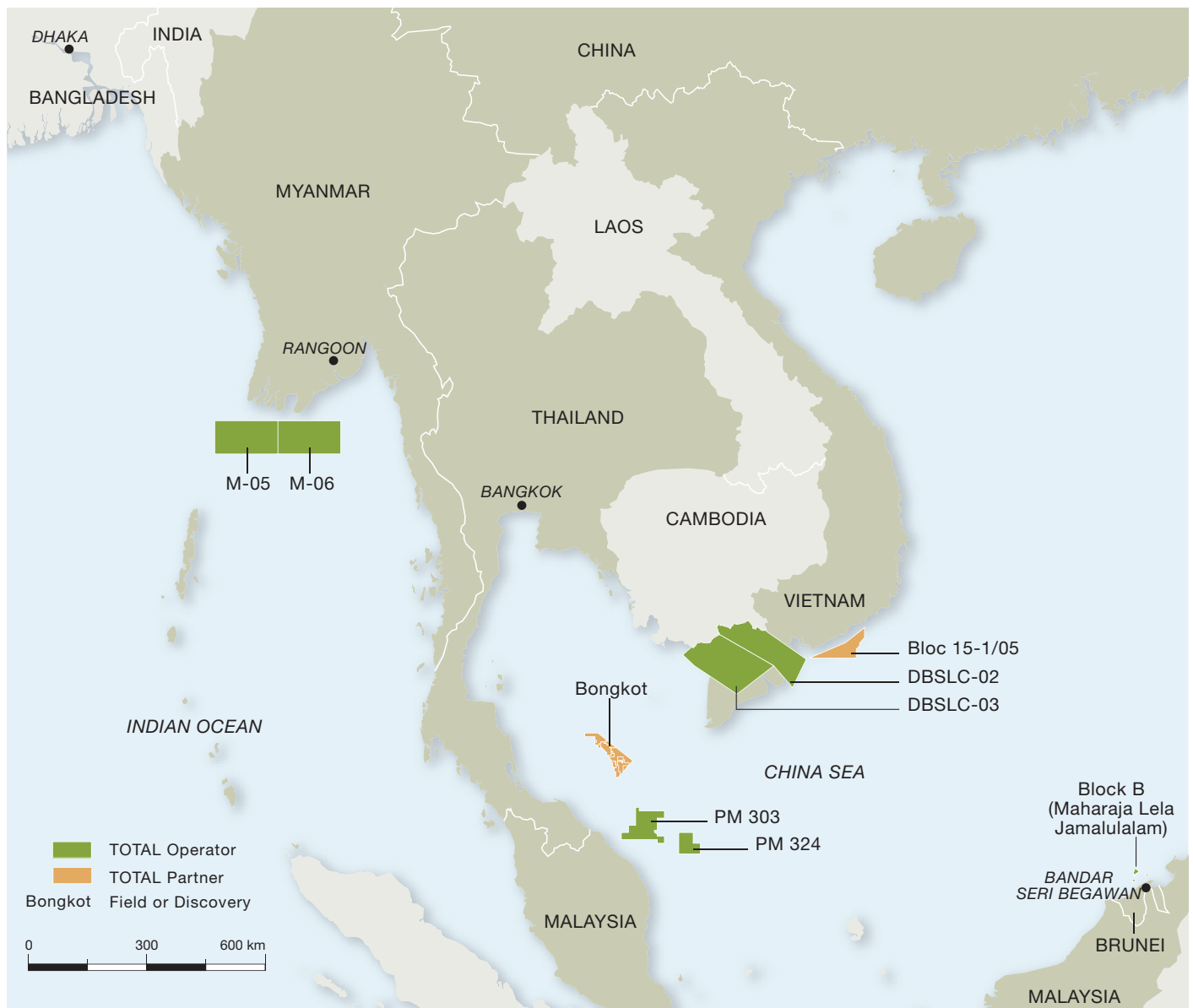
In September 2009, the partners formalized a gas sales contract for this new development with PTT. Construction of the facilities started in 2009 and first production is expected in 2012. To prepare for the next development phases of this large field, three exploration wells were drilled in 2009 in the northern portion and another well in the southern portion. Interpretation of the results is underway.

In **VIETNAM**, TOTAL holds a 35% interest in the production sharing contract for the offshore 15-1/05 exploration block. A first oil discovery was made in November 2009 on the southern portion of the Block. In March 2009, TOTAL (75%, operator) and PetroVietnam (25%)

signed a production sharing contract for Blocks DBSCL-02 and DBSCL-03, located in the Mekong Delta region. A first 2D seismic acquisition campaign was shot in November 2009.

In **MALAYSIA**, TOTAL signed a production sharing contract in May 2008 with state-owned Petronas for the offshore exploration Blocks PM303 and PM324 (70%, operator). In 2009, a 3D seismic acquisition was shot on Block PM303. Processing agreements for this seismic acquisition and reprocessing agreements for other seismic data available on Block PM324 were signed in July 2009. Drilling in high pressure/high temperature conditions is expected to be carried out in 2011.

## SOUTH EAST ASIA





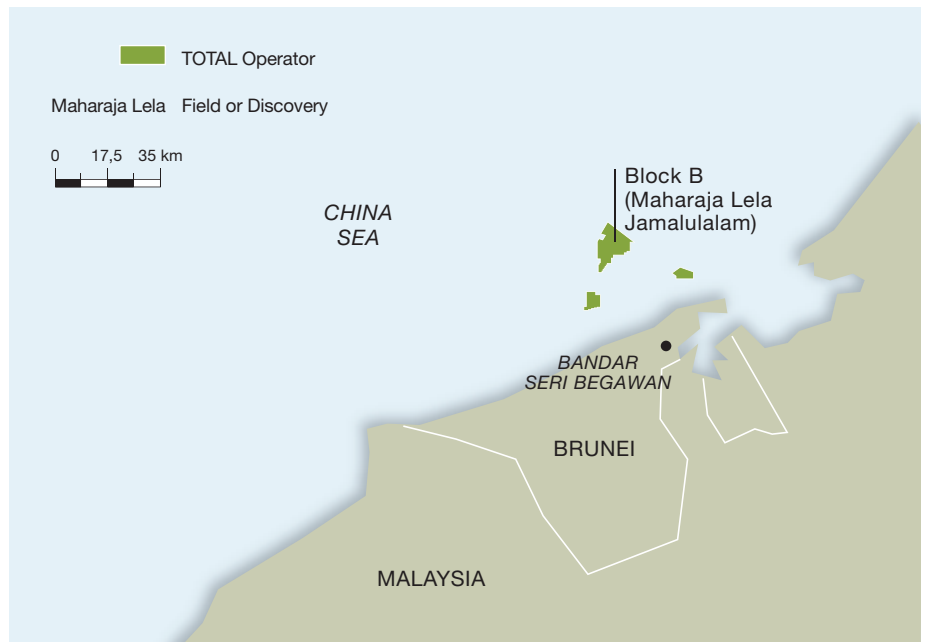
# UPSTREAM

Asia – Pacific acreage



In **BRUNEI**, where TOTAL has been present since 1986, the Group operates the offshore Maharaja Lela Jamalulalam field located on Block B (37.5%). The Group's production was 12 kboe/d in 2009. The gas produced at this field is delivered to the Brunei LNG liquefaction plant. On Block B, a new drilling campaign started in July 2009. Exploration operations on deep-offshore Block J (60%, operator) have been suspended since May 2003 due to a border dispute between Brunei and Malaysia.

## BRUNEI

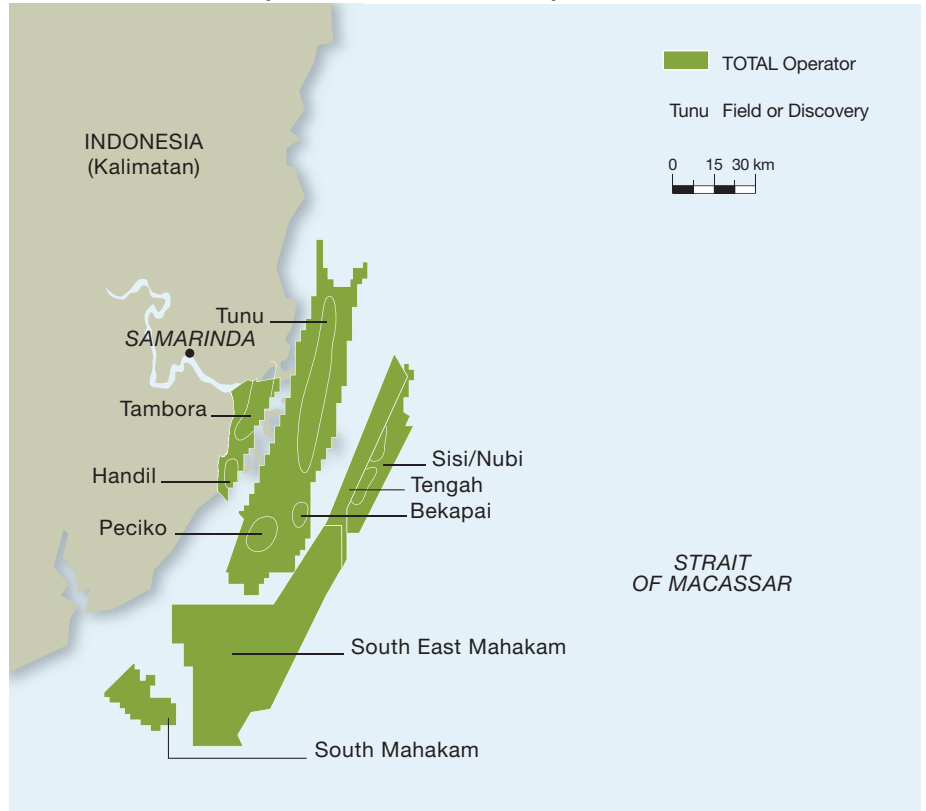


In **INDONESIA**, TOTAL has been present since 1968 with production of 190 kboe/d in 2009. TOTAL's operations are primarily concentrated on the Mahakam permit (50%, operator), which covers several fields, including Peciko and Tunu, the largest gas fields in the East Kalimantan area. TOTAL also holds an interest in the Sisi-Nubi field (47.9%, operator). TOTAL delivers most of its natural gas production to the Bontang LNG plant operated by the Indonesian company PT Badak. The overall capacity of the eight liquefaction trains at Bontang LNG is 22 Mt/y.

In 2009, gas production operated by TOTAL amounted to 2,561 Mcf/d. The gas operated and delivered by TOTAL to Bontang LNG accounted for 80% of its supply. In addition to gas production, operated condensates and oil production from the Handil and Bekapai fields amounted to 53 kb/d and 26 kb/d, respectively.

In February 2009, the Group signed, alongside its partner Inpex and the state-owned company Pertamina, heads of agreement with a consortium of LNG buyers in Japan, setting out the principal terms for an extension of the LNG sales contracts. As part of this agreement, a total of 25 Mt of LNG is expected to be delivered to Japan between 2011 and 2020 from the Bontang LNG Plant. The gas supplied will come from the Mahakam permit.

## INDONESIA (MAHAKAM AREA)





# UPSTREAM

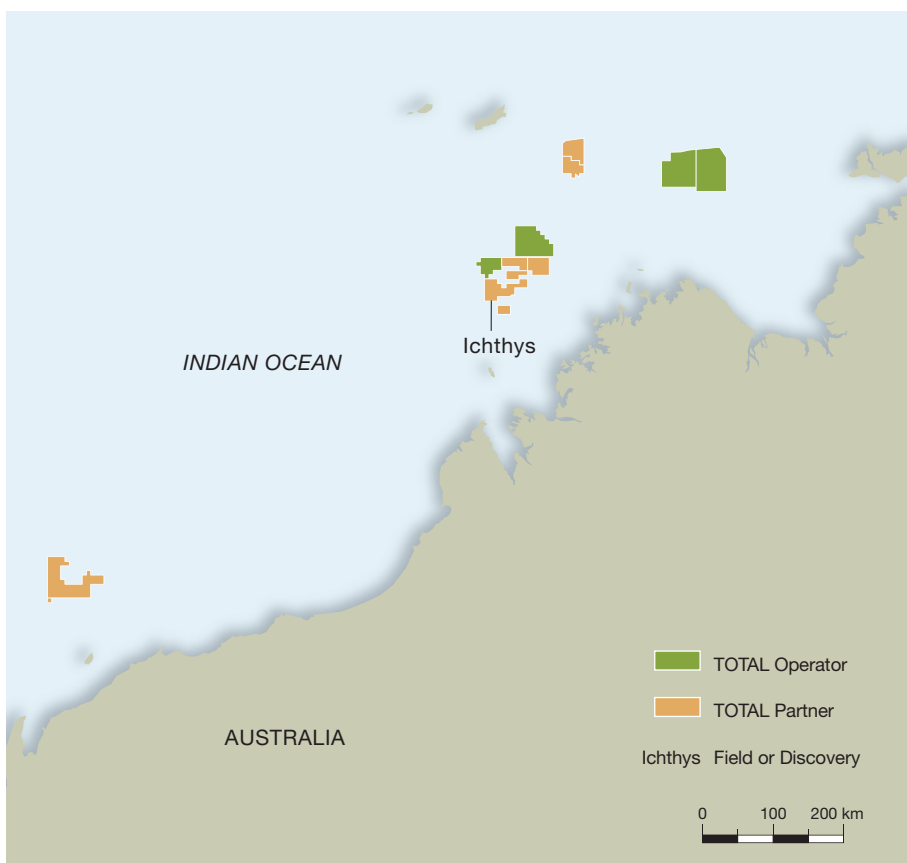
Asia – Pacific acreage

## CHINA



In **CHINA**, the Group is present on the South Sulige block, located in the Ordos Basin, in the Inner Mongolia province. Appraisal work was conducted on this block between 2006 and 2008, in particular seismic acquisition, the drilling of four new wells and tests on existing wells. Development studies were carried out in 2008 and were continued in 2009 in order to define a development plan with the China National Petroleum Corporation (CNPC). The joint development plan was submitted to the CNPC in January 2010.

## AUSTRALIA



In **AUSTRALIA**, where TOTAL has held leasehold rights since 2005, the Group owns twelve offshore permits, including four that it operates, off the northwest coast in the Browse, Vulcan, Bonaparte and Carnarvon Basins. In the Browse Basin, preparation of the Ichthys gas and condensates field development, located on the WA-285P permit (24%), is ongoing. FEED (Front End Engineering and Design) studies were launched in 2009 for a floating platform designed for gas production, treatment and export, an FPSO to stabilize and export condensates, a nearly 900 km gas pipeline and a liquefaction plant located in Darwin. Production capacity is expected to be 8.4 Mt/y of LNG, 1.6 Mt/y of LPG and 100 kb/d of condensates. The field is expected to come onstream in the second half of the decade. Major seismic acquisition activity occurred in 2008 on the four permits operated by TOTAL, followed by the interpretation of data in 2009. A drilling campaign is expected to be carried out in 2010 and 2011.

# SOUTH AMERICA ACREAGE

## UPSTREAM



## Highlights

In 2009, TOTAL's production in South America (including production of equity affiliates and non-consolidated subsidiaries) was 182 kboe/d, representing 8% of the Group's overall production.

In Colombia, the drilling of the Huron-1 well led to the discovery of a gas and condensate field in 2009. In Argentina, the Group signed an agreement extending the Aguada Pichana and San Roque concessions located in the Neuquen Basin for ten years. In French Guiana, TOTAL acquired a 25% interest in the Guyane Maritime permit in December 2009.

## Production

	2009	2008	2007	2006	2005
Liquids production (kb/d)	80	119	118	119	143
Gas production (Mcf/d)	564	579	618	598	586
<b>Total (kboe/d)</b>	<b>182</b>	<b>224</b>	<b>230</b>	<b>226</b>	<b>247</b>

## Producing assets as of December 31, 2009 <sup>(1)</sup>

Country (year of entry into the country)	Group-operated producing assets (Group share)	Non-Group-operated producing assets (Group share)
<b>Argentina (1978)</b>		
	Aguada Pichana (27.27%)	Sierra Chata (2.51%)
	Aries (37.50%)	
	Cañadon Alfa Complex (37.50%)	
	Carina (37.50%)	
	Hidra (37.50%)	
	San Roque (24.71%)	
<b>Bolivia (1995)</b>		
		San Alberto (15.00%)
		San Antonio (15.00%)
<b>Colombia (1973)</b>		
		Caracara (34.18%) <sup>(2)</sup>
		Cupiagua (19.00%)
		Cusiana (19.00%)
		Espinal (7.32%) <sup>(2)</sup>
		San Jacinto/Rio Paez (8.14%) <sup>(2)</sup>
<b>Trinidad &amp; Tobago (1996)</b>		
		Angostura (30.00%)
<b>Venezuela (1980)</b>		
		PetroCedeño (30.323%)
		Yucal Placer (69.50%)

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

(2) In Colombia, TOTAL has an indirect 34.18% interest in the Caracara block, 8.14% in the San Jacinto/Rio Paez block and 7.32% in the Espinal block via its participation in CEPSA (equity affiliate).



# UPSTREAM

## South America acreage

### ARGENTINA



TOTAL has been present in **ARGENTINA** since 1978 and operates approximately 27% of the country's gas production<sup>(1)</sup>. The Group's production was 80 kboe/d in 2009.

In February 2009, TOTAL and the Argentinean authorities signed an agreement extending the Aguada Pichana (27.3%, operator) and San Roque (24.7%, operator) concessions located in the Neuquen Basin for ten years (from 2017 until 2027). As part of this agreement, a 3D seismic survey was shot in late 2009 in the Las Carceles canyons area to allow exploration to continue on Aguada Pichana, on the western portion of the area that is already developed.

Development of the Aguada Pichana North discovery is underway. The second development phase was brought on-line between September and November 2009 with five producing wells.

In Tierra del Fuego, a decision was made late 2009 to launch the development of the offshore Vega Pleyade field and to extend low-pressure compression with an objective to start up production in late 2014.

(1) Source: Argentinean Ministry of Federal Planning, Public Investment and Services – Energy Secretary.

# UPSTREAM

## South America acreage



In **VENEZUELA**, TOTAL has been present since 1980 and is one of the main partners of state-owned PDVSA (Petróleos de Venezuela S.A.). TOTAL holds interests in PetroCedeño (30.323%), Yucal Placer (69.5%) and in the offshore exploration Block 4, located in the Plataforma Deltana (49%). In 2009, the Group's production was 54 kboe/d.

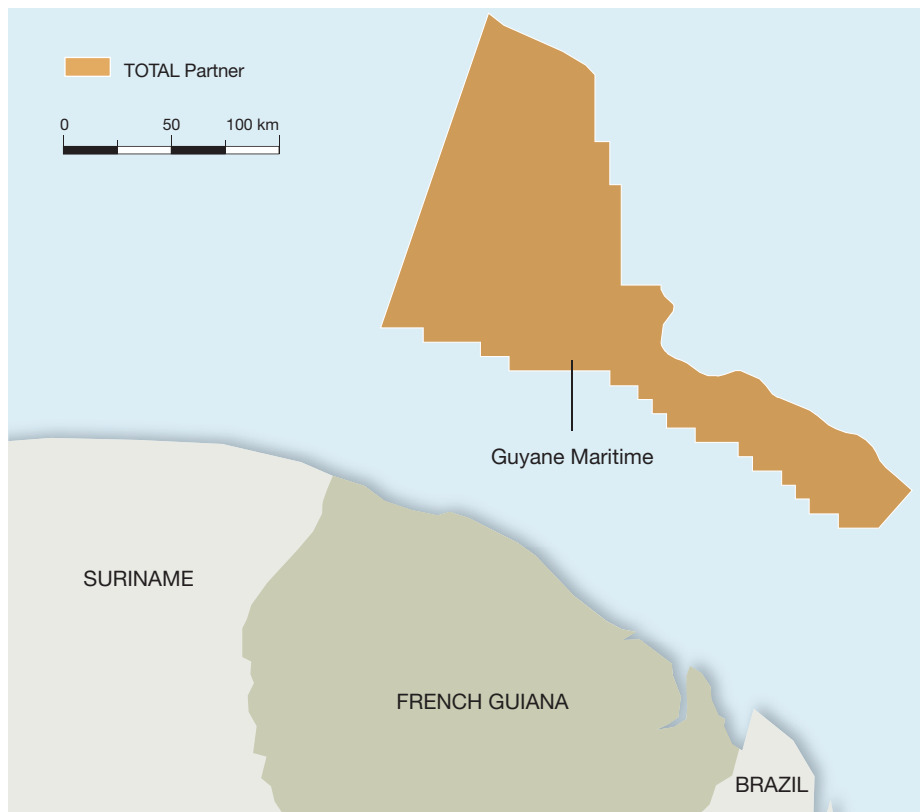
On June 2007, TOTAL signed heads of agreement with PDVSA, with the approval of the Ministry for Energy and Oil, providing for the transformation of the Sincor association into a mixed company, PetroCedeño, and the transfer of operations to this mixed company. Under this agreement, TOTAL's interest in the project decreased from 47% to 30.323% and PDVSA's interest increased to 60%. The transformation was finalized in February 2008. PDVSA agreed to compensate TOTAL for the reduction of its interest in Sincor. The compensation process was completed in 2009. Early in 2008, TOTAL signed two agreements for joint studies with PDVSA on the Junin 10 block, in the Orinoco region.

## VENEZUELA – CARIBBEAN SEA



In **FRENCH GUIANA**, TOTAL acquired a 25% interest in the Guyane Maritime permit in December 2009. The acquisition is subject to approval by the French authorities. The permit, located about 150 km off the coast, covers an area of approximately 32,000 km<sup>2</sup> in water depths ranging from 2,000 to 3,000 meters. A 3D seismic acquisition program is already underway on this permit.

## FRENCH GUIANA

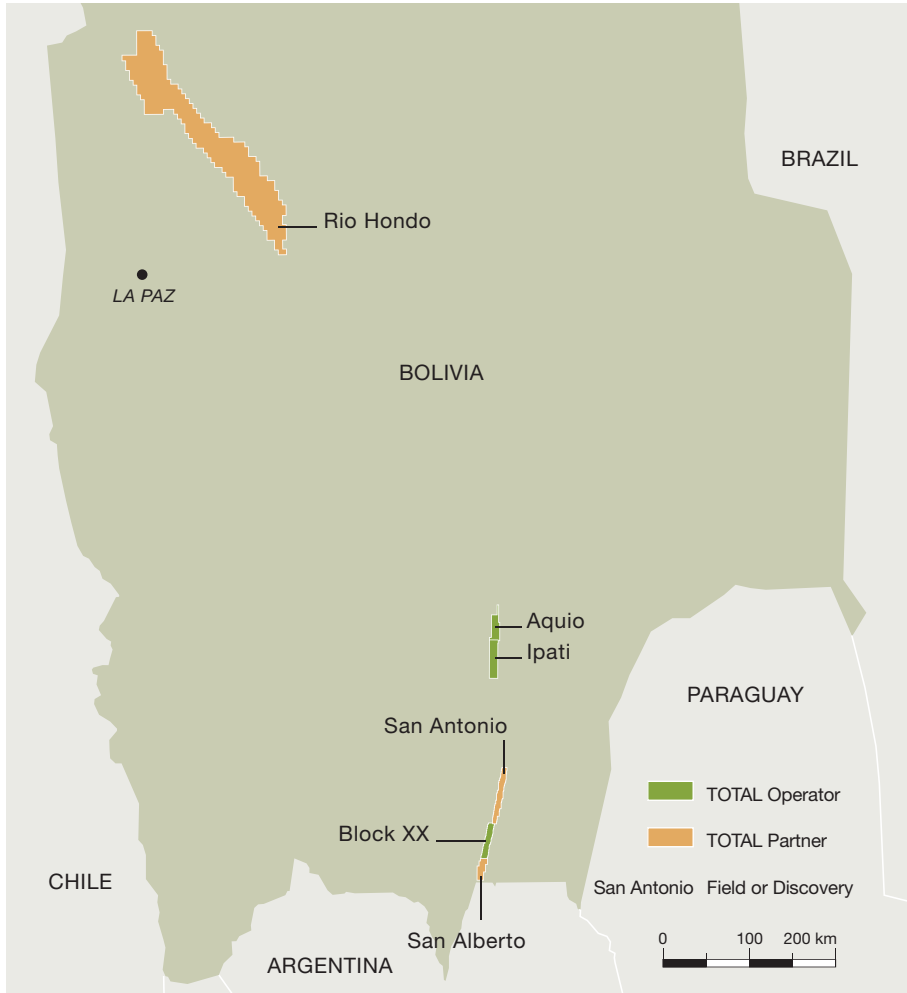




# UPSTREAM

## South America acreage

### BOLIVIA



In **BOLIVIA**, Group's production was 20 kboe/d in 2009. TOTAL holds interests in six permits: two producing permits, San Alberto and San Antonio (15%); and four permits in the exploration or appraisal phase, Blocks XX West (75%, operator), Aquio and Ipati (80%, operator) and Rio Hondo (50%).

In September 2008, TOTAL entered into a cooperation agreement with Gazprom and Yacimientos Petroliferos Fiscales Bolivianos to explore the Azero Block within the framework of a joint venture company. TOTAL and Gazprom will be partners with equal interests in this joint venture.

Regarding the Itau discovery, located on Block XX West, TOTAL filed in August 2009 a declaration of commerciality with the Bolivian authorities. Development of this field is proceeding and start-up is expected in the second half of 2010. Production from Itau will be routed to the existing facilities of the neighboring San Alberto field.

TOTAL has been present in **TRINIDAD & TOBAGO** since 1996 through its 30% interest in the offshore Angostura field located on Block 2C. A second phase intended to develop gas reserves is underway, with first production expected in 2011.

### COLOMBIA



TOTAL has been present in **COLOMBIA** since 1973 with a production of 23 kboe/d in 2009. The Group holds a 19% interest in the onshore Cupiagua and Cusiana fields located at the base of the Andes, and a 50% interest in the Niscota exploration permit located 300 km northeast of Bogotá. The drilling of the Huron-1 well led to the discovery of a gas and condensate field in 2009. TOTAL is also active through its interest in CEPSA (48.83%) which has operated the Caracara Block since 2008.

In **BRAZIL**, TOTAL holds interests in Block BC-2 (41.2%) and Block BM-C-14 (50%) located in the Campos Basin. On Block BC-2, a pre-salt prospect was found following seismic reprocessing, under the Xerelete discovery made in 2001. An appraisal well is expected to be drilled in 2011.



# NORTH AMERICA ACREAGE

## UPSTREAM



### Highlights

The Group has been present in North America since 1957, and the production was 24 kboe/d in 2009.

In this region, the Group has recently strengthened its positions:

- in Canadian oil sands, notably through the acquisition of Synenco in 2008;
- in US non conventional gas through the creation of a JV in the Barnett Shale area with Chesapeake in 2009;
- in the deep-offshore Gulf of Mexico through the start-up of Tahiti and a strategic alliance with Cobalt International Energy in 2009.

### Production

	2009	2008	2007	2006	2005
Liquids production (kb/d)	20	11	14	7	9
Gas production (Mcf/d)	22	15	34	47	174
<b>Total (kboe/d)</b>	<b>24</b>	<b>14</b>	<b>20</b>	<b>16</b>	<b>41</b>

### Main projects <sup>(1)</sup>

Start-up	Projects	Type	Capacity (kboe/d)	Share	Op. <sup>(2)</sup>	Country
2009	Tahiti	Deep offshore	135	17%		US
2014+	Surmont Ph. 2	Heavy oil	90	50%		Canada
	Joslyn	Heavy oil	100	75%	✓	Canada

### Producing assets as of December 31, 2009 <sup>(3)</sup>

Country (year of entry into the country)	Group-operated producing assets (Group share)	Non-Group-operated producing assets (Group share)
<b>Canada (1999)</b>		Surmont (50.00%)
<b>United States (1957)</b>	Matterhorn (100.00%) Virgo (64.00%) <sup>(4)</sup>	Several assets in the Barnett Shale area (25.00%) Tahiti (17.00%)

(1) Project status as of February 2010.

(2) Operated by TOTAL or through an operating company.

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

(4) Divestment announcement made in April 2010 and effective January 1, 2010.



## UPSTREAM

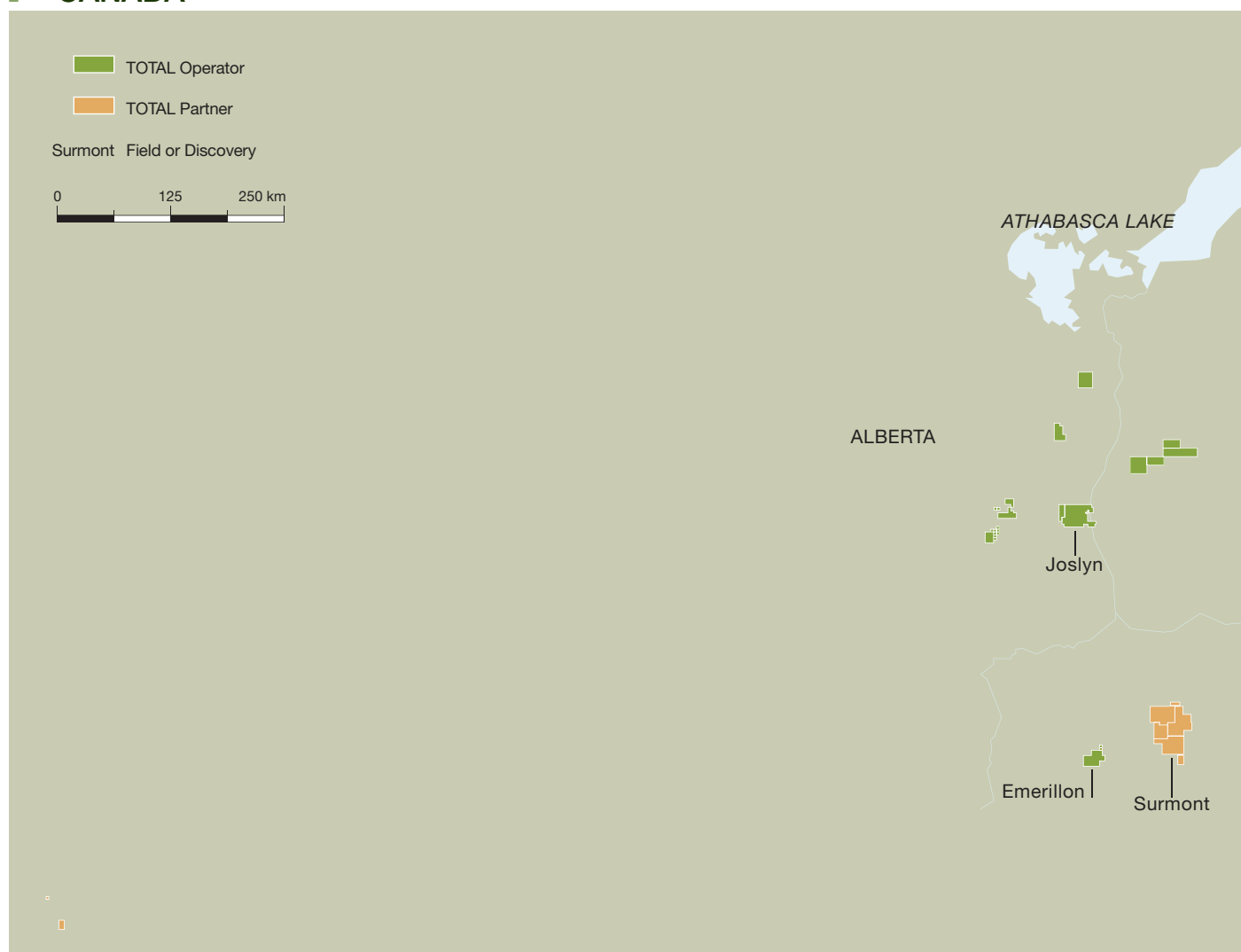
North America acreage

In **CANADA**, the Group is involved in oil sands projects in Athabasca, Alberta, through its interests in the Surmont (50%), Joslyn (75%, operator) and Northern Lights (50%, operator) permits. Since the end of 2004, the Group has also acquired 100% of several permits (Oil Sands Leases) through several auction sales. The Group's production amounted to 8 kboe/d in 2009. On Surmont, in early 2010, the partners of the project decided to launch the construction of the second phase of industrial development. Start-up of production from Surmont Phase 2 is scheduled in 2015 and overall production capacity from Surmont (Phases 1 and 2) is expected to increase to 110 kb/d (in 100%). The Joslyn permit is expected to be developed through mining techniques in two development phases of 100 kb/d

of bitumen each. In 2009, the pre-project for the first development phase (Joslyn North Mine) was completely reviewed, notably to meet the requirements of the February 2009 new regulation related to tailings management. The review was completed in February 2010, concurrent with the filing of an updated administrative file with the authorities. Continuation of preparation for the first phase was approved in early March 2010, together with the launch of basic engineering studies. Development of the project is expected to be approved in the following years for a start-up in 2017. However, this schedule is subject to the ERCB (Energy Resources Conservation Board) administrative approval process. In 2006, TOTAL conducted studies leading to the decision to locate a delayed coker

technology upgrader with a capacity of approximately 230 kb/d in Edmonton (Alberta). This upgrader is expected to be built in two phases to match the anticipated increase in bitumen production on the Joslyn permit. Pursuant to a public announcement in May 2007 and the ERCB filing in December 2007, the project is now subject to a public hearing expected in late May 2010. Basic engineering studies, launched in May 2008, ended in late 2009. This was the last step before construction work is launched. However, the final decision to launch the project can only be made after the approval by the administrative authorities and start-up should coincide with start-up of Joslyn North Mine.

## CANADA

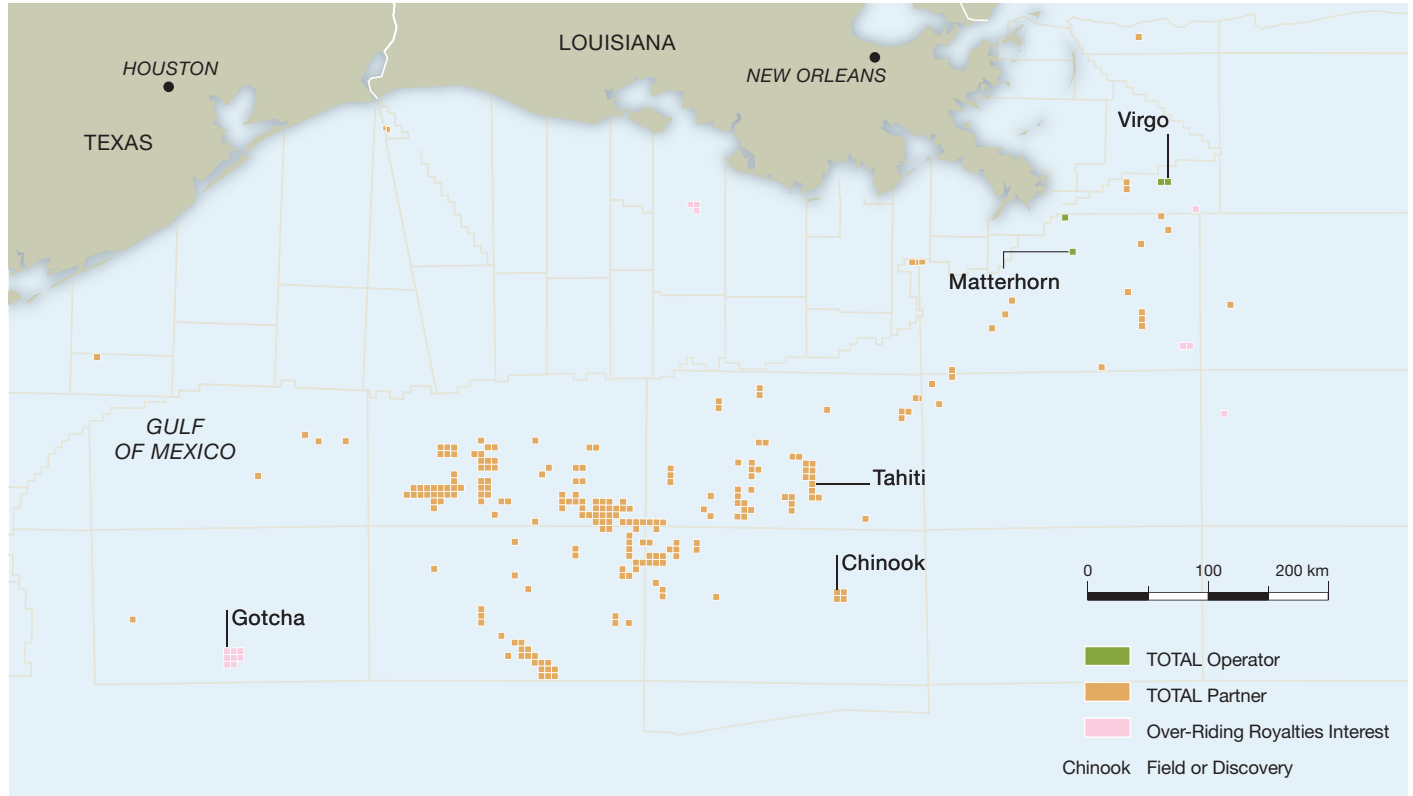


# UPSTREAM

North America acreage



## GULF OF MEXICO



In the **UNITED STATES**, the Group's 2009 production amounted to 16 kboe/d.

In January 2009, the Group finalized the acquisition of a 50% interest in American Shale Oil LLC in order to study the technology to develop oil shales in Colorado.

In the Gulf of Mexico, the deep-offshore Tahiti oil field (17%) started producing in May 2009 and rapidly reached plateau production of 135 kb/d. In April 2009,

TOTAL and Cobalt signed an agreement to merge both companies' deep-offshore acreage, with Cobalt holding a 60% interest and TOTAL the remaining 40%. As part of this agreement, Cobalt is operating the exploration part and TOTAL is providing the drilling rig for the first five exploration wells. In addition, engineers from TOTAL are assigned to the exploration team set up by Cobalt in Houston.

In late 2009, TOTAL signed a joint venture agreement with Chesapeake, effective

retrospectively since October 1, 2009. As part of this joint venture, TOTAL holds 25% of Chesapeake's non-conventional gas portfolio in the Barnett Shale area in Texas which produce approximately 700 Mcf/d.

In **MEXICO**, TOTAL is conducting various studies in cooperation with state-owned PEMEX under a technical cooperation agreement signed in 2003 and renewed in early 2010.

# DOWNSTREAM

**2.6 Mb/d**  
of refining capacity

**16,299**  
retail stations

**2.8 B€**  
invested in 2009

**33,760**  
employees



# DOWNSTREAM

## Introduction

The Downstream segment conducts TOTAL's refining, marketing, trading and shipping activities.

## BUSINESS STRATEGIES

### Refining

- Adapting the refining system in Europe and North America to structural market changes.
- Focusing on the most competitive/sophisticated refineries (ranked in the top quartile).
- Increase selectivity of investments (large and highly-efficient projects providing secure access to crude oil) with a priority for safety investment.
- Building new refining capacities in growth areas such as Asia and the Middle East (e.g. Jubail).

### Marketing

- Consolidating positions in Western Europe core markets and diversifying the product offering through quality services and a large network.
- Optimizing our leading positions on African growing markets.
- Targeting other growth areas with Asia and the Middle East as a priority.

### Trading & Shipping

- Serving the Group's needs in terms of sale supply and shipping of crude and petroleum products.
- Benefiting from our know-how to extend the scope of operations on both physical and derivatives markets subject to strict internal controls.



### 2009 OPERATING HIGHLIGHTS

- Award of the EPC (Engineering, Procurement and Construction) contracts by Total and Saudi Aramco for the Jubail refinery.
- Ongoing construction of a deep conversion unit at the Port Arthur refinery with the installation of the four coker drums.
- Merger with ERG in Italy to optimize the Group's refining and marketing portfolio in Europe.
- Start-up of the third hydrodesulfurization unit (HDS 3) at the Leuna refinery (Germany).
- First service stations in Jordan and Indonesia.
- Inauguration of the 100th service station in China, developed in partnership with Sinochem (Chinese oil company).

### 2010-2012 OUTLOOK

- Upgrading the Normandy refinery to optimize yields (increase distillate yields and reduce gasoline output) and improve energy efficiency.
- Continuing restructuring of Refining and Logistics operations (decrease of refining capacity by a targeted 500 kb/d between 2007 and 2011(e)).
- Completion of deep conversion project at Port Arthur refinery.



## DOWNSTREAM

### Financial highlights

<i>(in million euros)</i>	2009	2008	2007	2006	2005
Adjusted operating income <sup>(1)</sup>	1,026	3,602	3,287	3,644	3,899
Adjusted net operating income <sup>(1)</sup>	953	2,569	2,535	2,784	2,916
<i>Income from equity affiliates</i>	155	77	258	269	280
Investments	2,771	2,418	1,875	1,775	1,779
Divestments	133	216	394	428	204
Cash flows	1,164	3,111	4,148	3,626	2,723
Adjusted cash flows <sup>(1)</sup>	1,601	4,018	3,276	3,904	3,688
<i>(in million dollars)</i> <sup>(2)</sup>	2009	2008	2007	2006	2005
Adjusted operating income <sup>(1)</sup>	1,431	5,298	4,504	4,576	4,851
Adjusted net operating income <sup>(1)</sup>	1,329	3,778	3,474	3,496	3,628
<i>Income from equity affiliates</i>	216	113	354	338	348
Investments	3,865	3,556	2,570	2,229	2,214
Divestments	186	318	540	537	254
Cash flows	1,624	4,576	5,684	4,553	3,388
Adjusted cash flows <sup>(1)</sup>	2,233	5,910	4,489	4,902	4,589

### Operational highlights <sup>(3)</sup>

<i>(in kb/d)</i>	2009	2008	2007 <sup>(4)</sup>	2006	2005
Distillation capacity Group share at year-end <sup>(5)</sup>	2,594	2,604	2,598	2,700	2,708
Refinery throughput	2,151	2,362	2,413	2,454	2,410
Refined product sales excluding trading sales	2,641	2,720	2,893	2,862	2,884
Refined product sales including trading sales	3,616	3,658	3,774 <sup>(6)</sup>	3,682 <sup>(6)</sup>	3,713 <sup>(6)</sup>

(1) Adjusted net income is defined as net income using replacement cost (Group share) adjusted for special items and excluding TOTAL's share of adjustments and, from 2009, selected items related to Sanofi-Aventis. Adjusted cash flows is defined as cash flows from operating activities at replacement cost before changes in working capital.

(2) Dollar amounts represent euro amounts converted at the average €-\$ exchange rate for the period.

(3) Including share of equity affiliate CEPESA.

(4) In 2007, TOTAL sold its 70% interest in the Milford Haven refinery in Wales and its 55.6% in the Fina Petroleos de Angola (FPA) company. The assets of FPA consist notably of the Luanda refinery.

(5) TOTAL sold its 50% interest in Indeni Refinery in Zambia on September 30th 2009.

(6) Amounts are different from those in previous publications due to a change in the calculation method for sales of the Port Arthur refinery sales.



Log on to  
[www.total.com](http://www.total.com)

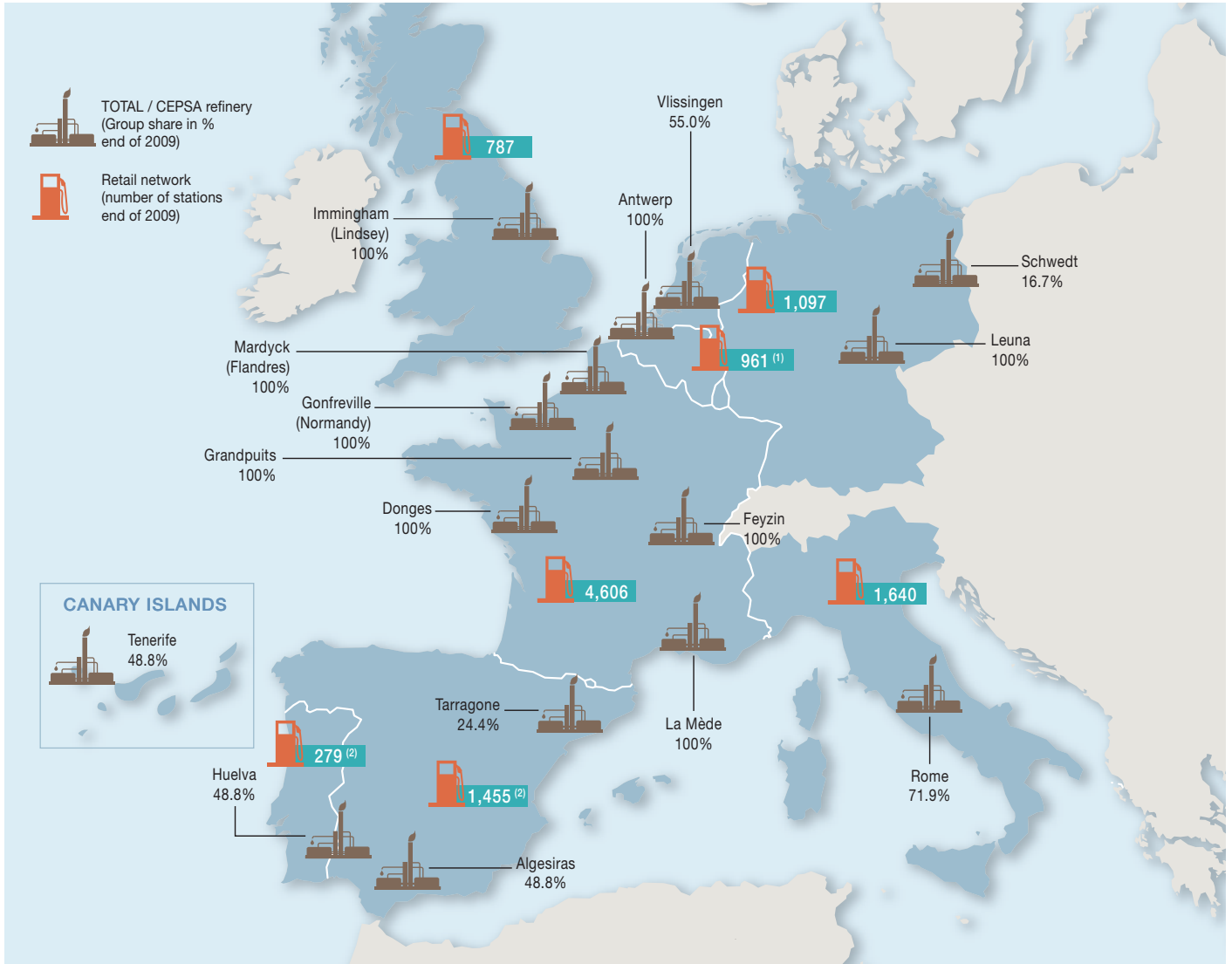
Download  
all the tables from 1998  
to 2009 in Excel format



# DOWNSTREAM



## Refining & Marketing in Western Europe



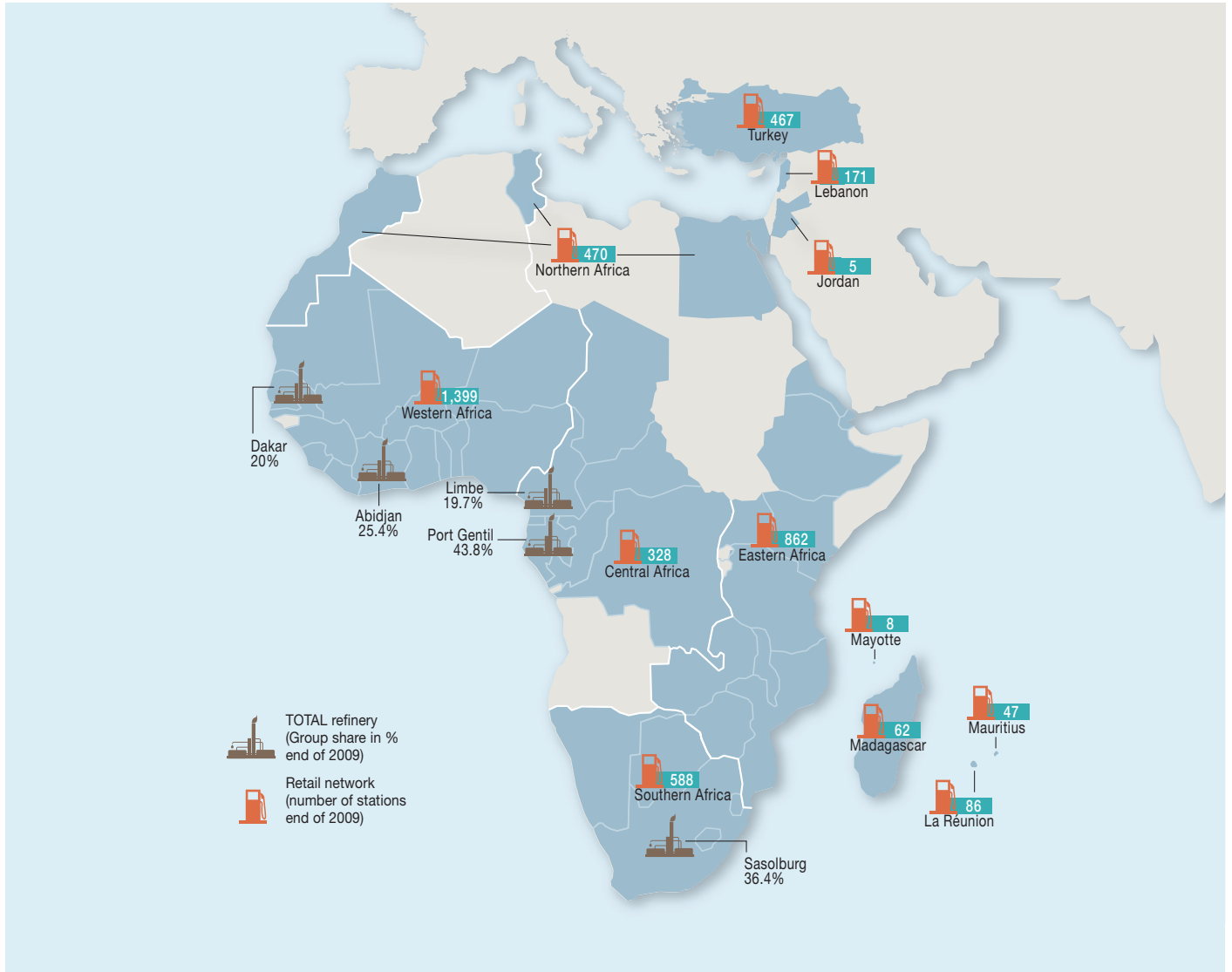
(1) Benelux.

(2) Total number of CEPSA retail gasoline outlets, TOTAL holds 48.83% of CEPSA. On May 1, 2008, TOTAL sold its outlets in Portugal to CEPSA.



# DOWNSTREAM

## Refining & Marketing in Africa and in the Middle East



# DOWNSTREAM



## Refineries capacity

As of December 31, 2009 (in kb/d)	Total Distillation Capacity	Group Interest	Group Capacity	Major upgrading plant capacity at 100% <sup>(1)</sup>								
				Cat Crack	Cat Reform	Hydro- Cracking	Resid. Hydro- Treat	Dist. Hydro- Treat	Alky	Isom	Vis	
<b>France</b>												
Normandy, Gonfreville	338	100.00%	338	48	58	56	–	249		21	22	
Provence, La Mède	158	100.00%	158	36	29	–	–	113	4	23	14	
Flandres, Mardyck	137	100.00%	137	46	24	–	–	102		27		
Donges	230	100.00%	230	51	34	–	–	125	6	4	30	
Feyzin	117	100.00%	117	29	10	–	–	70	4	–	15	
Grandpuits	101	100.00%	101	29	13	–	–	74	4	–	13	
<b>Total France</b>	<b>1,081</b>		<b>1,081</b>	<b>239</b>	<b>168</b>	<b>56</b>	<b>–</b>	<b>733</b>	<b>18</b>	<b>75</b>	<b>94</b>	
<b>Rest of Europe</b>												
United Kingdom, Immingham	221	100.00%	221	50	33	–	–	117	8	–	26	
The Netherlands, Vlissingen	147	55.00%	81	–	26	63	–	65	–	–	–	
Belgium, Antwerp	350	100.00%	350	98	56	–	85	252	10	–	30	
Italy, Rome	89	71.90%	64	–	14	–	–	51	–	–	32	
Germany, Schwedt	228	16.67%	38	55	36	–	–	232	9	19	45	
Germany, Leuna	230	100.00%	230	59	25	–	–	231	9	15	24	
<b>Total rest of Europe</b>	<b>1,265</b>		<b>984</b>	<b>262</b>	<b>190</b>	<b>63</b>	<b>85</b>	<b>948</b>	<b>36</b>	<b>34</b>	<b>157</b>	
<b>United States</b>												
Texas, Port Arthur <sup>(2)</sup>	174	100.00%	174	76	38	–	–	158	6	10	–	
<b>Total United States</b>	<b>174</b>		<b>174</b>	<b>76</b>	<b>38</b>	<b>–</b>	<b>–</b>	<b>158</b>	<b>6</b>	<b>10</b>	<b>–</b>	
<b>French West Indies</b>												
Martinique, Fort-de-France	17	50.00%	8	–	3	–	–	9	–	–	–	
<b>Total French West Indies</b>	<b>17</b>		<b>8</b>	<b>–</b>	<b>3</b>	<b>–</b>	<b>–</b>	<b>9</b>	<b>–</b>	<b>–</b>	<b>–</b>	
<b>Africa <sup>(3)</sup></b>												
Cameroon, Limbe	45	19.70%	9	–	8	–	–	27	–	–	–	
Ivory Coast, Abidjan	84	25.35%	21	–	14	17	–	14	–	–	–	
Gabon, Port Gentil	21	43.80%	9	–	2	–	–	–	–	–	9	
Senegal, Dakar	25	20.00%	5	–	3	–	–	–	–	–	–	
South Africa, Sasolburg	105	36.36%	38	24	18	13	16	22	4	–	–	
<b>Total Africa</b>	<b>280</b>		<b>82</b>	<b>24</b>	<b>45</b>	<b>30</b>	<b>16</b>	<b>63</b>	<b>4</b>	<b>–</b>	<b>9</b>	
<b>Asia</b>												
China, Dalian	215	22.41%	48	56	15	29	–	117	–	–	–	
<b>Total Asia</b>	<b>215</b>		<b>48</b>	<b>56</b>	<b>15</b>	<b>29</b>	<b>–</b>	<b>117</b>	<b>–</b>	<b>–</b>	<b>–</b>	
<b>Indirect participations</b>												
Algesiras, Spain - CEPSA <sup>(4)</sup>	249	48.83%	122	36	41	–	–	64	5	9	33	
Tenerife, Spain - CEPSA <sup>(4)</sup>	89	48.83%	43	–	15	–	–	32	–	–	30	
Huelva, Spain - CEPSA <sup>(4)</sup>	100	48.83%	49	19	20	–	–	39	–	–	9	
Tarragone, Spain - ASESAs <sup>(4) (5)</sup>	14	24.42%	3	–	–	–	–	–	–	–	–	
<b>Total CEPSA</b>	<b>452</b>		<b>217</b>	<b>55</b>	<b>76</b>	<b>–</b>	<b>–</b>	<b>135</b>	<b>5</b>	<b>9</b>	<b>72</b>	
<b>Worldwide Crude Distillation</b>	<b>3,484</b>		<b>2,594</b>									
<b>Worldwide Upgrading Capacities</b>				<b>712</b>	<b>535</b>	<b>178</b>	<b>101</b>	<b>2,163</b>	<b>69</b>	<b>129</b>	<b>332</b>	

(1) Cat Crack: Catalytic Cracking; Cat Reform: Catalytic Reforming; Resid Hydrotreat: Residual Hydrotreating; Dist Hydrotreat: Distillate Hydrotreating; Alky: Alkylation; Isom: C5/C6 Isomerization; Vis: Visbreaker.

(2) Does not include the Condensates Splitter held by the joint venture BFLP (40% Total Petrochemicals, 60% BASF and Total Petrochemicals operator). Capacity = 58 kb/d.

(3) TOTAL sold its 50 % interest in Indeni Refinery in Zambia on September 30th 2009.

(4) Held through TOTAL's 48.83% equity consolidated participation in CEPSA.

(5) CEPSA's share: 50%.



# DOWNSTREAM

## Distillation capacity (Group share)

As of December 31, (kb/d)	2009	2008	2007 <sup>(1)</sup>	2006	2005
France	1,081	1,082	1,078	1,075	1,094
Rest of Europe	984	982	978	1,053	1,053
United States and French West Indies	182	182	182	182	182
Asia	48	49	49	49	48
Africa <sup>(2)</sup>	82	92	94	127	134
Net share of CEPSA	217	217	217	214	197
<b>Total</b>	<b>2,594</b>	<b>2,604</b>	<b>2,598</b>	<b>2,700</b>	<b>2,708</b>

## Refinery throughput (Group share)

(kb/d)	2009	2008	2007 <sup>(1)</sup>	2006	2005
France	836	956	927	933	939
Rest of Europe	863	905	978	1,022	964
United States and French West Indies	140	161	176	169	172
Asia	39	37	37	39	39
Africa <sup>(2)</sup>	71	74	83	89	102
Net share of CEPSA	202	229	212	202	194
<b>Total</b>	<b>2,151</b>	<b>2,362</b>	<b>2,413</b>	<b>2,454</b>	<b>2,410</b>

## Utilization rate (based on crude and other feedstocks) <sup>(3)</sup>

(%)	2009	2008	2007	2006	2005
France	77	89	86	85	85
Rest of Europe	88	93	93	97	92
United States and French West Indies	77	88	97	93	93
Asia	80	76	76	81	81
Africa	77	79	65	66	88
Net share of CEPSA	93	106	99	103	98
<b>Average</b>	<b>83</b>	<b>91</b>	<b>89</b>	<b>91</b>	<b>89</b>

## Utilization rate (based on crude only) <sup>(4)</sup>

(%)	2009 <sup>(2)</sup>	2008	2007	2006	2005
<b>Average</b>	<b>78</b>	<b>88</b>	<b>87</b>	<b>88</b>	<b>88</b>

## Production levels (Group share) <sup>(5)</sup>

(kb/d)	2009 <sup>(2)</sup>	2008	2007 <sup>(1)</sup>	2006	2005
LPG	73	77	74	77	84
Motor gasoline	407	443	501	532	534
Avgas and jet fuel	186	208	208	203	199
Diesel fuel and heating oils	851	987	964	952	976
Fuel oils	245	257	254	266	248
Lubricants	8	8	10	10	9
Solvents	3	6	7	8	10
Bitumen	33	37	35	38	35
Other products	282	289	286	322	268
<b>Total</b>	<b>2,088</b>	<b>2,312</b>	<b>2,339</b>	<b>2,408</b>	<b>2,363</b>

(1) In 2007, TOTAL sold its 70% interest in the Milford Haven refinery in Wales and its 55.6% in Fina Petroleos de Angola (FPA). The assets of FPA consist notably of the Luanda refinery.

(2) TOTAL sold its 50% interest in Indeni Refinery in Zambia on September 30th 2009.

(3) Refinery throughput (crude + cracker feedstocks) / (distillation capacity as of beginning of the year).

(4) Refinery throughput (crude) / (distillation capacity as of beginning of the year).

(5) Including net share of CEPSA. TOTAL holds 48.83% of CEPSA as of end-2009.

## STRENGTHENING DOWNSTREAM THROUGH STRATEGIC PARTNERSHIPS



### Building strategic partnerships with producing countries: construction of a refinery with Saudi Aramco in Jubail, Saudi Arabia

#### Jubail refinery and petrochemicals project in Saudi Arabia:

- 400 kb/d grassroots refinery to treat Arab Heavy
- SATORP<sup>(1)</sup> joint venture (TOTAL 37.5%) created in September 2008
- EPC contracts awarded in June 2009 for 9.6 B\$ (25% cost reduction)
- 25% expected to be listed on the Saudi stock exchange in late 2011
- Start-up in 2013(e)

#### Gaining a foothold in Saudi Arabia, expanding presence close to growing markets:

- Access to resources: dedicated supply of crude from giant fields close to site
- Valorizing selective feedstocks through full conversion with high middle distillate yield
- Excellent location for export
- Ideal positioning to meet long-term demand



### Pursuing TOTAL's European downstream portfolio optimization: joint venture with ERG in Italy

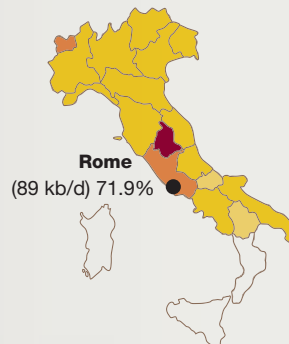
#### Creation of the TotalErg joint venture in Italy:

- Agreement signed with ERG in January 2010<sup>(2)</sup> to create a joint venture in the Refining and Marketing<sup>(3)</sup> business in Italy
- Full joint governance and independence of the joint venture (TOTAL, 49%; ERG, 51%)

#### A strategic partnership to ensure a sustainable and profitable presence in Italy:

- Reaching critical size: creation of the third-largest marketing operator in Italy
- Leveraging strong synergies: 20% decrease in fixed costs
- Maximizing brand exposure through co-branded network and Total-branded specialty products

#### BEFORE

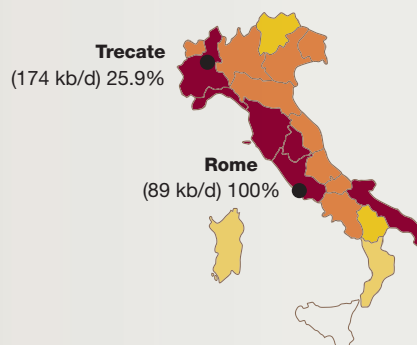


**TOTAL: 1,700 stations**

- Retail market share: ~6%
- Lubricants, LPG, bitumen, aviation

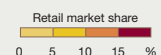


#### AFTER



**TOTAL (49%) + ERG (51%): 3,400 stations**

- Retail market share: ~13%
- Lubricants, LPG, bitumen



(1) Saudi Aramco TOTAL Refining and Petrochemical Company.

(2) The transaction is subject to approval by the relevant authorities.

(3) Excluding Sicily and excluding jet fuels and AS24 network.



## DOWNSTREAM

### Petroleum product sales (excluding trading sales)

#### By geographic area

(kb/d)	2009	2008 <sup>(1)</sup>	2007	2006	2005
<b>Europe</b>					
France	808	822	846	837	852
United Kingdom	137	162	220	216	253
Benelux	312	335	283	268	264
Germany	353	343	386	425	421
Spain, Portugal and Italy	96	107	173	175	171
Rest of Europe	74	74	89	90	88
<b>Total Europe</b>	<b>1,780</b>	<b>1,843</b>	<b>1,997</b>	<b>2,011</b>	<b>2,049</b>
<b>Africa</b>					
Northern Africa	53	54	53	47	43
Western Africa	76	73	67	72	75
Eastern Africa	40	35	37	33	27
Southern Africa	68	66	68	64	61
Central Africa	25	25	25	19	20
Other <sup>(2)</sup>	19	26	36	39	34
<b>Total Africa</b>	<b>281</b>	<b>279</b>	<b>286</b>	<b>274</b>	<b>260</b>
<b>Americas</b>					
United States <sup>(3)</sup>	118	147	162	160	177
Caribbean Islands	39	23	21	20	17
Latin America	8	7	8	7	7
<b>Total Americas</b>	<b>165</b>	<b>177</b>	<b>191</b>	<b>187</b>	<b>201</b>
<b>Middle East</b>					
<b>Total Middle East</b>	<b>53</b>	<b>54</b>	<b>51</b>	<b>49</b>	<b>57</b>
<b>Asia</b>					
Far East	68	68	68	63	57
Pacific	8	6	6	4	3
Indian Oceans	13	13	13	10	10
<b>Total Asia</b>	<b>89</b>	<b>87</b>	<b>87</b>	<b>77</b>	<b>70</b>
<b>Equity affiliates and non-consolidated subsidiaries</b>					
Net share of CEPSA	273	280	281	264	247
<b>Total worldwide</b>	<b>2,641</b>	<b>2,720</b>	<b>2,893</b>	<b>2,862</b>	<b>2,884</b>

### Balancing and export sales (trading sales)

#### By geographic area

(kb/d)	2009	2008	2007	2006	2005
Europe	382	410	373	415	353
Africa	115	89	72	58	76
Americas	256	297	364	289	350
Middle East	51	15	7	18	12
Asia <sup>(4)</sup>	163	96	64	27	–
Rest of world <sup>(4)</sup>	8	31	1	13	38
<b>Total worldwide</b>	<b>975</b>	<b>938</b>	<b>881</b>	<b>820</b>	<b>829</b>

(1) In 2008, TOTAL took over Exxon Mobil's gasoline outlets in Puerto Rico and Jamaica.

(2) Represents supply from France to African non-consolidated Group companies and third parties.

(3) Amounts are different from those in previous publications due to a change in the calculation method for sales of the Port Arthur refinery sales.

(4) In 2005, sales to Asia are included in "Rest of world".





## Petroleum product sales (including trading sales)

### By geographic area

(kb/d)	2009	2008	2007	2006	2005
Europe <sup>(1)</sup>	2,435	2,533	2,651	2,690	2,649
Africa	396	368	358	332	336
Americas <sup>(2)</sup>	421	474	555	476	551
Middle East	104	69	58	67	69
Asia <sup>(3)</sup>	252	183	151	104	70
Rest of world <sup>(3)</sup>	8	31	1	13	38
<b>Total</b>	<b>3,616</b>	<b>3,658</b>	<b>3,774</b>	<b>3,682</b>	<b>3,713</b>

### By main product <sup>(1)</sup>

(kb/d)	2009	2008	2007	2006	2005
LPG	129	130	145	155	143
Motor gasoline	824	800	833	835	915
Avgas and jet fuel	275	282	311	304	300
Diesel fuel and heating oils	1,453	1,533	1,515	1,491	1,546
Fuel oils	583	547	616	545	485
Lubricants	35	35	36	33	31
Solvents	25	44	51	35	32
Bitumen	63	64	61	61	56
Other products	229	223	206	223	205
<b>Total</b>	<b>3,616</b>	<b>3,658</b>	<b>3,774</b>	<b>3,682</b>	<b>3,713</b>

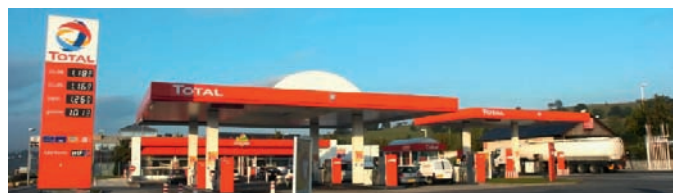
## Shipping data

Year ended December 31,	2009	2008	2007	2006	2005
Chartered fleet (number of tankers)	55	62	65	63	60
Deadweight (kt)	4,691	4,628	4,222	4,098	4,162
Tonnages carried (kt)	45,398	54,780	58,912	58,802	55,560
Ton-miles (billions)	158.1	163.1	144.6	156.4	163.1

(1) Including net share of CEPSA. TOTAL holds 48.83% of CEPSA as of end-2009.

(2) Amounts are different from those in previous publications due to a change in the calculation method for sales of the Port Arthur refinery sales.

(3) In 2005, trading sales to Asia are included in "Rest of world".



# DOWNSTREAM

## Retail gasoline outlets

As of December 31,	2009	2008	2007	2006	2005
<b>Europe</b>					
France	4,606	4,782	4,992	5,220	5,459
United Kingdom	787	798	866	873	1,052
Benelux	961	976	1,010	1,056	1,075
Germany	1,097	1,112	1,117	1,121	1,155
Italy	1,640	1,655	1,632	1,441	1,517
Spain and Portugal <sup>(1)</sup>	–	–	137	137	138
<b>Total Europe</b>	<b>9,091</b>	<b>9,323</b>	<b>9,754</b>	<b>9,848</b>	<b>10,396</b>
<b>Africa</b>					
Northern Africa	470	463	471	467	466
Western Africa <sup>(2)</sup>	1,399	1,377	1,393	1,479	1,474
Eastern Africa	862	768	779	726	649
Southern Africa	588	562	575	587	590
Central Africa	328	330	331	303	326
<b>Total Africa</b>	<b>3,647</b>	<b>3,500</b>	<b>3,549</b>	<b>3,562</b>	<b>3,505</b>
<b>Americas</b>					
Caribbean Islands <sup>(3)</sup>	405	426	279	259	262
<b>Total Americas</b>	<b>405</b>	<b>426</b>	<b>279</b>	<b>259</b>	<b>262</b>
<b>Middle East</b>					
<b>Total Middle East</b>	<b>643</b>	<b>648</b>	<b>645</b>	<b>681</b>	<b>696</b>
<b>Asia</b>					
East Asia	494	430	355	287	230
Pacific	82	81	83	80	60
Indian oceans islands	203	206	152	145	150
<b>Total Asia</b>	<b>779</b>	<b>717</b>	<b>590</b>	<b>512</b>	<b>440</b>
<b>Equity affiliates and non-consolidated subsidiaries</b>					
CEPSA Spain	1,455	1,521	1,518	1,510	1,512
CEPSA Portugal <sup>(1)</sup>	279	290	162	162	165
<b>CEPSA <sup>(4)</sup></b>	<b>1,734</b>	<b>1,811</b>	<b>1,680</b>	<b>1,672</b>	<b>1,677</b>
<b>Total worldwide</b>	<b>16,299</b>	<b>16,425</b>	<b>16,497</b>	<b>16,534</b>	<b>16,976</b>

(1) TOTAL Portugal's outlets sold to CEPSA on May 1st 2008.

(2) In November 2008, TOTAL took over Chevron retail network in Kenya and Uganda (165 outlets).

(3) In 2008, TOTAL took over Exxon Mobil's gasoline outlets in Puerto Rico and Jamaica.

(4) Total number of CEPSA retail gasoline outlets. TOTAL holds 48.83% of CEPSA as of end-2009.



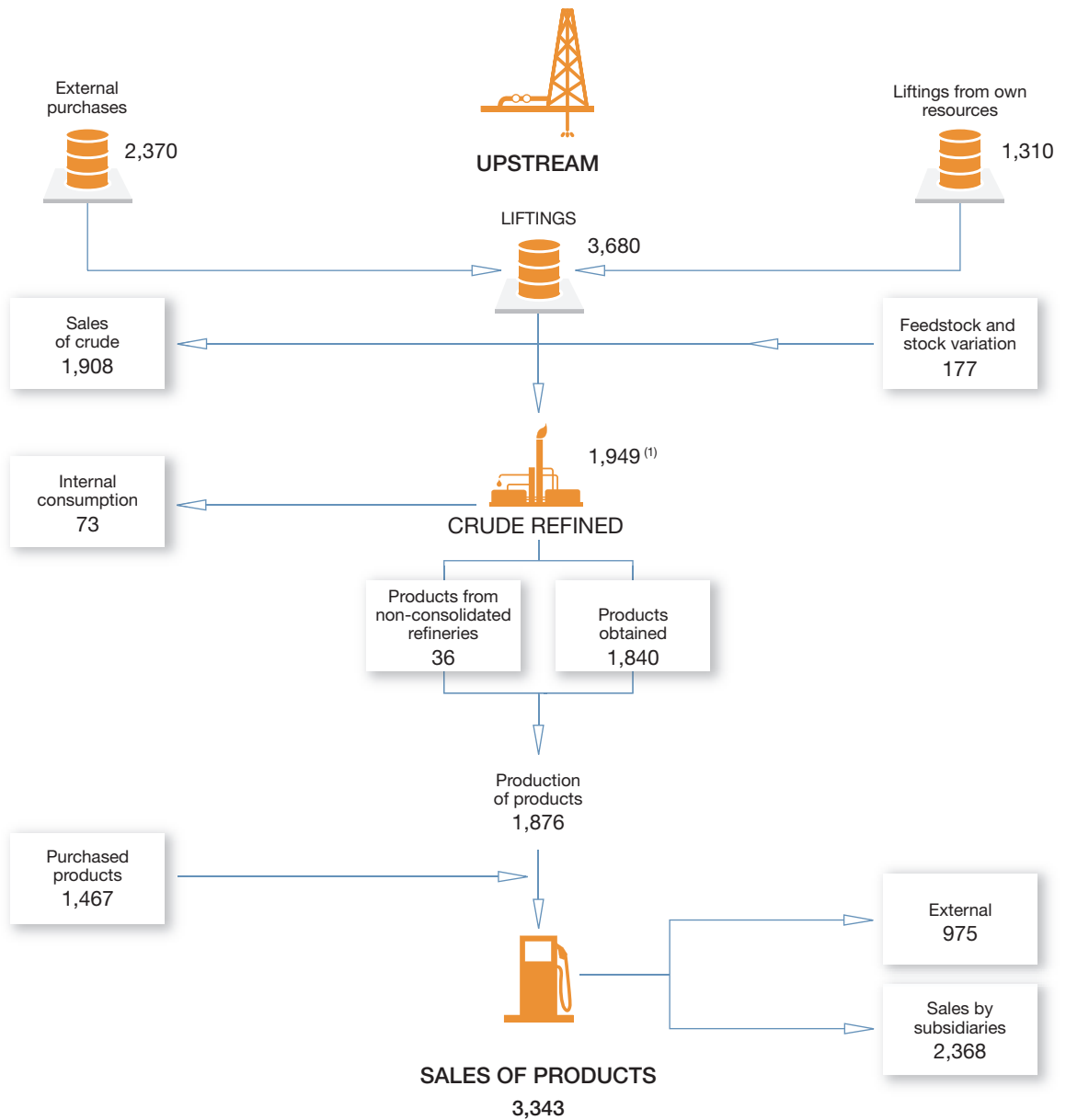
Log on to  
[www.total.com](http://www.total.com)

Download  
all the tables from 1998  
to 2009 in Excel format

# DOWNSTREAM



## 2009 worldwide crude and products supply and sales (kb/d) Excluding share of CEPSA



(1) Including 113 kb/d of atmospheric residue and cracking feedstock.

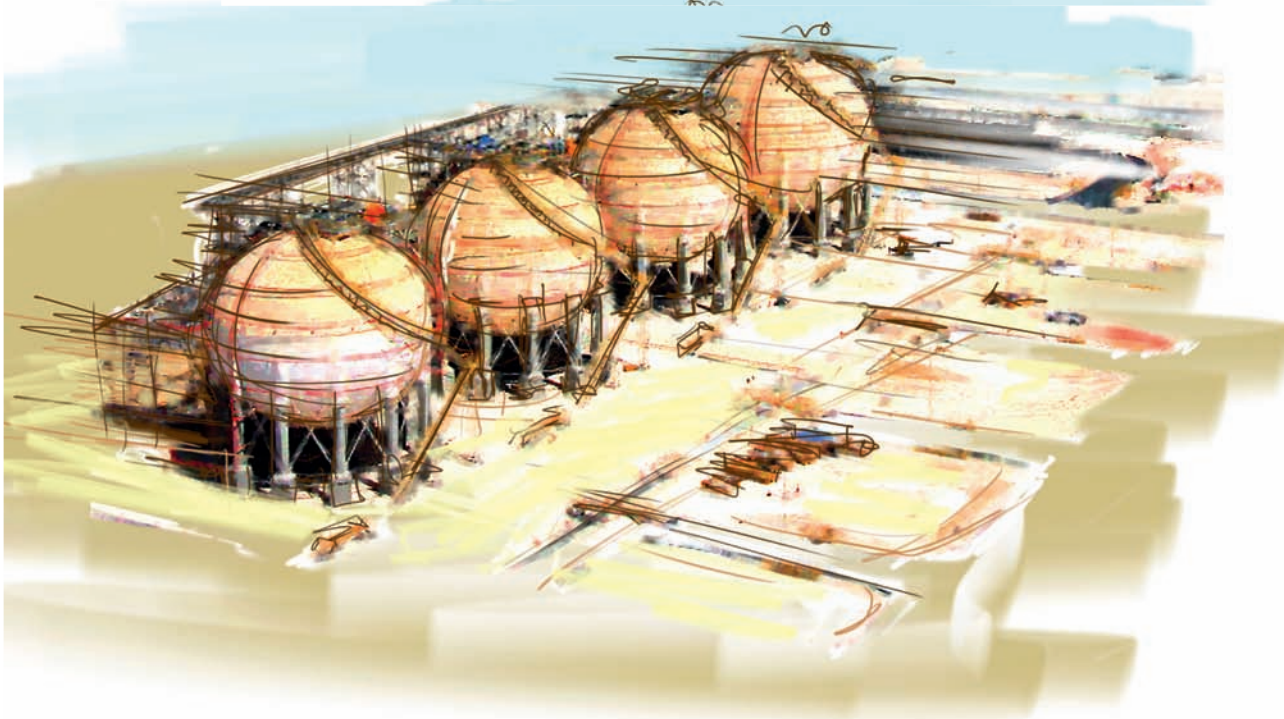
# CHEMICALS

**14.7 B€**  
of sales<sup>(1)</sup>

**631 M€**  
invested in 2009

**323 M€**  
for R&D spending in 2009

**44,667**  
employees



(1) Excluding inter-segment sales.

The Chemicals segment is organized into the Base Chemicals activities (petrochemicals and fertilizers) and the Specialties activities (rubber processing, resins, adhesives and electroplating).

## BUSINESS STRATEGIES

### ▲ Petrochemicals

- **In mature markets in Europe and North America**, improving the competitiveness of its integrated platforms, notably through cost management, better energy efficiency at its facilities and more flexibility in the choice of feedstock.
- **Expanding in growth areas** (Asia, Middle East, Africa) through projects such as the paraxylene plant (2013(e) – Jubail), the petrochemical complex in Arzew (Algeria) and achievements such as the development of the Samsung Total joint venture, LLDPE plant at Qatofin (Qatar) and the Ras Laffan steam cracker.
- **Priority to safety and sustainable development** (energy efficiency, bioplastics, reducing the environmental footprint of our products).

### ▲ Specialties

- **Strengthening the leading position of our brands** (Bostik, one of the top-3 worldwide in adhesives and sealants; Hutchinson, a leader in elastomer processing; Atotech, one of the worldwide leaders in integrated technologies for electroplating...).
- **Expanding in growth areas:** more than 30% of 2010(e) Capex, outside Europe and North America.
- **Continuing to improve our profitability** through strict cost control and the development of new high-tech products with high added-value.
- **Leading role for R&D and innovation.**



### 2009 OPERATING HIGHLIGHTS

- Completion of the restructuring plan, launched in 2006, for Petrochemicals and the launch of a new plan to consolidate primarily the Carling and Normandy French sites.
- Start-up of the LLDPE (Linear Low Density Polyethylene) at Qatofin (Qatar).
- Start-up of the bioplastic demonstration plant (in Belgium, through the Futerro joint venture held equally by Galactic and Total Petrochemicals).
- Launch of the new technology platform of metallocene Polyethylene and Polypropylene products under the name: Total Petrochemicals Lumicene®.
- Completion of the Dongguan compounding plant (China) with an initial capacity of 28,000 tons per year, which targets the automotive and home appliance markets.
- Opening of a new biotechnology laboratory and production facility in Guangzhou (China).
- Selection of Hutchinson as the equipment supplier for several hybrid and electric vehicles by Renault (Fluence and Zoé), Ford (Fusion Hybrid) and Peugeot (5008 hybrid).

### 2010-2012 OUTLOOK

- Start-up of the Ras Laffan ethane-based cracker in Qatar.
- Start-up of new Bostik production units in Egypt and Vietnam (2010), China and India (2011).
- Improvement of flexibility in the choice of feedstock (Gonfreville in France, Samsung Total joint venture in South Korea, Port Arthur in the US).
- Increase energy efficiency of facilities (steam cracker in Gonfreville).
- Development projects Samsung Total (Jet fuel, BTX, EVA/PE/PP).
- Development projects for Total Petrochemical (HDPE in Gonfreville, PS in Carling).
- Third line LDPE at Qapco (Qatar, 2012).





# CHEMICALS

## Financial highlights

Under IFRS rules for discontinued operations, the historical statements (2005) on income have been restated to exclude the contribution of Arkema.

<i>(in million euros)</i>	2009	2008	2007	2006	2005
Sales <sup>(1)</sup>	14,726	20,150	19,805	19,113	16,765
Adjusted operating income <sup>(2)</sup>	249	873	1,155	1,215	1,148
Adjusted net operating income <sup>(2)</sup>	272	668	847	884	967
Investments	631	1,074	911	995	1,115
Divestments	47	53	83	128	59
Cash flows	1,082	920	1,096	972	946
Adjusted cash flows <sup>(2)</sup>	442	1,093	1,093	1,220	1,271

<i>(in million dollars)</i> <sup>(3)</sup>	2009	2008	2007	2006	2005
Sales <sup>(1)</sup>	20,540	29,637	27,141	23,999	20,858
Adjusted operating income <sup>(2)</sup>	347	1,284	1,583	1,526	1,429
Adjusted net operating income <sup>(2)</sup>	379	982	1,161	1,110	1,203
Investments	880	1,580	1,248	1,249	1,388
Divestments	66	78	114	161	73
Cash flows	1,509	1,353	1,502	1,220	1,177
Adjusted cash flows <sup>(2)</sup>	617	1,608	1,492	1,532	1,582

## 2009 R&D key figures

<b>Number of employees</b>	<b>3,221</b>
<b>Main R&amp;D centers</b>	<b>25</b>
Europe	Feluy (Belgium), Montargis (France), Verneuil (France), Ribécourt (France), Berlin (Germany), Feucht (Germany)
North America	La Porte (Texas), Rock Hill (South Carolina), Milwaukee (Wisconsin)
Asia	Yokohama (Japan), Shanghai (China), Guangzhou (China)
<b>R&amp;D spending</b>	<b>323 M€: 74% Specialties, 26% Base Chemicals</b>

(1) Excluding inter-segment sales.

(2) Adjusted income (adjusted operating income, adjusted net operating income and adjusted net income) is defined as income using replacement cost, adjusted for special items and excluding TOTAL's equity share of adjustments and, from 2009, selected items related to Sanofi-Aventis; adjusted cash flow is defined as cash flow from operating activities at replacement cost before changes in working capital; adjustment items are listed on pages 21 to 23.

(3) Dollar amounts represent euro amounts converted at the average €-\$ exchange rate for the period.



Log on to  
[www.total.com](http://www.total.com)

Download  
all the tables from 1998  
to 2009 in Excel format





## Sales by geographic area <sup>(1)</sup>

Under IFRS rules for discontinued operations, the historical statements (2005) on income have been restated to exclude the contribution of Arkema.

(%)	2009	2008	2007	2006	2005
France	22%	27%	25%	22%	20%
Rest of Europe	35%	35%	36%	35%	35%
North America	22%	21%	22%	27%	30%
Rest of world	21%	17%	17%	16%	15%
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

## Sales by sector <sup>(1)</sup>

Under IFRS rules for discontinued operations, the historical statements (2005) on income have been restated to exclude the contribution of Arkema.

(in millions)	2009 <sup>(2)</sup> \$	2009 €	2008 €	2007 €	2006 €	2005 €
Base Chemicals	12,072	8,655	13,177	12,558	12,011	10,199
Specialties	8,468	6,071	6,975	7,247	7,101	6,526

## Adjusted net operating income by sector <sup>(3)</sup>

Under IFRS rules for discontinued operations, the historical statements (2005) on income have been restated to exclude the contribution of Arkema.

(in millions)	2009 <sup>(2)</sup> \$	2009 €	2008 €	2007 €	2006 €	2005 €
Base Chemicals	22	16	323	431	476	447
Specialties	389	279	339	413	396	353
Corporate Chemicals	(32)	(23)	6	3	12	167
<b>Total</b>	<b>379</b>	<b>272</b>	<b>668</b>	<b>847</b>	<b>884</b>	<b>967</b>

## Chemicals employees worldwide

(at year-end 2009)	2009	2008	2007	2006	2005
North America	5,671	6,192	6,876	7,112	9,967
France	14,079	14,776	14,947	15,537	26,779
Rest of Europe	12,943	13,808	13,581	12,462	15,672
Rest of world	11,974	10,769	10,393	9,393	9,796
<b>Total employees</b>	<b>44,667</b>	<b>45,545</b>	<b>45,797</b>	<b>44,504</b>	<b>62,214</b>

(1) Excluding inter-segment sales.

(2) Dollar amounts represent euro amounts converted at the average €-\$ exchange rate for the period.

(3) Adjusted income (adjusted operating income, adjusted net operating income and adjusted net income) is defined as income using replacement cost, adjusted for special items and excluding TOTAL's equity share of adjustments and, from 2009, selected items related to Sanofi-Aventis.



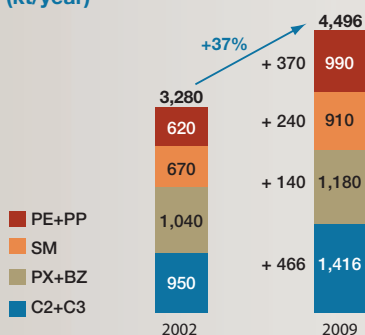
## SAMSUNG TOTAL PETROCHEMICALS: a story of close cooperation since 2003



**The key to success was the strategic fit between the two shareholders**

STC has performed well and achieved a good growth rate since the JV was established, thanks to the excellent operations and project management of the site:

### PRODUCTION OF MAJOR PRODUCTS (kt/year)



### A Joint Venture (JV) between Samsung and Total Petrochemicals

Samsung Total Petrochemicals (STC) is a 50/50 JV between Samsung and Total. Created in April 2003, STC operates a large petrochemicals complex consisting of 13 individual plants located in Daesan, on the west coast of South Korea, which produces and markets a wide range of base chemicals (styrene monomer, paraxylene...) and polyolefins (polyethylene, polypropylene...).

### Company Profile

Petrochemical Complex Location	Daesan, Chungnam Province, South Korea
Petrochemical Complex Size	3.3 million m <sup>2</sup> (810 acres)
Petrochemical Complex Structure	Naphtha Cracking Center with 13 plants
Products	Polyolefins/Resin Compounds/Basic Petrochemicals
Employees	990
2009 JV Sales	2.37 B€
Other Far East business locations	2 affiliates in China and 6 overseas offices (China 4, Japan 2)

### STC complex is well integrated and competitive

- Vertical & horizontal integration from base chemical to polymers and integration between cracker & aromatics;
- Partial integration with HDO refinery;
- Proximity to main markets: 145 km to Seoul (60% of local market) and 400 km to China.

### STC: latest developments for strengthening competitiveness and integration

#### On September 10, 2009, completion of Dongguan Compounding Polypropylene Plant:

- First Samsung Total plant in China, with initial capacity of 28,000 tons per year targeting the auto and home appliances market;
- Substantial business expansion in China. Enhances the strategy<sup>(1)</sup>;
- Construction started in July 2008 with completion and trial runs occurring within 14 months.



#### Confirmed projects under construction or design in Daesan:

- increased LPG cracking & new storage facility (July '10);
- upgrading project for kerosene cut (Aug '10);
- BTX production debottlenecking (June '11);
- EVA/PE/PP debottlenecking.

#### DEFINITION

**PE+PP:** Polyethylene and Polypropylene

**SM:** Styrene Monomer

**PX+BZ:** Paraxylene and Benzene

**C2+C3:** Ethylene and Propylene

**LPG:** Liquefied Petroleum Gas

**BTX:** Benzene, Toluene, Xylene

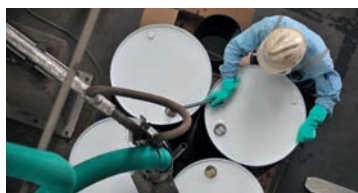
**EVA:** Ethylene Vinyl Acetate

(1) For stronger presence in Chinese domestic market through local production and differentiated service.

(2) Based on nameplate capacity.

# CHEMICALS

Base Chemicals



## Main base chemicals product groups and their major applications

Main product groups Major applications

BASE CHEMICALS	
<b>Petrochemicals</b>	
<b>Base Petrochemicals</b>	
<b>Olefins</b>	
Ethylene	Production of polyethylene, vinyl chloride monomer, styrene, functional polymers and copolymers, ethylene oxide, glycols and vinyl acetate monomer.
Propylene	Production of polypropylene, acrylic acid, oxo-alcohols, propylene oxide, glycols, cumene and acrylonitrile.
Butadiene	Production of rubber, polybutadiene, elastomers, latex, ABS.
<b>Aromatics</b>	
Benzene	Production of styrene, cyclohexane, chlorobenzenes, cumene, aniline, alkylbenzenes and maleic anhydride.
Toluene	Production of chemical intermediates and solvents.
Xylenes	Production of phthalic anhydride, terephthalic acid (PTA), solvents.
<b>Polyethylene</b>	Packaging and packaging films, cables, pipes and tubes, blow molded bottles, fuel tanks, automotive parts.
<b>Polypropylene</b>	Packaging, containers, automotive parts, household and sanitary goods, electrical appliances and fibers.
<b>Styrenics</b>	
Styrene	Production of polystyrene, expanded polystyrene, ABS, emulsions, resins, latex, rubbers.
Polystyrene	Food packaging, refrigeration appliances, insulation boards, television sets.
<b>Fertilizers</b>	Fertilizers and industrial products based on nitrogen.

## Highlights

(in millions)	2009 <sup>(1)</sup> \$	2009 €	2008 €	2007 €	2006 €	2005 €
Sales <sup>(2)</sup>	12,072	8,655	13,176	12,558	12,011	10,199
Adjusted operating income <sup>(3)</sup>	(223)	(160)	341	526	623	578
Adjusted net operating income <sup>(3)</sup>	22	16	323	431	486	447

## Sales by geographic area<sup>(2)</sup>

(%)	2009	2008	2007	2006	2005
France	26%	32%	29%	25%	21%
Rest of Europe	35%	35%	36%	36%	37%
North America	17%	17%	18%	24%	27%
Rest of world	22%	16%	17%	15%	15%
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

(1) Dollar amounts represent euro amounts converted at the average €-\$ exchange rate for the period.

(2) Excluding inter-segment sales.

(3) Adjusted income (adjusted operating income, adjusted net operating income and adjusted net income) is defined as income using replacement cost, adjusted for special items and excluding TOTAL's equity share of adjustments and, from 2009, selected items related to Sanofi-Aventis.



# CHEMICALS

Base Chemicals

## Main products capacity at year-end <sup>(1)</sup>

	2009				2008			
	Europe	North America	Asia and Middle East <sup>(2)</sup>	World <sup>(3)</sup>	Europe	North America	Asia and Middle East <sup>(2)</sup>	World <sup>(3)</sup>
<i>(in thousands of tons)</i>								
Olefins <sup>(4)</sup>	4,695	1,195	1,005	6,895	5,085	1,195	1,005	7,285
Aromatics	2,500	940	755	4,195	2,665	940	755	4,360
Polyethylene	1,320	440	280	2,040	1,315	440	280	2,035
Polypropylene	1,335	1,150	295	2,780	1,275	1,180	295	2,750
Styrenics <sup>(5)</sup>	1,110	1,350	630	3,090	1,240	1,350	630	3,220

	2007				2006			
	Europe	North America	Asia and Middle East <sup>(2)</sup>	World <sup>(3)</sup>	Europe	North America	Asia and Middle East <sup>(2)</sup>	World <sup>(3)</sup>
<i>(in thousands of tons)</i>								
Olefins <sup>(4)</sup>	5,185	1,195	795	7,175	5,185	1,195	655	7,035
Aromatics	2,650	930	755	4,335	2,600	930	725	4,255
Polyethylene	1,315	440	280	2,035	1,315	440	280	2,035
Polypropylene	1,210	1,070	295	2,575	1,205	1,070	145	2,420
Styrenics <sup>(5)</sup>	1,240	1,350	570	3,160	1,240	1,350	515	3,105

	2005			
	Europe	North America	Asia and Middle East <sup>(2)</sup>	World <sup>(3)</sup>
<i>(in thousands of tons)</i>				
Olefins <sup>(4)</sup>	5,185	1,155	665	7,005
Aromatics	2,550	930	645	4,125
Polyethylene	1,315	440	280	2,035
Polypropylene	1,205	1,070	145	2,420
Styrenics <sup>(5)</sup>	1,310	1,350	515	3,175

(1) Excluding inter-segment sales.

(2) Including minority interests in Qatar (Qapco and Qatofin) and 50% of Samsung-Total Petrochemicals capacities in Daesan (Korea).

(3) Including minority interests.

(4) Including butadiene.

(5) Styrene + polystyrene + elastomers.



Log on to  
[www.total.com](http://www.total.com)

Download  
all the tables from 1998  
to 2009 in Excel format

# CHEMICALS

## Specialties



## Main specialty chemicals product groups and their major applications

Main product groups	Major applications
<b>SPECIALTIES</b>	
<b>Rubber processing</b>	Rubber parts for the automotive, transportation and aerospace industries: transmission systems, antivibration systems, fluid transfer parts, body sealings, precision sealings (Hutchinson).
<b>Consumer Goods</b>	Home care: sponges, gloves, cleaning products. Baby care: bottles, teats, soothers (Mapa Spontex) <sup>(1)</sup> .
<b>Resins</b>	Composite resins and gel coats for construction, marine and transportation markets. Liquid and powder resins for coatings. Photocurable resins for graphic art, wood coatings and adhesives. Hydrocarbon specialty chemicals for adhesives and rubber (Cray Valley, Sartomer and Cook Composites).
<b>Adhesives</b>	Adhesives and sealants for construction, packaging, transportation, hygiene and assembly markets (Bostik).
<b>Electroplating</b>	General metal finishing, electronics materials and semiconductors, green technologies chemistry and systems (Atotech).

## Highlights

(in millions)	2009 <sup>(2)</sup> \$	2009 €	2008 €	2007 €	2006 €	2005 €
Sales <sup>(3)</sup>	8,468	6,071	6,974	7,247	7,101	6,526
Adjusted operating income <sup>(4)</sup>	621	445	524	642	606	548
Adjusted net operating income <sup>(4)</sup>	389	279	339	413	381	353

## Sales by geographic area<sup>(3)</sup>

(%)	2009	2008	2007	2006	2005
France	17%	17%	17%	17%	20%
Rest of Europe	34%	36%	36%	34%	32%
North America	28%	28%	29%	33%	34%
Rest of world	21%	19%	18%	16%	14%
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

## Sales by activity<sup>(3)</sup>

(%)	2009	2008	2007	2006	2005
Rubber processing	46%	43%	42%	41%	43%
Resins	24%	27%	28%	30%	30%
Adhesives	20%	19%	19%	19%	18%
Electroplating	10%	11%	11%	10%	9%
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

(1) In April 2010, TOTAL finalized the sale process of its consumer goods. This sale is effective as of January 1, 2010.

(2) Dollar amounts represent euro amounts converted at the average €-\$ exchange rate for the period.

(3) Excluding inter-segment sales.

(4) Adjusted income (adjusted operating income, adjusted net operating income and adjusted net income) is defined as income using replacement cost, adjusted for special items and excluding TOTAL's equity share of adjustments and, from 2009, selected items related to Sanofi-Aventis.





## SPECIALTIES: A GLOBAL POSITIONING OF AN INNOVATIVE SECTOR



- No. 2 worldwide in electroplating
- Main markets: electronics and general metal finishing
- More than 50% of sales in Asia
- 2009 sales: 0.8 B\$
- 3,180 employees



- One of the top 3 in adhesives and sealants
- Main markets: industrial, construction and consumer
- Leading brands with a worldwide presence
- 2009 sales: 1.7 B\$
- 4,614 employees



**CRAY VALLEY**



- One of the leaders in resins
- Main markets: adhesives, paints, transportation, marine
- 50% of sales in North America
- 2009 sales: 2.0 B\$
- 3,459 employees



- Leader in elastomer processing
- Main markets: automotive, aeronautics and defense
- Unique expertise in materials technology
- 2009 sales: 3.2 B\$<sup>(1)</sup>
- 23,324 employees



(1) Excluding Mapa Spontex.



# CONTACTS INVESTOR RELATIONS

## • Paris

2 place Jean Millier - La Défense 6  
92078 Paris La Défense Cedex - France

Phone: +33 (0)1 47 44 58 53

Fax: +33 (0)1 47 44 58 24

investor-relations@total.com

## • North America

TOTAL American Services, Inc.  
1201 Louisiana Street, Suite 1800  
Houston, TX 77002 - United States

Phone: +1 713 483 5070

Fax: +1 713 483 5629

ir.tx@total.com

## TOTAL S.A.

Phone: +33 (0)1 47 44 45 46

Share capital as of December 31, 2009:  
5,871,057,210 euros

542 051 180 RCS Nanterre

[www.total.com](http://www.total.com)

You can also download from [www.total.com](http://www.total.com),  
Heading Investor Relations/Publications,  
the following documents:



Printed on Tempo paper manufactured in an ISO 14001 and  
ISO 9001-certified plant from pulp from sustainably managed forests.



Avec Ecofolio, Total encourage le recyclage  
des papiers. En triant vos déchets,  
vous participez à la préservation de  
l'environnement. [www.ecofolio.fr](http://www.ecofolio.fr)

N° PEFC/10-31-1222

All rights reserved: Total.

© Total S.A. - May 2010

Design and production: BRIEF

Photo credits: A. Kjetil/Coconophilips, BT/Total, C. Pirotte, C. Zaber, DR/Total, E. Follet, F. Lacour, G. Gauret, G. Leimdorfer/Rapho, G. Perrin, G. Primagotama, J. Borowski, J. Schulzki, J.C. Vaury, J.P. Donnot, L. Pascal, L. Zylberman, M. Dufour, M. Labelle, M. Patricia, M. Richards, M. Rousset, O. Robinet, P. Adenis, P. Boulen, P. Durand, P. Livermore, P. Schaff, S. Rivoallon, S. Strike, Samsung/DR, T. Gonzalez, TVP Film and Multimedia, V. Dargent, W. Van Nueten. Illustrations: IDE.



**TOTAL S.A.**

Registered Office:  
2 place Jean Millier - La Défense 6  
92400 Courbevoie - France  
Tel.: +33 (0)1 47 44 45 46  
Share capital: 5,871,057,210 euros  
542 051 180 RCS Nanterre

[www.total.com](http://www.total.com)