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Eni is involved in the entire LNG value chain, directly and through its affiliates around the world and can count on its excellent technical, commercial and project management capabilities to develop and manage integrated LNG projects



## Eni in LNG

In 2015 Eni supplied 4.2 BSCM of feedgas to LNG plants, held 10.9 BSCM of liquefaction capacity, 15.6 BSCM of regas capacity and sold 13.5 BSCM equivalent of LNG.

Eni intends to significantly strengthen its position along the whole LNG chain. This growth will be largely driven by Mozambique and expansions and new projects in Nigeria and Indonesia, where Eni is a significant player.





\*Regas capacity in US being converted into liquefaction capacity



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Eni operates in the oil and natural gas upstream sector in 42 countries across the world. In 2015 average daily hydrocarbon production amounted to 1.76 million boe/d. Proved hydrocarbon reserves totaled 6.89 billion boe (at December 31, 2015).

### Africa

Eni has a historical presence in Africa, particularly in Egypt, Libya, Nigeria, Algeria, Angola and Congo, where it is considered to be one of the largest players. Eni's success in hydrocarbon exploration in this region allowed African production to contribute up to nearly 60% of company's total hydrocarbon production. In order to exploit and monetize part of its African gas reserves, Eni is participating in Nigeria LNG, Angola LNG and Segas LNG, as well as actively promoting the development of new LNG export projects in Mozambique.

### Nigeria

In Nigeria Eni is one of the leading oil&gas companies. Eni has been in Nigeria since 1962 when it began exploration in the delta of the Niger River and, in 1973, Eni began exploration activities with an agreement that included, for the first time in Nigeria, a clause for the direct involvement of the Nigerian Government.

In the oil and gas upstream, Eni operates through its Nigerian subsidiaries:

- Nigerian Agip Oil Company Ltd. (NAOC);
- Nigerian Agip Exploration Ltd. (NAE);
- Agip Energy & Natural Resources (Nigeria) Ltd. (AENR).

Eni operates the NAOC JV, which is mainly focused on onshore production, with a 20% equity (the partners are Nigerian National Petroleum Corporation 60%, Oando Energy Resources 20%) and has a 5% interest in the SPDC JV operated by Shell. The NAOC JV production accounts for about 10% of Nigeria's annual oil production. NAE operates the Abo field in Nigerian offshore.

Eni is also a major player in developing the oil, gas and power generation infrastructures in the country contributing to the valorization of Nigeria's energy resources and giving its contribution to the Government 'Zero Gas Flaring Program'. In 2015 Eni's total equity production in Nigeria was 50 million boe, equivalent to 137 kboe/d.

#### Nigeria LNG

The LNG plant is located in Bonny Island, Rivers State in the East Niger Delta and it currently has six trains in operation.

Construction of the plant site (Base Project - Trains 1&2) started in early 1996 and by August 1999, the first train started production with first commercial delivery early October 1999.

The following five trains came onstream in subsequent phases between 2000 and 2008.

Today, the entire complex has a producing capacity of about 22 MTPA LNG and 4 MTPA of LPG and condensates.

Feedgas to the LNG plant is supplied from various concession areas in the Niger Delta under GSA's by TEPNL JV (Total operator), NAOC JV (Eni operator) and SPDC JV (Shell operator) via dedicated gas transmission pipelines.

LNG volumes are sold in international markets under long-term contracts. Excess production volumes are sold on a spot basis. For the ex-ship deliveries of the LNG to the buyers, NLNG utilizes 23 large LNG carriers on an integrated basis. The older vessels are being progressively replaced with new generation ones. Condensate volumes are sold FOB.

Over 3,600 LNG cargoes have been loaded since inception.

Eni supplies natural gas to Nigeria LNG plant: with the 6-train plant in full operation, Eni is entitled to supply 7.6 MScm/d of its equity natural gas (49 kboe/d).

NLNG Ltd has long term LNG SpAs with the NLNG shareholders and several European buyers. Eni offtakes and directly markets 1.15 MTPA from Trains 4&5. Eni has also signed an agreement to purchase 1.38 MTPA of LNG from the planned expansion Train 7.



Nigeria Liquefied Natural Gas Ltd is jointly owned by NNPC, Shell, Total and Eni. It was incorporated as a limited liability company on May 17, 1989 to utilize Nigeria's vast natural gas resources and produce LNG for export. The company has a wholly owned subsidiary, Bonny Gas Transport Limited (BGT), which provides shipping capacity to NLNC, BGT was established on December 10, 1989. A ship manning subsidiary

NLNG Ship Manning Limited (NSML) was incorporated on October 9, 2008. NSML provides shipboard personnel and crewing services to LNG vessels chartered by NLNG.

Plant Capacity	3x3.3 MTPA NLNG Exp. 2x4.10 MTPA NLNG Plus. 1x4.10 MTPA NLNG Six.
Process	APCI
4 LNG Tanks	for total 336,800 m <sup>3</sup>
4 LPG Tanks	for total 260,000 $m^3$
3 Condensate Tanks	for total 120,000 m <sup>3</sup>



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#### Angola

Eni has been operating in Angola since 1980 in the upstream sector through 4 subsidiaries:

- Eni Angola Production BV;
- Eni Angola Exploration BV;
- Eni Angola SpA;
- Eni West Africa SpA.

The company has participating interests in 11 upstream areas, most of them in conventional and deep offshore.

In 2015 Eni's equity production in Angola reached the level of about 37 million boe, equivalent to around 101 kboe/d.



#### Angola LNG

In December 2007, Eni acquired a 13.6% stake in Angola LNG Ltd consortium responsible for the construction of an LNG plant in Soyo, 350 km North of Luanda. The plant is designed with a processing capacity of 1.1 Bcf/d of natural gas (of which 125 Mcf/d is committed to domestic consumption), to produce 5.2 MTPA of LNG and approximately 50,000 barrels per day of LPG and condensate products. The project envisages development of some 9 Tcf of gas resources in 30 years.

Start-up was achieved in Q1 2013, with first cargo delivered in June 2013. Due to operational problems, however, production has been on hold since April 2014. Repair and de-bottlenecking works are ongoing with plant restart scheduled for 2016. In the initial phase following restart, the LNG plant will process associated gas produced by various upstream suppliers. Non-associated gas is planned to be delivered to the plant at a later stage.

The shareholders of Angola LNG have established two companies with the same shareholding to provide marketing and shipping support:

- ALNG Supply Service (ALSS) that maintains project's shipping capacity via holding long-term charter agreements for 7 LNG carriers, and
- Angola LNG Marketing Ltd (ALM) that conducts marketing of LNG and liquid products. In addition to this, ALM also manages day-to-day shipping operations on behalf of ALSS. The LPG and condensates will be exported, with the exception of butane that will be sold to Sonangol for domestic consumption.

#### Angola LNG Ltd



Angola LNG Ltd was incorporated in 2005 and took FID in December 2007. Its shareholders are Sonangol (Sonagas), Chevron, BP, Total and Eni.

Angola LNG has been set up to construct and operate an LNG plant on the Northern coast of Angola, in Soyo, Zaire province. The Angola LNG Project is an integrated gas project consisting of an onshore 5.2 MTPA LNG processing plant with associated marine terminal, loading facilities and offshore gas supply pipeline network.

	13.60%
Plant Capacity	5.2 MTPA
Process	Optimized Cascade®
LNG Storage	2x160,000 m³
LPG and Condensates Storage Facilities	Propane Tank 88,000 m <sup>3</sup> Butane Tank 59,000 m <sup>3</sup> Condensate Tank 108,000 m <sup>3</sup>
First Cargo	June 2013







#### Mozambique

Eni entered Mozambique in December 2006, with the signature of the Exploration and Production Concession Contract (EPCC) for the Area 4 block in the Northern deep offshore area in the Rovuma Basin. The first discovery in the Area 4 block was made in October 2011 with the Mamba South-1 well. As of today, fourteen exploration and appraisal wells have been drilled. The wells have confirmed the huge gas discoveries of Area 4 at around 85 Tcf of gas in place, of which around 35 Tcf exclusively located in Area 4, the remaining straddling between Area 4 and the adjacent Area 1 block.

The exploration success in Mozambique expands the leadership of Eni in Africa and opens a new Eastern front to its activities. Eni East Africa (71.43% Eni, 28.57% CNPC) is the operator of the Offshore Area 4 block with a 70% participating interest. Co-venturers in the Area 4 are Empresa Nacional de Hidrocarbonetos de Mozambique E.P. (ENH) (10%), Galp Energia Rovuma (10%) and Kogas Mozambique (10%).

#### Mozambique - Area 4 LNG development

The discovery of around 85 Tcf of gas in place in Area 4 (in both straddling and non-straddling reservoirs) requires a phased and multiple-technology approach stretching over a long-term period of development, which will allow the maximisation of the resource base recovery through a combination of LNG, CNG and GTL projects. For the non-straddling resources of Coral and Agulha, Eni is pursuing an innovative development approach with floating LNG facilities, the first of which, with a liquefaction capacity of around 3.37 MTPA, will be moored in the Southern part of the Coral field. The first phase of the Coral project is well advanced and is on track to achieve the FID in 2016 and start-up in 2021, with the first cargo in 2022 during the commissioning phase.

Given the significant amount of discovered resources in the straddling reservoirs of Mamba, a phased development scheme is also here envisaged in order to allow monetisation of resources over a long period. For the purpose of phased development of the straddling resources, the Area 4 and Area 1 joint ventures and the

Government have agreed upon an initial separate but coordinated development of 12 Tcf from each Area, while the subsequent phases are to be carried out jointly pursuant to the Unitization Agreement entered into by the two Areas in November 2015. For the First Phase of development, Area 4 is envisaging to design, build, own and operate 2 onshore trains in the Afungi peninsula (of around 5 MTPA each). Area 4 expects to take FID on the initial onshore phase in late 2017, with start-up expected in 2022.

The full field onshore development of the straddling reservoirs would allow for an LNG development of at least 50 MTPA shared between Area 4 and Area 1.

#### Egypt

In Egypt Eni is the leading international oil&gas operator. Eni started operating in Egypt in 1955 when it made the first oil discovery, the Belayim onshore field in the Sinai region, in the Gulf of Suez. Eni operates in the country through its subsidiaries:

- leoc Exploration BV;
- leoc Production BV;
- leoc SpA;

as well as its operating companies Petrobel and Agiba with 57 licenses (49 of which are operated) and 41 producing fields. The Development Leases and Exploration Concessions are located in three main areas: Sinai-Gulf of Suez, Western Desert and Nile Delta/ Mediterranean Offshore.

In August 2015 the discovery of Zohr was announced following the successful drilling of Zohr-1 well located in Shorouk Concession, where leoc Production BV is the 100% Contractor with EGAS. The Zohr discovery is considered the largest discovery ever made in the Mediterranean Sea. The giant gas field is preliminary estimated to hold 850 billion cubic meters of natural gas.

In 2015 Eni's total equity production in Egypt was 69 million boe, equivalent to 189 kboe/d, accounting for more than 12% of Egypt's total annual hydrocarbon production.





#### Segas LNG

The LNG plant is located in the North-West of Damietta Port on the Mediterranean Sea. The LNG facility was brought on-stream in December 2004. The first cargo departed from Damietta on January 20, 2005 to reach the regasification facility at Huelva, Spain.

Eni, through Union Fenosa Gas (50% Eni, 50% Gas Natural), holds 40% of Segas LNG.

The LNG plant operates according to a "tolling" scheme that processes the feedgas coming from the national grid. The tollers are UFG (58.2%) and EGAS (41.8%).

The plant is currently idle due to a lack of feedgas.

Eni, through its fully owned affiliate leoc, is a major gas supplier to the Egyptian national grid. In 2009 a Gas Sales Agreement was signed with EGAS and EGPC in order to supply Damietta with 310 MScf/d from Temsah and Ras El Barr Concessions.

Eni is also a participating stakeholder in the Natural Gas Liquids (NGL) facility in Port Said, which is owned and operated by United Gas Derivatives Company (Eni has 33.33% interest), and owns 40% of Gastec, active in the business of Compressed Natural Gas (CNG) for vehicles, contributing to the development of the petrochemical and gas industry in the country.

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### Americas

In the Americas Eni has a presence in the US (Gulf of Mexico and Alaska), Canada, Argentina, Venezuela, Trinidad & Tobago, and Ecuador.

In 2015 Eni's total equity production in Americas was 54 million boe, equivalent to 147 kboe/d.

#### Atlantic LNG (Trinidad & Tobago)

Eni participates in Trinidad & Tobago through its equity in the North Coast Marine Area (NCMA) fields, which supply gas to Atlantic LNG (ALNG). Eni has a 17.3% interest in the NCMA Area operated by BG and including the fields Hibiscus, Ixora, Poinsetia and Chaconia.

The gas feeds the Trains 2, 3 and 4 of the liquefaction plant and is delivered in Point Fortin through a 24 inch diameter, 107 km export pipeline. In 2015 Eni supplied 726.61 MScm of its equity gas. Train 2 came on stream in August 2002, Train 3 in April 2003 and Train 4 in 2006. Total liquefaction capacity (including Train 1) is 14.8 MTPA.

Eni's utilization of the ALNG Plant is 5% of the total capacity on trains 2 and 3. The volumes are marketed jointly with the other NCMA partners' entitlement through Point Fortin LNG Exports Ltd. The US market is the contractual destination, with diversions allowed to both the Atlantic and the Pacific basins.







## Asia Pacific

Eni started diversifying its upstream portfolio in 2000 within Asia and around the Pacific basin, the region with both the highest LNG demand and the largest potential emerging gas markets, such as China, India and Pakistan.

#### Indonesia

Eni has a significant exploration presence in Indonesia, with working interest in 13 PSCs, 11 as operator (including 2 operated by Vico).

The core business is located within the East Kalimantan region, mainly offshore, where Eni has interests in 10 PSCs.

The main projects are all located in East Kalimantan (Kutei Basin):

- Jangkrik fields Complex Project (Jangkrik and Jangkrik North-East in Muara Bakau PSC, Eni operated with 55% interest), a deep water gas development project with first gas expected by mid-2017. At planned production rate of about 450 mmscfd, gas will be supplied to the existing network and processed as LNG at Bontang plant. In 2015 Eni has signed long-term LNG sales agreements with Pertamina for a total volume of 1.4 MTPA;
- Sanga Sanga PSC (Eni combined share 37.8%), is a mature asset which played a fundamental role in development of the Indonesian petroleum industry. It has been producing oil and gas for about 40 years, including supplying gas to Bontang LNG plant. Up to 2015 Sanga Sanga PSC produced about 12.7 Tcf of gas and 220 mbbl of oil from about 1,200 wells;
- Merakes discovery in East Sepinggan (Eni operator with 85%) with up to 2 Tcf of gas in place, which can be developed in synergy with the nearby Jangkrik project, which in future can become a hub of gas production in the East Kalimantan;
- Indonesia Deepwater Development Project (IDD), covering 5 fields (Rapak and Ganal PSCs, Eni's interest 20%) with a potential capacity of up to 1.2 Bcf of natural gas and 51 kbbl/d of condensate from Gendalo-Gehem and Bangka fields. The phase 1 of the project

is the development of Bangka field (100 Mcf/d) with planned first gas in 2016, while the other phases of development are currently in the pre-FID phase.

In 2015 Eni's total equity production in Indonesia was 6.3 million boe, equivalent to 17 kboe/d.

#### Bontang LNG

Eni is involved in Bontang LNG through its participation in Sanga Sanga PSC and Vico.

The construction of Bontang started in mid-1974 and around 36 months later, on July 5, 1977, the first LNG was produced. Several expansion projects later, the plant now contains 8 liquefaction trains with a combined liquefaction capacity of 22.3 MTPA (Trains A-H) and facilities to produce about 1.2 MTPA of LPG. There are four pipelines transporting feedgas from East Kalimantan gas fields to the plant. The plant is equipped with three LNG/LPG loading piers, which can be operated simultaneously. The plant currently supplies LNG to major customers in Japan, Korea and Taiwan, and to domestic market.

While the historical supplies, mainly mature Mahakam and Sanga Sanga gas fields, have declining production, the new development projects Jangkrik, IDD and Merakes will support the extension of the plant operating life.

In 2015 Eni supplied 625 MScm of feedgas to the liquefaction plant.

#### Bontang LNG

The Bontang LNG Project resulted from the discovery of the giant Badak field by Hufco and Pertamina in East Kalimantan in February 1972, PT Badak NGL was established on November 26, 1974 as a not for profit company to operate and maintain the Bontang LNG plant. Today, PT Badak NGL still successfully operates Bontang with a management committee comprising the following shareholders: Pertamina 55% Vico 20% (50% owned by Eni), Jilco 15% and Total 10%. The Bontang LNG plant is a vital asset within the Indonesian LNG business chain with nearly 40 years of experience in safely producing and shipping LNG to the Asian market.

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ant apacity	22.3 MTPA
ocess	APCI
NG Storage apacity	630,000 m³ (6 Tanks)
PG Storage apacity	200,000 m³ (5 Tanks)





Commonwealth maritime boundary

Protected zone boundaru

#### Australia/Timor Leste

In Australia, Eni has been present in exploration and production since 2000. Eni has equitu in over 24256 sq km of petroleum acreage in Australia and Timor Leste, with the majority being Eni operated. Currently two fields are in production - Blacktip gas field, Bayu Undan gas/condensate field and two operated offshore oil fields, Woollybutt and Kitan, have successfully completed their production phase. Several gas discoveries, the largest being Evans Shoal gas field of approximately 8 Tcf (Eni 32.5%), are waiting on a suitable gas market. The operated offshore Blacktip gas field (Eni 100%) feeds gas to the onshore Yelcherr gas plant (Eni 100% owned) that supplies over 80% of the domestic gas utilized in the Northern Territory of Australia. The offshore Bayu Undan gas/condensate field (Eni 10.99%) feeds gas to Darwin LNG plant in the Northern Territory, which supplies LNG under long-term sales agreements to TEPCO and Tokyo Gas in Japan. Eni's total equity production in 2015 in Australia and Timor Leste was approximately 9.3 million boe equivalent to 25.5 kboe/d.

#### Darwin LNG

The Darwin LNG plant is located at Wickham Point near Darwin, Northern Territory, Australia. Condensate and LPGs are extracted from the gas stream offshore and exported from an FSO in the Joint Petroleum Development Area (JPDA) in the Timor Sea while the dry gas supplies the Darwin LNG plant via a 500 km, 26' subsea pipeline. ConocoPhillips operates the upstream facilities, the pipeline and manages the LNG plant. The Bayu-Undan field, comprising two license areas JPDA 03-12 and JPDA 03-13, is located in the central Timor Sea approximately 500 km North-West of Darwin, Australia and about 250 km South of Suai in Timor Leste.

Eni holds a 10.99% interest in the Bayu-Undan integrated project, which includes:

- the unitized Bayu-Undan field with its related surface facilities;
- the Bayu-Darwin gas pipeline;
- the Darwin LNG Pty Ltd that owns the LNG plant.
- In 2015 Eni supplied 516 MScm of its equity gas to the Darwin LNG plant.

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Gas pipeline

Proposed gas pipeline

### **Middle East**

In the Middle East Eni has a strong upstream presence in Iraq, while not feeding any LNG plant with its equity gas.

In 2010 Eni entered Iraq to redevelop Zubair oil field as an operator, while through Union Fenosa Gas (50% Eni, 50% Gas Natural), Eni has an indirect participating interest in Qalhat LNG (Oman).

#### Qalhat LNG (Oman)

The Qalhat LNG liquefaction plant is located at Qalhat in Sur, adjacent to the Oman LNG plant. The train, a debottlenecked version of trains 1 and 2 of Oman LNG, produced and shipped its first cargo in December 2005. The two storage tanks, the jetty and the berth for loading LNG are shared with Oman LNG which is also the operator of the plant. The Government of Oman sells the feedgas to Qalhat LNG at the plant gate.

#### **Qalhat LNG SAOC** Union Fenosa Gas 7.36% ltochu Oman Gov. 3.00% 46.84% Mitsubishi 3.00% Oman LNG Osaka Gas 36.80% 3.00% Qalhat LNG SAOC was Plant 3.7 MTPA Capacity The shareholders are: the Government of Oman, Oman APCI Process LNG. Union Fenosa Gas (50%) owned by Eni), Osaka Gas, LNG Storage 2x120,000 m<sup>3(\*)</sup> Mitsubishi, and Itochu. Tanks (\*) share with Oman LNG







# Shipping

Lng Shipping is a company fully owned by Eni, established in 2001 to operate in the sector of LNG marine transportation.

It exercises, in Italy and overseas, shipping activities with vessels of different size and tonnage, whether owned or chartered on a spot/medium/long term.

The company currently owns 2 LNG vessels, each with a capacity of  $65,000 \text{ m}^3$  (LNG Portovenere and LNG Lerici).

In addition, Lng Shipping has 2 LNG vessels under short/medium term time charter agreements, used to support LNG trading activities.

Lng Shipping also plays an important role in supporting Eni in LNG shipping and business activities as well as in the development of LNG projects.



## Regasification

Eni has acquired regasification capacity in valuable market entry points to secure long term market access in a highly competitive environment. Eni has enhanced business directly in Belgium through Zeebrugge and indirectly in the European area through an equity stake in Union Fenosa Gas (Eni 50%) to gain access to the Iberian Peninsula LNG market.

In Zeebrugge, Eni benefits from regasification capacity to increase its position in North-West European gas market area and from storage and reloading capabilities to support LNG trading activities and to sell LNG loaded onto trucks or small vessels.

Union Fenosa Gas has a major stake and capacity rights in the Sagunto terminal in Spain.

In the US area Eni has a capacity entitlement in the Cameron terminal located at Cameron Parish (Louisiana) until the end of 2017. The terminal provides possibility to store and reload LNG for trading arbitrage.

Moreover, in the framework of Angola LNG Project, Eni reserved long term capacity rights at the Pascagoula regas terminal (Mississippi) which commenced operations in October 2011.

In 2015 Eni's total regasification capacity amounted to 15.6 BSCM.



## North Europe

From 2008 Eni has access to Belgium strengthening its position in a key area of the North-West Europe.

exploration, production & liquefaction | shipping | regasification | marketing and trade

### Belgium - Zeebrugge

The Zeebrugge terminal, which began operations in 1987, serves as a gateway to supply LNG into North-Western Europe. It is a versatile infrastructure as standard-sized LNG ships, Q-Flex and smaller ships, can be both unloaded and re-loaded at the LNG terminal.

## **Iberian Peninsula**

Through its 50% equity stake in Union Fenosa Gas, Eni has access to the Iberian Peninsula gas market. Union Fenosa Gas has a major stake in the Sagunto regasification terminal.

#### Belgium - Zeebrugge

Location	Port of Zeebrugge (Belgium)
Start-up	1987
Owners	89.97% Fluxys, 10.03% Public
Operator	Fluxys LNG
Eni Capacity Rights	2.0 MTPA
Send-out Capacity	7 MTPA
LNG Storage Tanks	3x80,000 m³ + 1x140,000 m³
Max Ship Size	217,000 m³



#### Spain - Sagunto

Location	Extension of Sagunto Port North of Valencia (Spain)
Owners	50% Infraestructuras de Gas (85% UFC, 15% Oman Oil Holdings Spain), 50% Iniciativas de Gas (60% Deutsche Assets & Wealth Management, 40% Osaka Gas UK)
Operator	SAGGAS
Eni Capacity Rights	0.4 MTPA (through UFG)
Send-out Capacity	6.3 MTPA
LNG Storage Tanks	4x150,000 m³
Max Ship Size	267,000 m³







USA - Cameron		
Location	Louisiana (USA)	
Start-up	2009	
Owner	Sempra	
Operator	Sempra	
Eni Capacity Rights	4 MTPA	
Send-out Capacity	11.0 MTPA	
LNG Storage Tanks	3x160,000 m³	
Max Ship Size	217,000 m³	

#### USA - Pascagoula

Location	Mississippi (USA)
Start-up	September 2011
Gulf LNG Partner	50% Kinder Morgan, 40% General Electric, 10% Lightfoot Capital
Eni Capacity Rights	5 MTPA
Send-out Capacity	9.8 MTPA
LNG Storage Tanks	2x160,000 m³
Max Ship Size	250,000 m³
A-LNG Supply Services Capacity Right	5.6 MTPA

#### USA - Cameron

The Cameron LNG terminal is situated 18 miles from the Gulf of Mexico along the Calcasieu Channel in Hackberry, Lousiana. Has 2 berths capable of accepting tankers up to 250,000 m<sup>3</sup> and 3 x 160,000 m<sup>3</sup> LNG storage tanks. The 36-inch Cameron Interstate pipeline from the terminal tailgate offers access to a number of liquid markets with interconnections to the FGT, Tennessee, TETCO and Transcontinental Interstate pipelines and nearby gas storage facilities. The terminal commenced commercial operations in July 2009, and Eni retains rights to 1/3 of the terminal capacity until the end of 2017. Eni is supporting the process of conversion of the terminal into a liquefaction facility.

The liquefaction project obtained FID in August 2014 and it is currently under construction.

#### USA - Pascagoula

In December 2007 Eni acquired a 13.6% equity stake in Angola LNG Project and consequently, through Angola LNG Supply Services, assured capacity rights at the Pascagoula receiving terminal for 0.8 MTPA. Moreover, Eni reserved additional regas capacity rights for 4.2 MTPA on a long-term basis.

The terminal commenced commercial operations in October 2011 and is operated by Kinder Morgan (50% equity owner in the project company Gulf LNG Energy). The terminal has a berth able to receive LNG ships up to 250,000 m<sup>3</sup> and is capable of vaporizing and sending out 1,300 mmcfd (9,8 MTPA). Additionally, there are 2 x 160.000 m<sup>3</sup> LNG storage tanks and a 5-mile (36-inch) header pipeline linking the terminal to the Destin and Gulfstream pipelines, a gas processing plant, and also via a lateral the Transco & FGT Interstate pipelines. The Operator is currently pursuing a project for the conversion of the terminal into a liquefaction facility. FERC approval is expected by the end of 2016.

## Marketing and Trade

Eni has developed a fully integrated worldwide LNG strategy by expanding its downstream presence in key LNG markets. The LNG is purchased predominantly under long-term supply contracts from Nigeria, Algeria and Qatar.

The LNG team is charged with the purchase, sale and marketing of these volumes into the international LNG market. The portfolio is managed using a mix of long, medium and short term supply and sales contracts, on both a DES and FOB basis.

Eni maximises the value of its LNG through each stage of the value chain and is able to reach premium LNG markets thanks to the combined use of supply and sales contract flexibility, vessel fleet management (both owned and chartered in tonnage), regasification capacity, LNG storage capacity, cargo reloadings and diversions.

Through its wholly owned trading business, Eni Trading and Shipping (ETS), Eni can access the whole spectrum of LNG counterparties in order to optimize existing long term sales and supply contracts and shipping portfolio. In 2015 ETS expanded its LNG trading operations globally.

In 2015, Eni continued to operate in the Atlantic Basin, delivering LNG into Continental Europe, in South America and enhanced its presence in the Middle East and North Asian markets with a combination of mid-term agreements and spot sales/purchases.

In 2015, Eni managed the delivery of approximately 150 LNG cargoes around the globe.



Eni

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ANGOLA LNG angolalng.com QALHAT LNG qalhating.com

BONTANG LNG badaklng.co.id







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## Eni at a Glance

Eni is an integrated energy company, engaged in oil and natural gas exploration, field development and production, as well as in the supply, trading and shipping of natural gas, LNG, electricity and fuels.

Through refineries, Eni processes crude oil and other oil-based feedstock to produce fuels and lubricants that are supplied to wholesalers or through retail networks or distributors.

Eni's strategies, resource allocation processes and conduct of day-to-day operations underpin the delivery of sustainable value to all of our stakeholders, respecting the countries where the company operates and the people who work for and with Eni.

Integrity in business management, support to the Countries' development, operational excellence in conducting operations, innovation in developing competitive solutions, sharing Eni's people know-how and skills, integration of financial and non-financial issues in the company's plans and processes drive Eni in creating sustainable value. These elements lead to wise investment choices, prevention of risks and the achievement of strategic objectives in the short, medium and long term.

In 2015, Eni confirmed its presence in the Dow Jones Sustainability indices and in the FTSE4Good Sustainability index in the June half-yearly review.

### Main Figures for 2015

- Adjusted operating profit: € 334 mln
- Cash flow from operations: € 12.2 bln
- Dividends paid per share: € 0.8
- Leverage: 0.31
- Estimated net proved hydrocarbon reserves: 6.89 bln boe
- Hydrocarbon production: 1,760 kboe/d
- Worldwide gas sales: 90.88 bcm
- Retail oil products sales in Europe: 8.89 mmtonnes
- Electricity sales: 34.88 TWh
- Service stations in Europe: 5,846



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