

## our refineries



In Italy, **eni refining & marketing** is the leading operator in the refining industry and owns five refineries: Sannazzaro de' Burgondi (PV), Livorno, Porto Marghera (VE), Taranto and Gela.

It has shares in the Milazzo Refinery and in the European companies Bayern Oil and PCK (Germany) and in Ceska Rafinerska (Czech Republic). In addition, it produces lubricants and oxygenated products for fuels.

Through **eni trading & shipping, r&m** operates in the crude oil and product trading market, both with fixed-term contracts and in the spot market, in order to ensure the supply of raw materials to meet the needs of the entire refining system and to ensure the marketing of the entire equity crude production of the **exploration & production** sector.

For the transportation and storage of onshore products, **eni** has an integrated logistical structure made up of a network of oil pipelines and a system of directly-managed proprietary storage sites in Italy.

The refined products are sold through a network of sales outlets targeted at drivers (over 4,500 service stations in Italy and over 1,600 in Europe) and through the wholesale sales force, targeted at residential, transportation, industrial and agricultural market segments.

**eni** is a major integrated energy company, committed to growth in the activities of finding, producing, transporting, transforming and marketing oil and gas. The company has global operations in 90 countries and employs about 78 thousand people.

**eni's** strong presence in the gas market and in the liquefaction of natural gas, consolidated skills in the power generation and refinery activities, strengthened by world class skills in engineering and project management, allow the company to catch opportunities in the market and to realize integrated projects.

## eni's activities

### exploration & production

**eni** explores, develops and produces oil and natural gas mainly in Italy, Norway, North and West Africa, the North Sea, the United States, Latin America, Australia and in high potential areas such as Mozambique, the Caspian Sea, the Middle and Far East, Kenya, Liberia, Vietnam, Cyprus, and Russia. In 2012 hydrocarbon production averaged 1701 million boe/day. Net proved reserves at December 2012 amounted to 7.17 billion boe.

### gas & power

**eni** engages in natural gas supply, regasification, transport, trading and marketing, power generation and electricity sales. In 2012 overall sales amounted to 95.32 billion cubic meters of natural gas and 42.58 terawatt-hours of electricity.

### refining & marketing

**eni** engages in oil product refining and marketing mainly in Italy and Europe. With the **eni/agip** brand, it is the Italian market leader in the distribution sector. In 2012 retail sales in Europe of refined products totalled 10.87 million tonnes. In the same period, refining throughputs were 30.01 million tons.

**eni's** business model for the creation of sustainable value is based on assets and strategic guidelines in a framework of clear rules of governance, with the highest ethical standards and rigorous enterprise risk management. When implementing its strategy and running its day-to-day operations, **eni's** efforts are inspired by these key drivers: cooperation, integration, innovation, excellence, inclusion, responsibility.

In 2013, **eni** confirmed its presence in the Dow Jones Sustainability World and Europe indexes. In addition, **eni** entered the 2012 Carbon Performance Leadership Index, the only company present from the Energy sector.

### syndial

**syndial**, an **eni** company, carries out remediation and environmental recovery activities, promoting the use of advanced and sustainable technologies. The mission is to provide an integrated service in the field of environmental remediation through procurement, engineering and project implementation and waste logistics. Today, **syndial** operates in about 50 proprietary brownfield areas, some of which are of national interest.

### enipower

**enipower** (100% **eni**) with an installed capacity of 5.3 GW, is among the leading national producers of electricity, thanks to the eight plants at the petrochemical sites in Brindisi, Ferrara, Mantua and Ravenna, and in the refineries of Ferrera Erbognone (PV), Livorno and Taranto and at the cogeneration site in Belgiano.

### chemicals

**versalis** (**eni** 100%) produces and sells a wide range of chemical products and holds a significant market share in Europe where it owns technologically-innovative third-generation plants. It also boasts an efficient international distribution network. In 2012, production reached over 6 million tonnes; **versalis** operates on an international scale and is committed to chemistry from renewable sources for the production of organic products which will add to and expand the company's portfolio.



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## eni refining & marketing Gela Refinery

Il mondo va avanti,  
ma a ritmo sostenibile  
l'offerta di petrolio



eni  
eni.com



# Gela Refinery

The Gela Refinery is situated on the southern coast of Sicily, in Piana del Signore in the municipality of Gela and, together with the other companies operating on the site, extends over an area of 5 km² divided into "islands".

The first production plants became operational in 1962, with a production capacity of 3 million tonnes of crude oil per year (the current processing capacity amounts to around 5 million tonnes of crude oil per year).

From 1992 to 2002, the Gela Refinery was part of the Agip Petroli circuit, which represented a valuable and important economic, social and cultural asset.

In December 2002, Agip Petroli transferred the company branch consisting of the Refinery, the mineral oils storage and the LPG storage to the company "Raffineria di Gela s.r.l.", operational since 1st January 2003 and which later became "Raffineria di Gela S.p.A." as of 1st April 2003.

## the production cycle

The Gela Refinery has maintained and enhanced heavy crude oil processing, both from abroad and from local sources; this characteristic sets it apart from other refineries operating in Italy. The crude oil processing cycle begins with fractional distillation at the atmospheric distillation (or topping) plants



and under vacuum. This fractionation provides us with gas, gasoline, diesel and fuel oils. All gas flows coming from the refinery plant flow to the gas recovery plant, where gas mixtures are separated into various components. Heavy products that cannot be separated by distillation are then converted into more valuable light products in the coking plants, which are also unique in the Italian refining landscape. Through this plant structure, the refinery can obtain high quality finished products such as gas oils with low sulphur content. Moreover, the Gela Refinery is equipped with a thermoelectric power plant with the purpose of providing electrical power to all plants in the factory as well as to the GSE Network (Energy Services Manager).

## sustainability

The commitment to operate responsibly and promote a model of sustainable development is part of the tradition and values of the Gela Refinery. Our sustainability strategy is fully integrated into the business model and encourages projects and initiatives to meet the increasingly diversified and constantly evolving needs of the stakeholders. We focus our attention on certain areas of particular importance: the protection of the environment and natural resources, the protection of the health and safety

of our staff, the enhancement of their career development, and the on-going search for a mutually beneficial and harmonious relationship with local communities.

## legality

The key factors in the Gela Refinery's commitment to sustainability are the ability to conduct business honestly, fairly, transparently, with loyalty and integrity, and in compliance with regulatory apparatus that applies to its business.

The refinery investigates its suppliers' commitment to comply with those principles on which its own business is built, in particular compliance with the health, safety and environmental standards, labour protection, respect for the law, and the fight against organized crime, corruption and illegal conduct.

## links with the community

The Gela Refinery stands as a major player in spreading the culture and principles of sustainable development, supporting initiatives, collaborating with universities and networks of excellence and promoting research

and innovation. Our corporate orientation mainly focuses on economic interventions that can bring about long-term benefits for the area.

## resources

The management and development of human resources in the Gela Refinery follow the **eni** model and are based on the centrality of the person and his/her protection, the development of capabilities and skills, offering an equal opportunity to everyone based on merit and without discrimination.

The skills and experience developed at this site have already proven highly valuable for the entire **eni** circuit. Therefore, they are both an enrichment from a human perspective and a constant opportunity for new professional challenges.

## health, safety and environment policy (HSE)

In line with **eni's** policies and guidelines, as part of its Environmental Management System (EMS) and Safety Management System, the Gela Refinery has defined

and disseminated specific strategic principles through appropriate policies. Since 2000, the refinery has developed its own EMS, setting targets for improvement that are consistent with its nature, size and environmental impact. The objectives are therefore constantly evolving and being updated and testify to the continuing commitment of the business organization to continuously improve environmental protection. The refinery has achieved the HSE certifications: ISO 14001, OHSAS 18001.

## health and safety

The Gela Refinery follows the guidelines set out regarding health and safety and is therefore committed to ensuring the protection of the health of its employees who work there, the communities living close to the plants and all those who come into contact at different times with the activities carried out by the company. In terms of health, the founding principles at the Gela Refinery are:

- to protect the health of workers, contractors and communities;
- to prevent occupational accidents and diseases;
- to promote healthy lifestyles and behaviours in work environments.