In Italy, eni refining & marketing is the leading operator in the oil refining sector, in the oil refining industry and in the market for transport fuels. Its refineries are in Sannazzaro de‘ Burgondi (PV), Livorno and Taranto.

It has shares in the Italian refiners Eniagip, Snamprogetti, Raffinerie Pugliesi and Lucafa. It also has operations in the Netherlands, Norway, Russia, China, Vietnam, Equatorial Guinea, Senegal, Indonesia, India, the United States and Egypt.

The company is committed to developing integrated strategies to improve the efficiency of its operations and to capture opportunities in the market. It is also focused on implementing integrated projects.

The refineries process 30.01 million tons of crude oil, which is mainly sourced from Europe. In the same period, refining throughputs were 10.87 million tonnes. In the same period, refining operations included the production of a wide range of refined products, including diesel, gasoline and oxygenated products.

The company has global operations in 90 countries and employs about 78 thousand people. It is the leading energy company in its sector and owns five refineries: Sannazzaro de’ Burgondi (PV), Livorno, Taranto and Gela.

In 2012, production reached over 6 million tonnes; in 2013, production was over 7 million tonnes. The company also operates in Italy’s main refineries: Sannazzaro de’ Burgondi (PV), Livorno, Taranto and at the cogeneration site in Bolgiano.
The refinery was built as a private venture in 1926 under the name DICSA (Società Anonima Distillazione Italiana Combustibili), just as the first wave of industrialisation arrived at Porto Marghera.

In 1947 a company called IROM was established (Industria Raffinazione Olii Minerali - Mineral Oil Refining Industry) with the participation of AGIP and AIOC (the Anglo Iranian Oil Company); the damage caused to the refinery during the war made it necessary for the plant to be rebuilt. In 1978 the refinery became wholly owned by eni. In 2014 it was transformed into a Biorefinery through the implementation of the “Green Refinery” project.

The eni Venice Refinery has always been a landmark for the area and the surrounding community. The memory of the IROM brand will live on in older people, which has been replaced by the “six-legged dog” in the minds of newer generations.

Over the years, a collaborative relationship has been established between the refinery and the academic world that has allowed several students to write theses on related topics, drawing on the experience and professionalism of the staff and the knowledge of the community.

The real assets of the eni Venice Biorefinery are its people. They allow the plant to achieve its business objectives within the primary perspective of safety and environmental protection. Ongoing training helps maintain the highest quality standards, sustainable production and maximum safety for employees and the surrounding community.

The Biorefinery provides a medical service that is operated by qualified personnel who use properly equipped dedicated facilities and provide assistance to eni staff and employees of contractors operating in the Biorefinery. The eni Venice Biorefinery also has its own emergency teams who are specifically equipped with and trained in the use of the various emergency vehicles provided at the plant, along with the fire prevention system, consisting of more than 16 km of pipes.

The Venice Green Refinery is reconfigured to produce innovative Green Diesel with physical and chemical properties that are far superior to the biofuels already available on the market. In particular, the hydrogenating ecofining technology produces a biofuel without oxygen with a high cetane number which is perfectly miscible with mineral diesel. This last property in particular means that high-quality fuels can be put on the market with excellent engine and environmental performance.

In addition to Green Diesel, the Biorefinery also produces other biofuels such as Green Nafta, Green LPG and, in the future, Green Jet.

The success of the production plant’s conversion project is a result of eni’s commitment to innovation through the development and implementation of distinctive environmental technologies that ensure an economically sustainable industry in the long term.