

#EnvironmentTransition #LNG / development of the small scale LNG

Development of an LNG hub* in Fos: LNG terminals triple their capacity for tank trucks loading

As part of the energy transition and given the strong demand for cleaner energy, Elengy and its subsidiary Fosmax LNG, owner of the Fos Cavaou LNG terminal, have recently decided to build a liquefied natural gas (LNG) tanker loading station at the Fos Cavaou terminal.

The transport of LNG by tank truck allows the supply of industrial sites not connected to the natural gas grid as well as sites distributing LNG for land and marine fuel. By substituting for diesel, petrol or coal, natural gas and LNG provide a significant reduction in emission of carbon dioxide (CO₂) and a substantial elimination of emissions of sulphur oxides (SO_x), nitrogen oxides (NO_x) and particles, while being economically very competitive.

In order to respond to a booming market, Fosmax LNG decided to build a station on its terminal with two loading bays from the outset. With the one already in operation at the Fos Tonkin LNG terminal, this new station will triple the loading capacity of tankers at the Fos terminals. Works will start this summer for a commissioning during the first quarter 2019.

This project is key to develop and secure the various uses of retail LNG in southern France and Italy. It is part of the "Motorways of the Sea" concept defined by the European Union, which co-finances it as part of its *Connecting Europe Facility-Transport programme* (CEF-T).

Flexibility and quality of service, the advantages of the Fos LNG hub

Thanks to the two new Fos Cavaou bays, the Fos LNG terminals will significantly increase their capacity. It is an additional capacity of 40 loading slots that will be added every day as of 2019, compared to 16 currently available at the LNG terminal in Fos Tonkin. This will make the Fos terminals the LNG hub for the south of France and Italy.

The truck loading market started at Fos Tonkin in 2015 and has experienced steady growth with nearly 1,000 loads in 2016 and 2,000 in 2017.

The third LNG terminal operated by Elengy in Montoir-de-Bretagne is experiencing the same demand and increased its loading capacity by 50% by the end of 2017, to 18 loads per day, thanks to refurbishment works on the station and the optimization of the loading schedule.

* Liquefied Natural Gas (LNG) is natural gas that is transformed to its liquid state by cooling to minus 160°C. For the same quantity of natural gas, the volume of LNG is about 600 times lower than that of its gaseous state. The transport of natural gas in liquid form at atmospheric pressure allows ships to carry large amounts of energy: an efficient and competitive means of transportation to diversify sources and supply routes, and access remote gas reserves.

About Elengy

A pioneer in liquefied natural gas (LNG), Elengy is a subsidiary of GRTgaz within the ENGIE Group.

Leader in LNG terminal services in Europe, Elengy is at the service of all energy suppliers wishing to import liquefied natural gas to supply French and European markets. Elengy operates and develops three LNG terminals in France; Montoir-de-Bretagne on the Atlantic coast, Fos Tonkin and Fos Cavaou on the Mediterranean coast.

Some benchmarks for 2017:

370 employees

Regasification capacity: over 20 billion m³ LNG per year

Quantity of energy received: more than 22% of French consumption

156 port calls made

For more information: www.elengy.com  Elengy and www.fosmax-lng.com  FosmaxLNG

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