

SERVICES PROVIDED BY REGANOSA

Reganosa essentially conducts activities regulated by the Spanish gas system under the third party access regime. In its performance, it continuously analyses market circumstances in order to develop services that support the growing logistics needs that the natural gas market demands. It also collaborates with both companies and institutions by providing its knowledge and experience.

Unloading of ships

Access is granted to methane tankers to the facilities of the Mugardos terminal to unload LNG which is delivered at a temperature of -160°C . Maximum unloading capability is $12,000\text{ m}^3/\text{h}$.

Loading of ships

Reganosa provides access to Mugardos's facilities in order to transfer to the methane tankers the LNG from the terminal tanks. This service has been available since 2010; up to mid 2015 more than 52 loading operations have been conducted.

Gassing up and cool down

These services grant access to the terminal of the Ferrol's Port in order to supply gas to the tanks of the methane tankers (*gassing-up*) and their gradual cooling until it reaches final operation temperature (*cool down*). Currently, the gas plant from Mugardos has the greatest experience in the conducting of these activities as far as the Spanish gas system is concerned.

Storage of LNG

The services Reganosa provides includes the right to use the operative storage, under the term and conditions as laid down in the norms and regulations for the access to the facilities.

Regasification

The company provides its facilities as necessary for conducting the regasification process whereby the liquefied natural gas stored is transformed into a gaseous fuel by increasing its temperature through a physical procedure. To this end, sea water vaporizers are used.

Loading of tankers

LNG is also transported in tankers. The terminal provides a loading tanker service so that companies and factories in the northwest of the peninsula can be provided as well as domestic consumers in areas with little access to gas through satellite plants connected to local distribution networks. Reganosa consolidated in 2014 as the European leader in tanker loadings with a total of 9,700 operations conducted.

Transmission of natural gas

Through the Reganosa's core transmission network gas is transmitted from the entry point of the system up to the connection with the Tui – Llanera gas pipeline, at Abegondo and Guitiriz, to the combined cycle thermal power plants of As Pontes and Sabón, to the refinery of A Coruña and the rest of the outlets of our network.

Laboratory analysis

The Mugaros Laboratory provides services that include analysis of the composition of natural gas and LNG as well as technical advice to both the users of the facilities and external entities. Reganosa has perfectly calibrated and verified equipment.

O+M, training and consultancy

Reganosa provides complementary services of training, transmission network simulations, technical advisory services, consultancy, and services in the areas of design, construction, commissioning, exploitation, operation and maintenance of LNG terminals and transport facilities.