

LNG supply by flexible elements (hoses) in small scale mooring jetty at Regasification Plant of Barcelona

EPM1

Adaptation of an existing jetty in Barcelona for LNG small scale services and bunker supply to ships of up to 80,000 m³ by means of flexible hoses.

The testing of the jetty will include a barge-loading real-life trial which be done in collaboration with other subactivity of the project, EPM2.



Partners involved



Port de Barcelona

Detailed engineering is already finished and the construction process has started. It is foreseen to be available to start with bunkering operations in May/June 2018.

● **EPM1:** This IPS will deploy, looking for market conditions, a LNG technology in the port of Barcelona in order to adapt an existing jetty for LNG small scale services to include the possibility for LNG bunkering applications by means of flexible hoses, without being necessary the build of new facilities/infrastructures, allowing as a result both LNG small scale and bunker supply to ships up to 80,000 m³. This real-life trial will include the loading of a barge (see EPM2).

In the supply of potential demand for LNG bunker at the Port of Barcelona and its vicinity, Regasification Plant of Barcelona will play an important role, being basis installation from which feed barges (feeders) or potential LNG ships, which are powered by LNG directly.

The existence of two jetties at the plant, gives the plant the possibility to offer different services both big-scale, as small-scale.

In this way, and linked to the supply barge collected in the action EPM2 of this project, is needed to realize pilot to test loading barges and ships, which consume LNG from Regasification Plant.

To do this, EPM1 will adapt small scale mooring jetty of Regasification Plant of Barcelona (32H berth), being necessary to install flexible elements and test the technical feasibility of supplying LNG to small vessels from a Plant.