



CORE LNGas hive

Sustainable energy
powering Europe



www.corelngashive.eu

CORE LNGas hive project

CORE LNGas hive is an initiative co-financed by The European Commission through the 2014 Connecting Europe Facility (CEF) Transport Call.

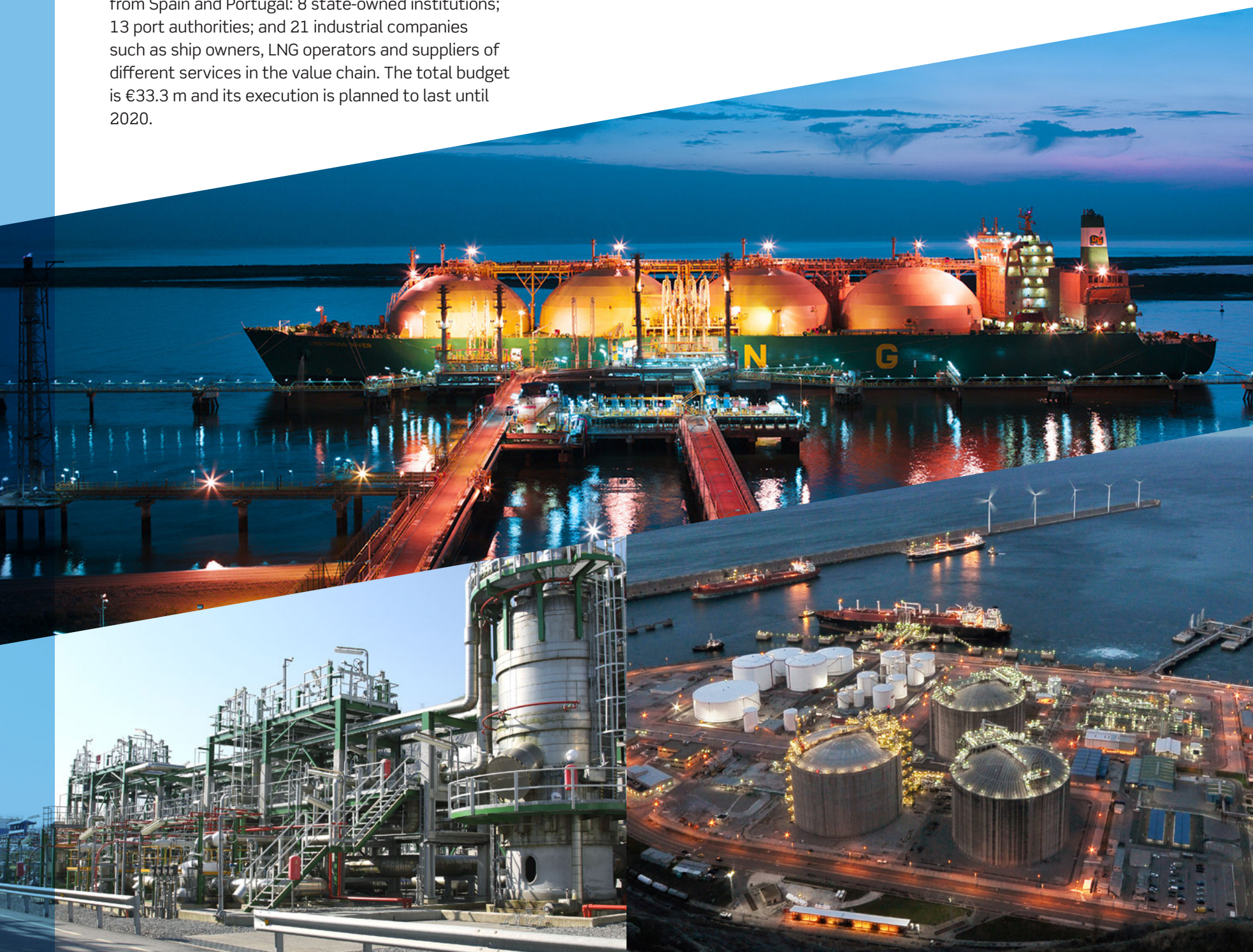
The aim of the project is to develop a safe, efficient and integrated logistic chain for the supply of LNG as a fuel for the maritime sector in the Iberian Peninsula. It will foster the use of this alternative fuel not only in vessels but also in the port environment.

Coordinated by Enagás with the leadership of Puertos del Estado, the project involves 42 partners from Spain and Portugal: 8 state-owned institutions; 13 port authorities; and 21 industrial companies such as ship owners, LNG operators and suppliers of different services in the value chain. The total budget is €33.3 m and its execution is planned to last until 2020.

25 studies: 14 studies and 11 studies with integrated pilots.

14 studies, the “software” of the project. They will allow identifying the standards needed for an adequate development of LNG as a fuel, defining training programmes required and accreditation processes, or to put forward a proposal for a National Policy Framework.

11 studies with integrated pilots, known as the “hardware” of the project. They will test real parts of the LNG logistic chain needed to supply bunker services of LNG. They include the adaptation of LNG Terminals to offer bunker and small-scale services, the development of logistic equipment (as bunker barges or multimodal transport), and the use of LNG within the port environment.



€33.3_m

project budget

€16.65_m

financial support from
the European Commission

42

partner entities from Spain and Portugal:
8 state-owned institutions, 13 port
authorities; 21 industrial companies

- EU Atlantic Corridor
- EU Mediterranean Corridor
- CORE LNGas hive activities
- Iberian Peninsula main pipelines



1

Push forward the process of decarbonization in the Iberian Peninsula

2

Contribute to the reduction of pollutant emissions in shipping

3

Position the maritime industry and natural gas as maritime fuel

4

Increase European visibility within the Iberian Peninsula LNG sector

Targets



LNG as an alternative fuel

LNG is a down-to-earth alternative fuel in the maritime transportation sector.

In accordance with EU Directive 2014/94 on the deployment of alternative fuels infrastructure (Clean Power for Transport), the project will establish the infrastructure needed to supply LNG as fuel to the maritime sector in the Iberian Peninsula.

LNG is one of the most environmentally friendly fuels. It helps the decarbonisation process of the European economy and allows for the reduction of our dependence on oil. Moreover, it reduces emissions of sulphur oxides (SO_x), particulate matter (PM) and nitrogen oxides (NO_x), which will facilitate complying with increasingly tight environmental regulations in the maritime sector.

The Iberian Peninsula as a reference

With 8 LNG terminals, the Iberian Peninsula possesses an LNG logistics know-how of more than 45 years, which is key to the development of the project and the consolidation of the region's leadership in this field.

On the other hand, due to its geostrategic position as a very relevant crosspoint in global shipping routes, the Iberian Peninsula must address the maritime necessities in terms of sustainability, efficiency and operation.



Co-financed by the European Union

Connecting Europe Facility



Puertos del Estado



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Salvamento Marítimo



POLITÉCNICA

