



# CORE LNGas hive

A more sustainable  
transport

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COORDINATOR



Co-financed by the European Union  
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**Newsletter  
N° 8  
February  
2019**

# Official presentation of the logistics chain design tool

On January 24th 2019, the presentation day to the beneficiaries of the logistic supply chain design tool of LNG as maritime fuel took place. A total of 27 attendees from 10 different entities participated to the meeting organized by Enagás (CORE LNGas HIVE project coordinator) including Puertos del Estado as institutional leader, 7 port authorities, Reganosa and the company SBC (Shipping Business Consultants) in charge of developing the tool.

Since the completion of the “Study of LNG demand in the Iberian Peninsula” developed by DNV in 2017, there was an issue pending on this assignment of the “Study of a Logistics Supply Chain” within the framework of the action of the subactivity named ET 2.3.4. for the development of the last part that has been just now finalised and implemented by SBC.



The purpose of the meeting was demonstrating the features obtained and training partners on the way to use and exploit the tool developed by SBC in collaboration with the entire project consortium. The tool is aimed at creating supply chains of LNG for maritime fuel to cover the demand previously calculated.

This meeting was led by Carlos Álvarez-Cascos and Julián Nieto (SBC) and was organized around two different conceptual blocks: a theoretical one to explain the tool using the LNG demand study as reference and a practical in which beneficiaries tested the tool.

This presentation to beneficiaries is considered as a successful closing up of the project sub-activities ET 2.3.4 “Study on LNG demand and supply chain analysis for the roll out”, having enabled reaching the milestone for the future analysis of the supply and demand of LNG in the port sector.

The next step foreseen is the presentation of the tool at the “Working group meeting on ports and multimodal terminals, Atlantic CORE network corridor”, Lisbon, 6-7 March.



## CORE LNGas hive project awarded for its contribution to the port sector

CORE LNGas hive has been awarded during the IV FINE 2019 Awards with a special recognition for its contribution to the port sector.

The award was collected by Fernando Impuesto - Coordinator of the Project and Enagás Entrepreneurship General Manager and Juan Andres Díez de Ulzurrun - Enagás Deputy CEO, Chairman of BBG LNG Terminal and delivered by Benito Nuñez - General Manager of Marina Mercante.

The prize giving ceremony took place during a gala dinner held on February 12th in Bilbao, coinciding with the World Maritime Week; among the ceremony attendees there were the main representatives of the maritime sector, including ship-owners, shipyards, institutions, associations and auxiliary industry.

This recognition has been achieved thanks to the professionalism and the efforts of all 42 partners of the project and the leadership of Spanish Ports.

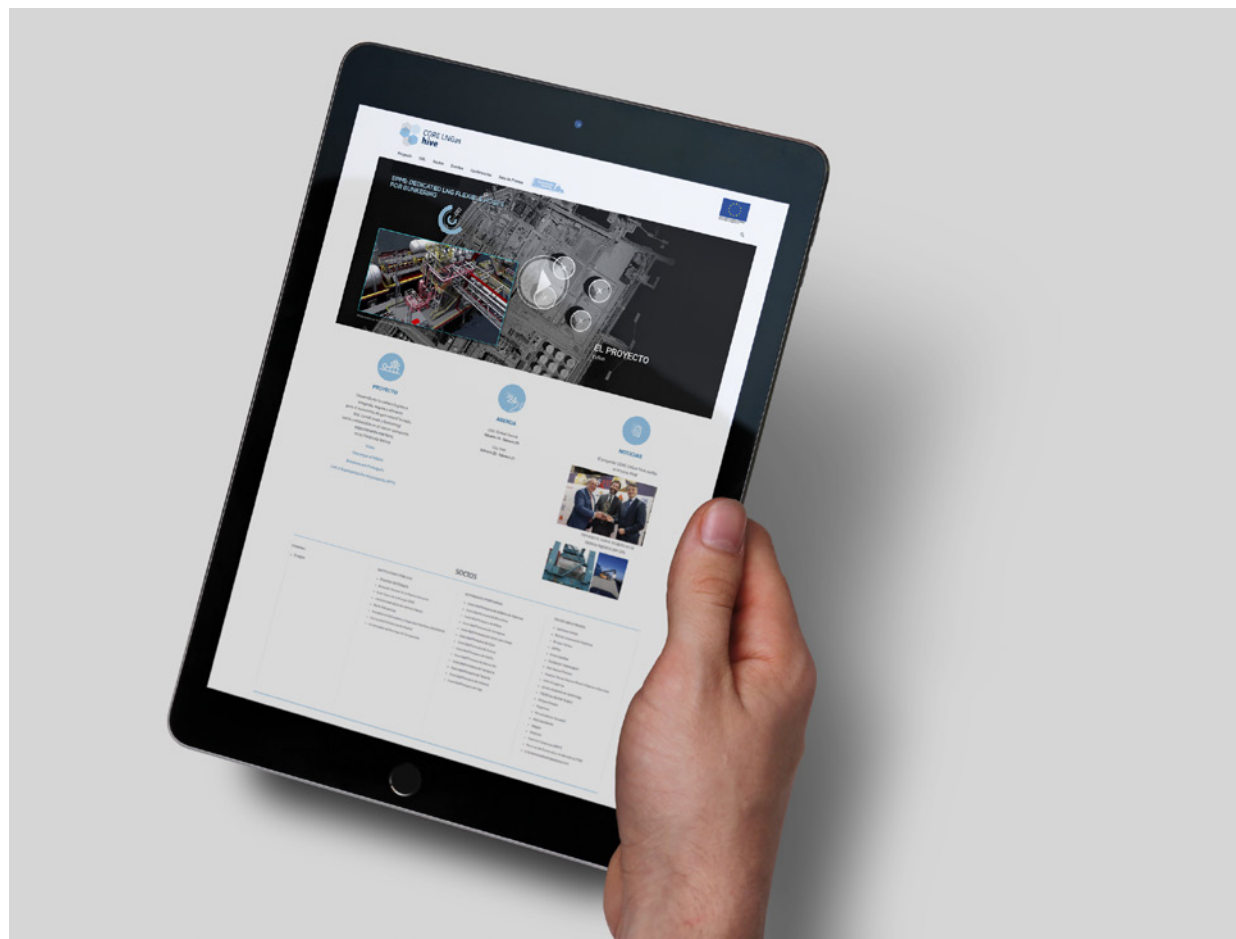


During the last quarter of 2018 and starting of 2019, CORE LNGas hive participated, as forecasted, at the following events: “II Workshop: Intermodal Platform Port of Huelva”, 23 October; “Innovation of the Ports of the XXI Century in Cartagena”, October 26; “Natural gas and maritime transport”, Ceuta 7 November; Event organised by Universidad Politécnica de Madrid “Human asset in LNG bunkering” on CORE LNGas hive and LNG training requirements at the Ateneo de Madrid, 19 November; 2nd Pilot test, On-Shore Power Supply in Vigo, 23 November; Results of a port locomotive retrofitting engineering to LNG in Tarragona port, 29 November; LNG Bunkering Summit, Amsterdam, 28 – 31 January 2019; LNG Bunkering of LNG, Madrid, 21 February.

CORE LNGas hive participation is forecasted at the following events during the first semester of 2019: “Working Group Meeting Atlantic Corridor, Lisbon, 6-7 March”; “Argus Bunker Fuels, Algeciras, 26-28 March”; “Mid Atlantic Ship Repair & Supply Summit, Las Palmas, 4-5 April”; VII Gasnam Congress, Madrid 10-11 April; 5th International LNG Congress, Malta 29-30 April; Madrid LNG Shipping Forum, 23-24 May and AltFuels Iberia 2019, Madrid, 11-14 June.

**The III CORE LNGas hive Conference, foreseen on April 25th, has been postponed. The new official date will be communicated as soon as available.**

## CORE LNGas hive dissemination, communication and events





## Multimodal transport for LNG logistics supply chain: First pilot test of LNG transport by road, rail and sea successfully carried out in Europe

The CORE LNGas hive project successfully carried out the first pilot test of multimodal transport of liquefied natural gas (LNG) in Europe. The initiative has consisted of transporting LNG in an isocontainer from Huelva to Melilla, by road, rail and sea.

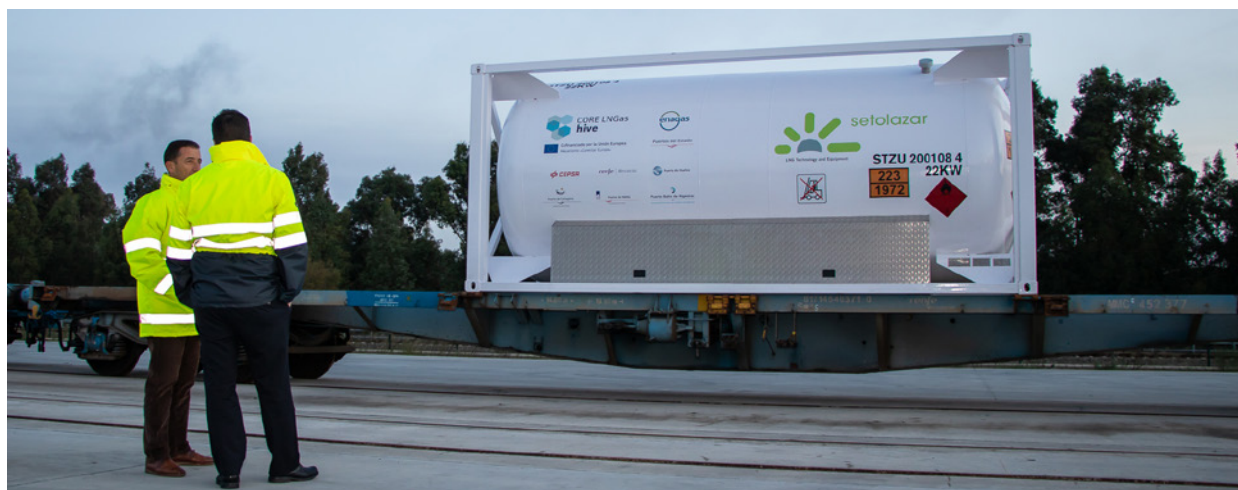
The success of the initiative has been possible thanks to the partners who participate in this

activity: Enagás, Renfe Mercancías, Cepsa, the Port Authorities of Bahía de Algeciras, Huelva, Melilla and Cartagena. Moreover, the project counted with the collaboration of Crisergas, which carried out the transport operations of the isocontainer under the logistic supervision of Cepsa, and the company Setolazar, owner of the isocontainer.

The LNG was loaded into the isocontainer at the Enagás Regasification Plant located in the Port of Huelva. From there, it was transported by truck to the Huelva Port Railway Terminal, where it was transferred to a train. The train travelled to Majarabique station (Seville), and from there it was transported by truck to the Port of Algeciras

(Cadiz). There, it was transferred to a vessel which made the journey from Algeciras to Melilla.

This pilot test demonstrated the effectiveness of the isocontainer as a versatile and flexible solution for transporting natural gas. It facilitates the loading and unloading of LNG and can be easily handled from one means of transport to another, allowing the gas to travel long distances in a faster and safer manner. At the same time, it highlights the efficiency of the railway as a new key logistics solution to respond competitively to the growing demand for alternative fuels. This opens up the possibility that new locations and markets access LNG.



# For the gas transport sector: the new hallmark for natural gas in mobility ECO-G



The European Consortium ECO-GATE, co-financed by the European Union and led by NEDGIA, the gas distributor of the Naturgy group, presented in February the ECO-G brand, which has been conceived as a unique hallmark to rename vehicular natural gas.

<https://eco-gate.eu/>





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## TARGET 1

Push forward the process of decarbonization in the Iberian Peninsula

## TARGET 2

Contribute to the reduction of pollutant emissions in shipping

## TARGET 3

Promote LNG as maritime fuel within maritime and natural gas industry

## TARGET 4

Increase Iberian LNG sector visibility at European level

€16.65Mn

financial support from the European Commission

€33.3Mn

project budget

42

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





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