



CORE LNGas  
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## Decarbonizing maritime transport: LNGhive Algeciras

Algeciras, 5<sup>th</sup> November 2021

On November 5<sup>th</sup>, the Port Authority of Algeciras Bay (APBA) hosted the event "**Decarbonising Maritime Transport**" to present the progress of the LNGhive initiative and, in particular, the LNGhive2-Algeciras project, consisting of the construction of a liquefied natural gas bunkering barge with a capacity of 12,500m<sup>3</sup>.

This vessel construction is supported by the EU with 11M€ - 20% of the project's total - through the Connecting Europe Facility (CEF). The consortium is coordinated by Enagás and counts with the cooperation of Scale Gas and the Port Authority of Algeciras. The LNG bunkering vessel will load LNG at Enagás terminal in Huelva and will enable a flexible supply of LNG to the Port of Algeciras. The aim of the initiative is to attract LNG-powered ships to the Bay of Algeciras, in line with EU and state policies for the development of alternative fuels that allow an effective decarbonisation of maritime transport. The status of the other LNGhive projects was also updated during the day.

The event was virtually opened by Francisco Toledo, president of Puertos del Estado, the institution leading the LNGhive projects; Marcelino Oreja, CEO of Enagás, the company coordinating the projects; Gerardo Landaluze, president of the APBA, host and partner of LNGhive2 Algeciras; and John A. Bassadone, CEO of Peninsula.

The participants highlighted that liquefied natural gas (LNG) is today the only sustainable alternative for maritime transport due to its power, autonomy, life cycle and operating conditions. Compared to traditional fuels, it eliminates 100% of sulphur oxide (SOX) emissions, 80-90% of nitrogen oxide (NOX) emissions and 20-30% of CO<sub>2</sub> emissions. In addition, they indicated the optimal positioning of the Iberian Peninsula for LNG bunkering and the potential of the Port of Algeciras in the supply of LNG and the development of more sustainable maritime transport.

All this within the framework of COP26 and with a view to the package of measures proposed by the EU, Fit for 55, presented last July, which includes the revision of the Alternative Fuels Infrastructure Directive and the new FUELEU Maritime initiative.



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The President of Puertos del Estado, Francisco Toledo, highlighted "the commitment of Spanish ports, as infrastructure managers, to work to guarantee the efficient and safe supply of LNG to ports".

From Enagás, Marcelino Oreja mentioned "the importance of decarbonising mobility and industry. In addition, the need and commitment of the company to promote disruptive, technological and innovative solutions to achieve this decarbonisation". The president of the APBA, Gerardo Landaluce, explained that "Algeciras, through the efforts being made, aims to consolidate in the future as a reference in the use of liquefied natural gas in the maritime field in the area".

According to the coordinator of the LNGhive projects and general manager of Enagás Emprende, Fernando Impuesto, "these projects will allow Spain to lead the process of energy transition in the maritime sector at European level, a leadership based on the development of innovative, competitive and sustainable logistics". On behalf of the European Commission, Stefano Campagnolo, Project officer of LNGhive2-Algeciras, shared in streaming with the attendees how the Spanish ports can benefit from the "Connecting Europe Facility" (CEF) to obtain funding through the call currently open.

In addition, the head of business development of Peninsula and the Head of Projects and Works Division of the Port of Algeciras highlighted their commitment to the development of LNG bunkering through the barge that, together with the Enagás affiliate Scale Gas, they are building to operate in the area and the progress and developments of the port of Huelva and the logistics integration of LNG with the Bay of Algeciras.

### **About the CORE LNGas hive and LNGhive2 projects**

The aim of the projects is boosting the supply of LNG as fuel in the transport sector, especially maritime, in the Iberian Peninsula. The strategy involves a total of 50 partners from Spain and Portugal, a public-private initiative, committing around €250M of investment, of which almost €60M is co-financed by the European Commission through the European Climate, Infrastructure and Environment Agency (CINEA).

