

'Levante LNG' transforms Algeciras into a benchmark for the decarbonisation of maritime transport

- Through its subsidiary Scale Gas, and Peninsula, Enagás owns 'Levante LNG', which, starting in September 2023, supplies liquefied natural gas (LNG) to ships in the Port of Algeciras and its area of influence.
- The air quality improvement project has driven the construction and operation of this ship, co-financed by the Connecting Europe Facility (CEF) transport aid programme.
- Stefano Campagnolo, project manager at the European Climate, Infrastructure and Environment Executive Agency (CINEA), has visited the Port of Algeciras to ratify the start-up of this project financed with European funds.
- The visit was attended by Gerardo Landaluce, President of the Port Authority of Algeciras, Fernando Impuesto, Business Development General Manager at Enagás, and Ignacio de Miguel, Head of LNG, Alternative Fuels & Sustainability at Peninsula.

Madrid, 25 November 2024. Stefano Campagnolo, project manager at the European Climate, Infrastructure and Environment Executive Agency (CINEA), has visited the Port of Algeciras to ratify the start-up of the air quality improvement project in the Port of Algeciras and its area of influence, promoted by Enagás -through its subsidiary Scale Gas- and Peninsula.

This project for the reduction of the carbon footprint of maritime transport, which has promoted the construction and operation of the 'Levante LNG', a ship supplying liquefied natural gas (LNG) to ships, is co-funded by the Connecting Europe Facility (CEF) transport aid programme.

The visit was attended by Gerardo Landaluce, President of the Port Authority of Algeciras and Vice-Chair of the Executive Committee of the European Sea Ports Organisation (ESPO), Fernando Impuesto, Business Development General Manager at Enagás, and Ignacio de Miguel, Head of LNG, Alternative Fuels & Sustainability at Peninsula.

Since its commissioning in September 2023, 'Levante LNG', which carries out cargoes of up to 12,500m³ of LNG capacity at the Enagás regasification plant in Huelva, has positioned itself as the vessel supplying LNG to ships with the most operations in southern Spain this year.

Up to the end of September, it has carried out 42 ship-to-ship supply operations, with a total of 124,000 m³ supplied in the Port of Algeciras and its area of influence. 'Levante LNG', chartered by Peninsula, is the only one of its kind operating in Andalusia and one of three operating in Spain.

European Union funding

The initiative is part of the European Union's Connecting Europe Facility (CEF) transport aid programme, which co-finances up to 11 million euros, through a consortium coordinated by Enagás and Peninsula with the participation of Scale Gas and the Port Authority of Algeciras. This agreement is part of the 'LNGhive 2' strategy, under the aegis of Puertos del Estado, which aims to support the development of the LNG market as a sustainable maritime fuel, in line with the European Directive 94/2014 on alternative fuels to improve air quality at sea and in ports.



A sustainable transition

LNG is a fuel that complies with the current regulation of the International Maritime Organization (IMO 2020), which introduced the limit of 0.5% sulphur content in marine fuels. Peninsula has set the standard in the bunkering industry in terms of compliance with this regulation.

Compared to traditional maritime fuels, liquefied natural gas practically eliminates emissions of sulphur oxide (SO_x), while also reducing nitrogen oxide (NO_x) emissions by 80-90% and CO₂ emissions by 20-30%. CO₂ emissions can be reduced by about two million tonnes by 2030, through using LNG as a maritime fuel in Spain. This would be equivalent to replacing more than one million combustion vehicles with electric vehicles.

About Enagás

Enagás is a Transmission System Operator (TSO) with 50 years' experience in the development, operation and maintenance of energy infrastructure. The company has approximately 12,000 kilometres of gas pipelines, three underground storage facilities and eight regasification plants. The company operates in seven countries. In Spain, it is the Technical Manager of the Gas System and has been appointed Interim Manager of the Hydrogen Transmission Network (HTNO) by Royal Decree Law 8/2023. By agreement with the Council of Ministers, Enagás has been entrusted with the development of H2med, the Spanish hydrogen network and associated storage facilities. In line with its commitment to energy transition, Enagás has announced its target of becoming carbon neutral by 2040, with a firm commitment to decarbonisation and the promotion of renewable gases, especially hydrogen.

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About Scale Gas

Enagás affiliate Scale Gas develops, operates and maintains LNG and hydrogen storage and supply infrastructure for land transport, maritime transport and industrial uses, in small and medium scale unregulated markets.

About Peninsula

Peninsula is a leading global shipper and supplier of marine bunker fuels. With an international network of offices and operations in the world's major ports, Peninsula guarantees high quality products and first class customer service at all times. The company provides professional, efficient and competitive solutions to its clients all over the world. It has a full range of services including its own fleet of barges and tankers, shipping agency and a global network to provide technical assistance and maintenance to vessels all over the world. The company can offer its clients a broad array of flexible solutions, with assets deployed in twelve international ports, eighteen global offices and around twenty thousand deliveries per year. Over the past 25 years Peninsula has become an example for others to follow in terms of quality in the international bunkering industry. The company is firmly committed to supporting the maritime energy transition to a cleaner, more sustainable future.

About the Port of Algeciras

The port of Algeciras has the highest volume of activity in Spain and the Mediterranean with an annual traffic of more than 100 million tonnes. It is also the most efficient port in



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Europe, according to the Container Port Performance Index (CPPI) of the World Bank and the consultancy firm IHS Markit. The Port of Algeciras is also one of the leading ports in the Strait of Gibraltar in ship services, including bunkering, the supply of latest generation low-sulphur products adapted to the new IMO regulations and new alternative fuels such as LNG. It is thus compliant with the Green Strategy through which the Port Authority has aligned itself with the Sustainable Development Goals of the UN's Agenda 2030.



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