



PRESS RELEASE

ENAGÁS, EDISON AND PIR INAUGURATE CONTINENTAL ITALY'S FIRST SMALL SCALE LNG TERMINAL FOR SUSTAINABLE IN THE TRANSPORT SECTOR

The Depositi Italiani GNL (DIG) terminal, with the capacity to move over 1 million cubic metres of LNG annually, will be able refuel up to 12,000 trucks and 48 ferries per year, making it possible, over the course of the terminal's life, to avoid roughly 6,000,000 tons of CO₂ and to eliminate the particulates and sulphur oxide otherwise emitted by these vehicles.

With the start-up of operations at DIG terminal in the Ravenna port, Edison has completed and launched the first integrated logistics chain for the supply and sale of liquefied natural gas in Italy.

Ravenna, 26 October –**La Petrolifera Italo Rumena (PIR), Edison and Enagás announce that Depositi Italiani GNL (DIG) has begun operating the small scale liquefied natural gas (LNG) terminal in Ravenna for the sustainability of heavy road and sea transport. With the roll-out of the DIG terminal - PIR owns 51%, Edison 30% and Scale Gas Solutions, subsidiary of Enagás, 19% – Italy will enjoy a steady and secure supply of LNG for transport: a solid, available solution to immediately help decarbonise the transport sector.** The European Directive on Alternative Fuels Infrastructure (DAFI) encourages the use of LNG for heavy transport, and Italy has committed (Legislative Decree 257 of 16 December 2016) to covering 50% of sea transport and 30% of road transport with LNG by 2030, creating a supply infrastructure along the trans-European transport network TEN-T (Ten-T). In this way Ravenna becomes the first Italian port of the TEN-T to equip itself with an infrastructure for LNG. A commitment relaunched by the Country with the investments provided by the Complementary Fund of the National Recovery and Resilience Plan to support the renewal of naval fleets and the implementation of the use of liquefied natural gas for maritime transport.

Built with an **investment of roughly €100 million in the area**, the terminal has **LNG storage capacity of 20,000 cubic metres** and **the capacity to move over 1 million cubic metres of liquid gas each year**, making enough LNG available to fuel at least **12,000 trucks** and up to **48 ferries per year**. Over the course of its operating life, estimated to be 25 years, the terminal **will prevent the emission of 6 million tons of CO₂ and eliminate particulates and sulphur oxide emissions.**

“We are proud to announce the inauguration of a new, highly strategic infrastructure for our country today, in line with the strategy to fight climate change. LNG plays a key role in the energy transition, as it enables us to immediately begin decarbonising sea and heavy transport, where other solutions and technologies are not feasible on a large scale, except in the long term,” said Nicola Monti, Chief Executive Officer of Edison. “Thanks to this new infrastructure, Edison’s unique position in Italy as a long-term LNG importer and the availability of a small scale natural gas tank ship, we are opening a new secure and competitive procurement channel that reduces dependency on imports via petrol trucks from abroad and may encourage the widespread adoption of LNG in transport, even in areas of Italy where it is not currently accessible or cost effective.”



*“We are satisfied to have reached this ambitious goal in the realization of the first strategic LNG infrastructure in Italy and particularly in the port of Ravenna, which is the historical base of our Group, and to have undertaken this economic adventure with major partners such as Edison and Scale Gas Solutions of Enagás Group - **Guido Ottolenghi, Chief Executive Officer of PIR, comments** -. The DIG deposit is the first concrete step towards the energy transition of the country”.*

*“Enagás' participation in this Ravenna infrastructure is the result of years of cooperation between Italy and Spain's energy companies of which we are proud of. This new terminal, which has started refueling from the Barcelona LNG infrastructure, will reinforce the LNG supply chain in the Mediterranean Sea and contribute to the promotion and use of this alternative fuel in transport. This strategic milestone is totally aligned with Enagás decarbonisation strategy and will also allow to reach EU transport decarbonisation targets”, said **Marcelino Oreja, Chief Executive Officer of Enagás**.*

Depositi Italiani GNL is the company that as of today formally takes over management of the small scale terminal's operations in the Corsini port of Ravenna. Edison will handle the terminal's procurement using the **Ravenna Knutsen**, one of the world's first small scale natural gas tank ships (30,000 cubic metres). Boasting excellent operational flexibility, it was built for Edison's exclusive use by the Norwegian shipbuilder **Knutsen OAS Shipping** at the **Hyundai Heavy Industries** dockyard in Mipo, South Korea. The terminal's storage capacity will be sold to third parties, with 15% to be sold by DIG and 85% to be sold to end users by Edison as an integrated operator along the entire chain, from LNG procurement to its distribution and sale to refuelling stations. In this way, Edison **completes the first integrated logistics chain in Italy, ensuring stable and competitive supplies of the country's LNG**.

The construction of the small scale terminal was entrusted to Edison's engineering department, which, despite the Covid-19 pandemic, delivered the plant within 28 months, according to schedule. The construction involved **60 local supplier companies**, over **200 workers** and **80 engineers** who designed and supervised the execution of all the terminal's elements. **30,000 cubic metres of concrete and 600 tons of steel** were used, while the land was reinforced with **2,200 gravel agglomerate piles** and **180 reinforced concrete piles** measuring over one metre in diameter and 45 metres in depth. Enagás supported Edison with the commissioning for the beginning of operation of the terminal.

The Italian LNG market for road transport presents significant potential for development, with growth trends destined to speed up thanks in part to the construction of new infrastructures. In 2020, 2,904 LNG-fuelled vehicles (2,852 trucks and 52 buses) were in use in Italy, an increase of around 40% on 2019. Moreover, 41 new LNG buses were registered in 2020, confirming the expansion trend of LNG vehicles in the local public transport sector as well. According to Italian Transport Ministry data processed by ANFIA, the Italian automotive chain association, 635 new LNG trucks were registered in the first half of 2021 (+86.8% on the 340 new registrations of one year earlier). The country currently has around **3,500 LNG trucks** and **104 LNG refuelling stations** (compared to a mere six in 2016).

As for sea transport, the number of ships running on LNG has grown continuously from 2010 to date at a rate of +20% to +40% per year, and there are currently orders in place for around another 84 LNG ships. This acceleration is partly due to the new International Maritime Organization (IMO) regulation of 2020, which sets **limits on the sulphur content in marine fuel ranging from 3.5% for traditional fuels to 0.5%** for specific Sulphur Emission Controlled Areas (SECAs). Another boost in new orders for LNG ships is expected to come from the cruise industry, the Mediterranean Sea being one of its most important markets, second only to the Caribbean.



Edison

Edison is Europe's oldest energy company, with over 135 years of records, and is one of Italy's leading operators in the sector, with activities in the procurement, production and sale of electricity and natural gas and in energy and environmental services. The company is at the forefront of the energy transition challenge, through the development of renewable and low-carbon generation, energy efficiency services and sustainable mobility, in full harmony with Italy's Integrated National Energy and Climate Plan (PNIEC) and the targets defined by the European Green Deal. Edison has a highly flexible and efficient power generation park, consisting of 200 power stations including hydroelectric, wind, solar and highly efficient combined-cycle gas-fired thermoelectric plants. The Group's total net installed capacity is 7 GW. Today it operates in Italy and Europe, employing over 4,000 people.

PIR

PIR is an independent terminal operator with ten terminals in the Mediterranean, roughly 1 million cubic metres of storage capacity for petrol, chemical and food liquids and around 300,000 tons of storage capacity for grain, moving approximately 5 million tons of products per year. Founded in 1920, it offers its customers flexible solutions for storage and movement at the cutting edge of port logistics.

Enagás - Scale Gas Solutions

Enagás is the Spanish transmission system operator with over 12,000 km of natural gas pipelines, three strategic terminals, eight regasification facilities and operations in eight countries with natural gas infrastructures. The company is deeply committed to decarbonisation and promotes solid renewable gas projects, like green hydrogen and the use of LNG as the cornerstone of sustainable mobility.

Scale Gas Solutions Scale Gas is the Spanish branch of Enagás Empeñe, a company founded by Enagás to invest in and accelerate start-ups/scale-ups and innovative technologies in the field of energy transition, with a specific focus on renewable gas, sustainable mobility, energy efficiency and digitalisation projects, as well as cleantech technologies in general. Scale Gas specialises in the development, operation and maintenance of LNG bunkering assets and infrastructure projects for small scale LNG.

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