

## THE GRIMALDI GROUP TAKES DELIVERY OF THE *ECO LIVORNO*

*The third hybrid ro-ro vessel of the new GG5G class also joins the fleet*

Naples, 29 January 2021: Another new entry in the Grimaldi fleet. This time it is the **Eco Livorno**, the third of twelve hybrid vessels of the innovative **Grimaldi Green 5<sup>th</sup> Generation (GG5G)** class, delivered today by the Chinese Jinling shipyard located in Nanjing. Thanks to their unique design, the GG5G-class units are not only the largest short sea ro-ro vessels in the world, but also the most eco-friendly ones.

The **Eco Livorno**, which flies the Italian flag, has a length of 238 meters, a beam of 34 meters, a gross tonnage of 67,311 tonnes and a service speed of 20.8 knots. The loading capacity of her seven decks – two of which are hoistable – is twice that of the previous class of short sea ro-ro ships deployed by the Grimaldi Group: in fact, the vessel can carry 7,800 linear meters of freight, equivalent to around 500 trailers and 180 cars. The quarter stern ramp allows the loading of freight units weighing up to 150 tons.

At the same speed, the **Eco Livorno** consumes the same amount of fuel compared to the previous generation vessels and is therefore able to halve CO<sub>2</sub> emissions per unit transported: this was made possible through the adoption of several highly innovative technological solutions that optimize fuel consumption and ship performance.

During port stays, the **Eco Livorno** is even capable of cutting emissions to zero by using the electricity stored in mega lithium batteries with a total power of 5 MWh, which are recharged during navigation thanks to shaft generators and 350 m<sup>2</sup> of solar panels. In addition, the vessel is equipped with state-of-the-art, electronically controlled engines and with an exhaust gas cleaning system for the reduction of sulphur and particulate emissions.

*"We are in the midst of a green revolution that our Group has strongly promoted and in which it has been investing for years, and we are proceeding swiftly in this direction", stated the Neapolitan company Managing Director Emanuele Grimaldi. "With the delivery of the Eco Livorno, we enhance our fleet with a new precious unit, which we will deploy in the coming weeks to serve our customers and continue to meet their expectations in terms of quality and eco-sustainability".*

Once she arrives in Italy, by the end of February, the **Eco Livorno** will join her sister vessels *Eco Valencia* and *Eco Barcelona* on the regular ro-ro service that connects the ports of Livorno, Savona, Barcelona and Valencia.

For more information:

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*The Grimaldi Group, headquartered in Naples, operates a fleet of over 130 vessels and employs approximately 16,000 people. Wholly owned by the Grimaldi family, it is a multinational logistics Group specialised in the operation of roll-on/roll-off vessels, car carriers and ferries. It comprises six shipping companies, namely: Grimaldi Deep Sea, operating in the transport of rolling cargo and container on the Atlantic routes and between the Mediterranean and West Africa; Grimaldi Euromed, specialized in the transport of rolling freight in Europe, in the Motorways of the Sea and in the transport of passengers in the Mediterranean with the Grimaldi Lines brand; Atlantic Container Line, which offers transport services for containers and rolling cargo between North America and North Europe; Malta Motorways of the Sea, shipowning company; Minoan Lines, operating in Greek cabotage for the transport of freight and passengers; Finnlines, operating in freight and passengers transport in the North and Baltic Sea.*

*The maritime connections are the core of an advanced logistics chain, which includes port terminals and road transport companies. The 22 port terminals owned/operated by the Grimaldi Group are located in 12 countries around the world: Italy (Salerno, Monfalcone, Civitavecchia, Catania, Gioia Tauro, Savona Palermo & Livorno), Spain (Barcelona, Valencia and Sagunto), Germany (Hamburg), Sweden (Wallhamn), Finland (Turku & Helsinki), Denmark (Esbjerg), Ireland (Cork), Belgium (Antwerp), Egypt (Alexandria), Cameroon (Douala), Nigeria (Lagos), Benin (Cotonou). Most of these terminals are fitted with Pre-Delivery Inspection (PDI) facilities, warehouses and workshops.*