

THE *ECO ADRIATICA* ENTERS THE GRIMALDI FLEET

The eleventh GG5G-class hybrid ro-ro vessel delivered to the Neapolitan group

Naples, 1 August 2022: With the delivery of the ***Eco Adriatica***, the fleet of **Grimaldi Green 5th Generation (GG5G)** class hybrid vessels is almost complete. This is the eleventh of twelve state-of-the-art units ordered from the Chinese Jinling shipyard located in Nanjing. Thanks to their unique design, the GG5G-class ships are not only the largest ro-ro units in the world for short sea shipping, but also the most eco-friendly.

The ***Eco Adriatica*** 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 some 7,800 linear meters of freight, equivalent to around 500 trailers and 180 cars.

However, the increase in capacity does not affect fuel consumption, thanks to the adoption of numerous highly innovative technological solutions that optimize the ship's operational and environmental performance: in fact, at the same speed, the ***Eco Adriatica*** consumes the same amount of fuel compared to the previous generation ro-ro ships, and is therefore able to halve CO₂ emissions per unit transported.

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. In addition, during port stays, the ***Eco Adriatica*** is capable of cutting emissions to zero by using the electricity stored in mega lithium batteries with a total power of 5 MWh; these are recharged during navigation thanks to shaft generators and 350 m² of solar panels.

"It is not enough to talk about ecological transition: we must bring about change, and our Group is doing it by making its fleet increasingly modern, efficient and sustainable", said Emanuele Grimaldi, Managing Director of the Neapolitan shipping company. "With ships such as the Eco Adriatica and her GG5G-class sister units, we concretely contribute to reducing the environmental impact of maritime transport in Europe "

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The Grimaldi Group, headquartered in Naples, operates a fleet of over 130 vessels and employs approximately 17,000 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 seven 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; Tramed GLE, active in the transport of freight and passengers between mainland Spain and the Balearic Islands.

The maritime connections are the core of an advanced logistics chain, which includes port terminals and road transport companies. The over 20 port terminals owned/operated by the Grimaldi Group are located in 12 countries around the world: Italy, Spain, Germany, Sweden, Finland, Denmark, Ireland, Belgium, Egypt, Cameroon, Nigeria, Benin. Most of these terminals are fitted with Pre-Delivery Inspection (PDI) facilities, warehouses and workshops.

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