

## THE *ECO ITALIA* ENTERS THE GRIMALDI FLEET

*This is the twelfth hybrid ro-ro ship belonging to the innovative GG5G class.*

*Two more sister vessels to be delivered by 2025*

Naples, 28 October 2022: This morning the twelfth hybrid ro-ro ship of the **Grimaldi Green 5<sup>th</sup> Generation (GG5G)** class was delivered from the Chinese Jinling shipyard in Nanjing. Her name is ***Eco Italia*** and, like her eleven sister vessels already deployed in the Mediterranean and Northern Europe, she is one of the largest and most eco-friendly ro-ro units in the world for short sea shipping.

The ***Eco Italia*** 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 Italia*** consumes the same amount of fuel compared to the previous generation ro-ro ships, and is therefore able to halve CO<sub>2</sub> emissions per unit transported.

The ***Eco Italia*** 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, while at berth, the ship reaches the "Zero emission in port" target: during port operations, the ***Eco Italia*** uses 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 m<sup>2</sup> of solar panels.

"With their outstanding operational and environmental performance, our 'Eco' ships are revolutionizing short sea shipping in Europe", stated the Neapolitan group Managing Director **Emanuele Grimaldi**. "We will continue to invest in this green revolution, as recently confirmed with the order of two more GG5G-class units, to be delivered by 2025".

Upon her arrival in Italy, scheduled for the end of November, the ***Eco Italia*** will be deployed in the motorways of the sea network operated by the Grimaldi Group in the Western Mediterranean.

For more information:

**Grimaldi Group** – External Relations: Paul Kyprianou Ph: +39 081 496246; Mob: +39 3204076539; Email: kyprianou.paul@grimaldi.napoli.it

**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; Trasmed 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.