

Press release

Copenhagen, 22 July 2025

## **Scandlines' new emission-free ferry prepares for departure**

*Scandlines is setting yet another new standard for sustainable transport. The new, state-of-the-art ferry, which operates completely free of direct emissions, has just completed its second sea trial in the Sea of Marmara near Turkey and is now preparing for its journey home to the Fehmarnbelt.*

In close collaboration with the Cemre shipyard and under the close supervision of Lloyd's Register, the ship has been intensively tested under realistic conditions, from blackout simulations to advanced navigation systems and automated safety tests. The result? A ground-breaking freight ferry that delivers both reliability and green innovation.

"With our new zero direct emissions ferry, we are taking another big step towards a greener future for ferry transport. We combine sustainable technology with high capacity and efficient operations – for the benefit of both the environment and our customers," explains Rasmus Nielsen, VP, Fleet and Administration at Scandlines.

### **World-class green technology: Charging in minutes**

When the ferry arrives to the Fehmarnbelt later in 2025, it will be able to charge in just 17 minutes in Rødbyhavn, Denmark, thanks to Scandlines' forward-thinking investment in a powerful 50 kV / 25 MW power cable and a new transformer station. An intelligent charging tower ensures that the ferry is automatically switched on, regardless of water levels and movements, in under 15 seconds.

But it doesn't stop there: A complete charging system has also been installed in Puttgarden, Germany, so that from the end of 2025, the ferry will be able to charge in just 12 minutes and operate emission-free in both directions with a crossing time of 45 minutes.

The vessel also has the option of hybrid operation and is equipped with three diesel generators to ensure flexibility and reliability during the delivery voyage from Turkey.

### **Scandlines: Strong partner for green and efficient freight**

Scandlines' new ferry is not only a technological beacon, it is a strategic investment in future freight solutions. It combines high capacity with sustainable operations and will be a key player on the route between Puttgarden and Rødby.

The official naming and inauguration will take place upon arrival at the Fehmarnbelt later in 2025.

### **Data for zero direct emission Scandlines freight ferry for the Puttgarden-Rødby route:**

Length: 147.4 m

Breadth: 25.4 m

Design draft: 5.30 m

Freight capacity: 66 freight units (abt. 1,200 lane meters)

Max. number of passengers: 140

Service speed: 16/10 knots

Crossing time: 45 minutes (as of autumn 2025)

Battery system: 10 MWh



Charging time in port: 12 minutes (as of autumn 2025)

Direct emissions during the crossing: 0

Project investment: 80 MEUR

### **About Scandlines**

*Scandlines is a modern and innovative ferry operator with a green vision for the future. We have a proud culture based on strong German-Danish cooperation and maritime history dating back to 1872.*

*Scandlines operates two ferry routes with high capacity and frequency. Six of our ferries are hybrid ferries, and two are furthermore fitted with an innovative rotor sail – and that contributes to making our ferries greener.*

*Our core business is to provide an efficient and reliable transport service for both passengers and freight customers. The focus for all our activities – on board the ferries as well as in our BorderShops – is to give our customers a great experience.*

*With 37,500 departures on seven ferries, Scandlines in 2024 transported close to 6.4 million passengers, over 1.6 million cars and 700,000 freight units on the routes Puttgarden-Rødby and Rostock-Gedser.*

Read more about Scandlines at [www.scandlines.com](http://www.scandlines.com).

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**High-resolution press photos** can be downloaded [here](#).