

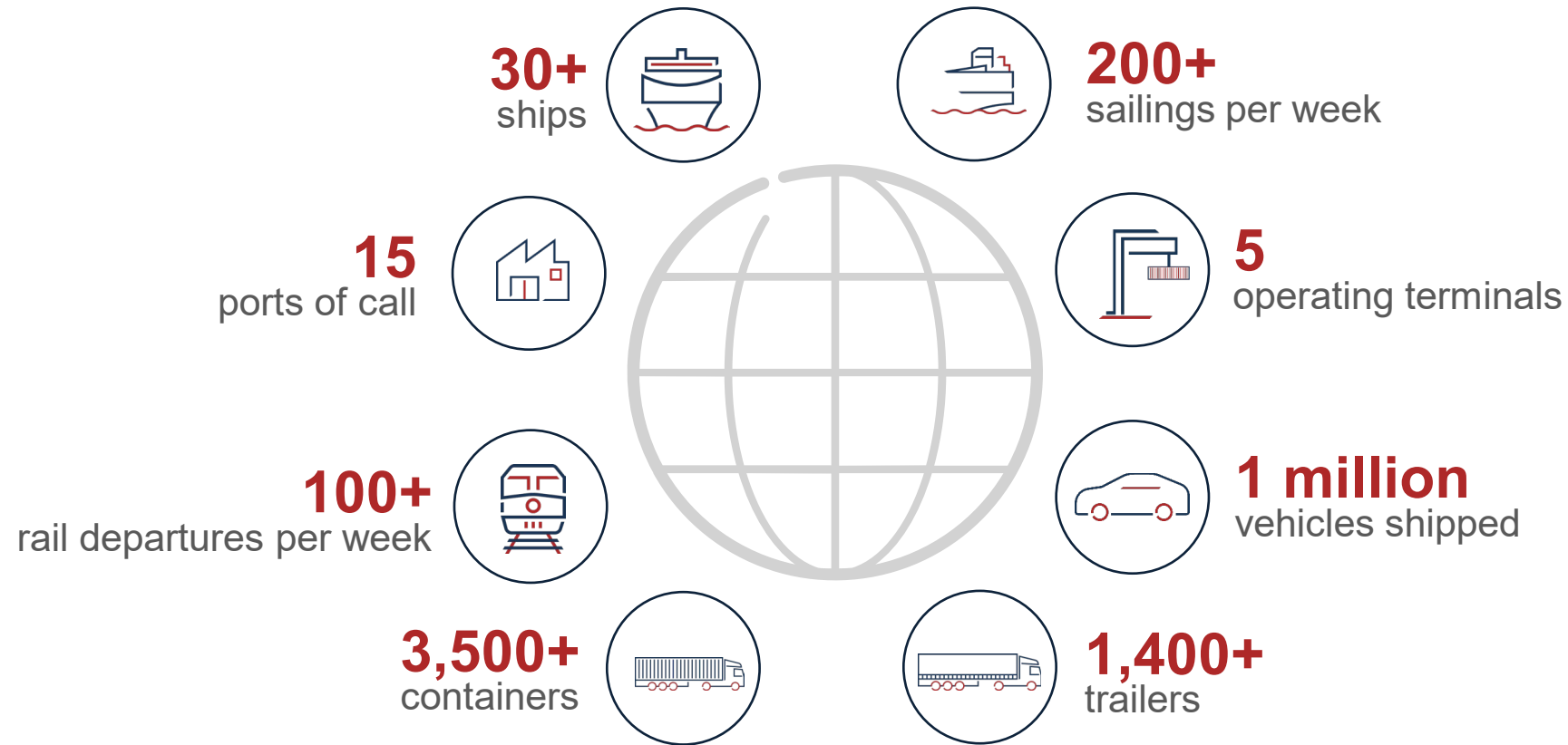


**Leading the way in
carbon efficiency**



Our solutions

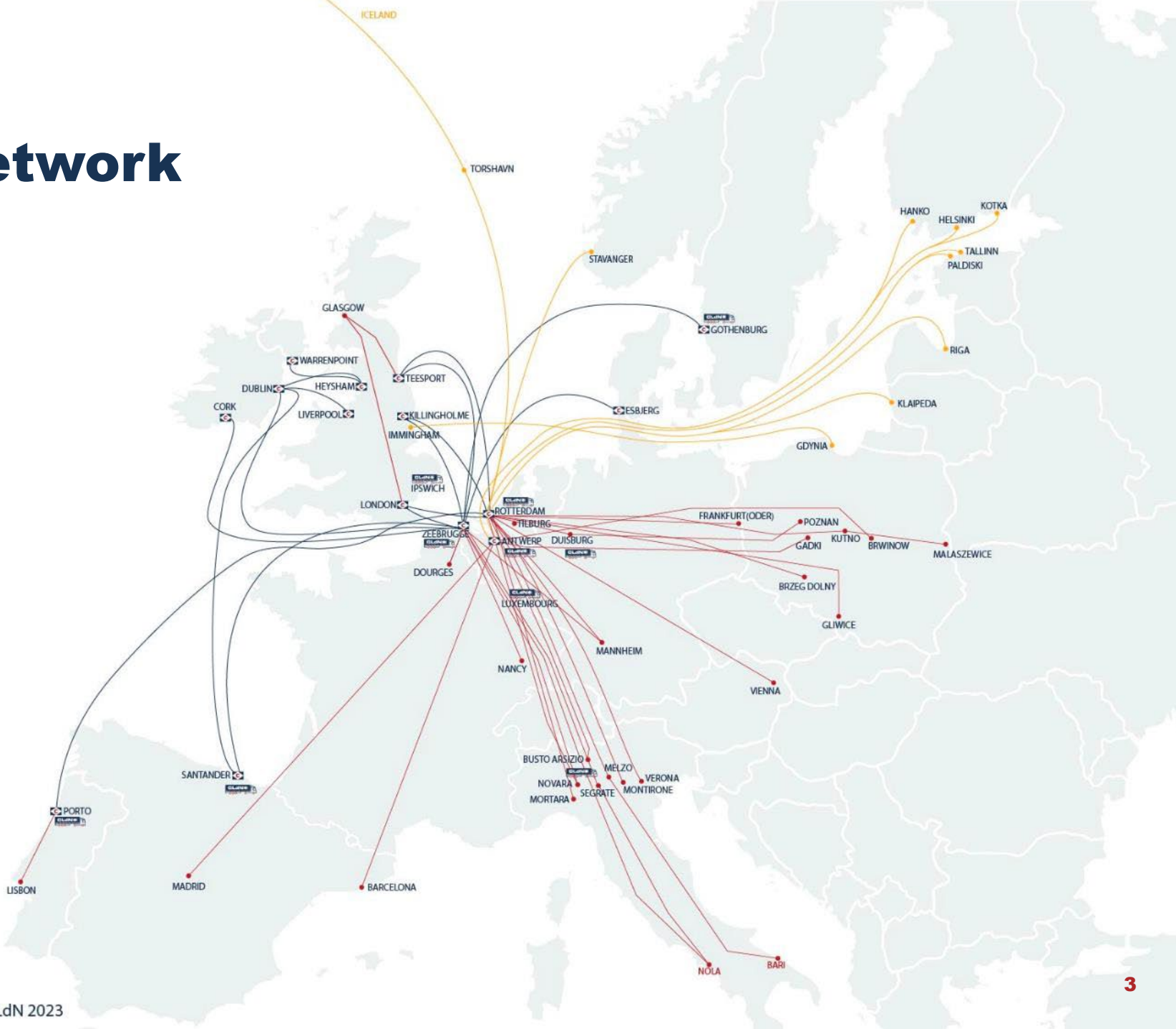
CLdN in numbers



Our multimodal network

Connections through Europe

- CLdN shortsea connections
- Partner shortsea connections
- Rail network
- Cargo offices
- Ports





Driving Operational Efficiency

We take a range of measures to optimise the fuel and emissions performance of our fleet.

This includes:



a systematic programme of propeller and hull inspection and cleaning to reduce drag



the application of premium hull coatings, also to reduce drag



the fitting of sensors and utilisation of information systems to continuously monitor the performance of every ship in our fleet



providing our captains and crews with data to monitor and optimise sailing speeds

Fleet strategy

Bigger is better

- ◆ Fleet investment has focused on a new generation of large, flexible RoRo vessels
- ◆ 8 new vessels delivered since 2016
- ◆ CLdN now has the youngest fleet among competitors at 11 years on average
- ◆ Large ships offer significant CO₂ efficiency benefits compared to smaller vessels.
- ◆ All new ships operate at Carbon Intensity Indicator “A” rating

Fleet strategy

Alternative fuels and propulsion

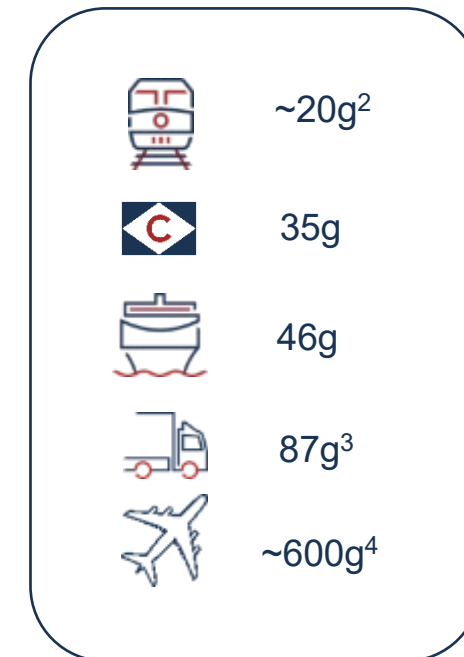
- ◆ CLdN actively integrating new fuels eg LNG
- ◆ Two 35mx5m rotor sails currently being trialled on M/V Delphine. They offer an emission reduction saving of up to 10%
- ◆ Electric propulsion motors of 6MW each are being fitted to two newbuilds being delivered in 2025

Fleet performance

Leading the way on CO₂ efficiency – RoRo shipping

- ◆ CLdN RoRo is the **top performer** amongst its RoRo shipping peers in Western Europe for CO₂ emissions per tonne of freight carried
- ◆ We achieved a weighted average emission for our fleet of **35g CO₂/tonne-km** in 2022
- ◆ MRV benchmarking showed that we are **cleanest** amongst the RoRo shipping segment¹
- ◆ **CLdN's ambition is to further reduce its carbon footprint and to maintain its position as best-performing RoRo operator among its competition**

Modal emissions g CO₂ / t-km



1: Official EU MRV data 2022

2: EU average based on GHG Protocol. Emissions vary from country to country depending on fuel used

3: GHG Protocol for 33t HGV

4: GHG Protocol for long-haul freight

Multimodal benefits

Leading the way on CO₂ efficiency – multimodal transport

- ◆ To reduce the environmental impact of our logistics services, we offer solutions using RoRo ferry, rail, barge and truck
- ◆ By limiting truck transport to the first and last mile of a journey, we help relieve congested roads and decrease CO₂ emissions
- ◆ We continuously map and minimise the number of empty kilometres travelled



| | |
|----------------------|-------------------------|
| Porto - Poznan | 75% (4.2 tonnes) |
| Verona – Northampton | 73% (2.1 tonnes) |
| Kolding - Salamanca | 52% (2.4 tonnes) |

