



GRIMALDI GROUP

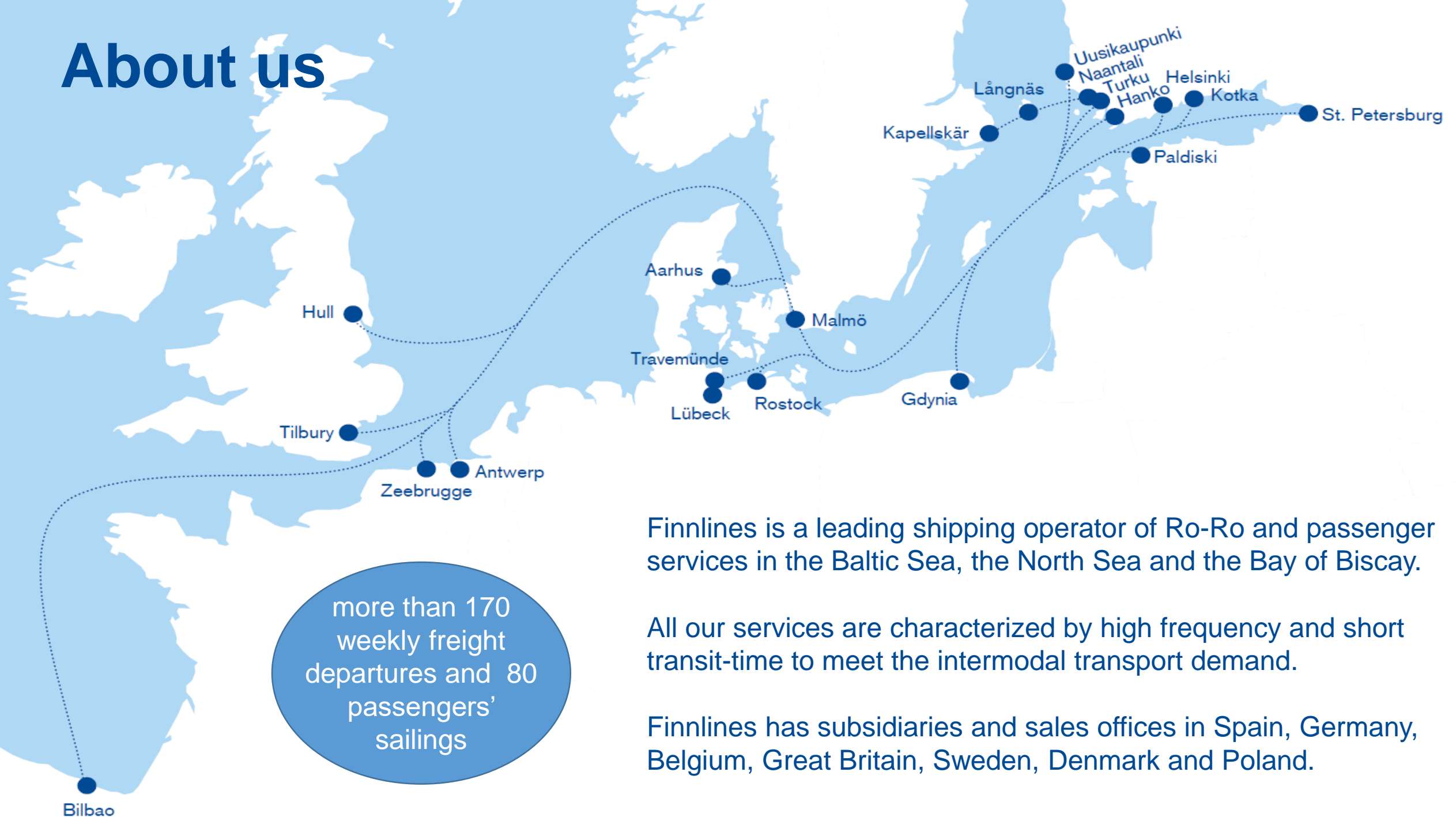
Finlines Plc

“Reducing the carbon footprint”

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16-12-2020, Bilbao



About us



more than 170
weekly freight
departures and 80
passengers'
sailings

Finnlines is a leading shipping operator of Ro-Ro and passenger services in the Baltic Sea, the North Sea and the Bay of Biscay.

All our services are characterized by high frequency and short transit-time to meet the intermodal transport demand.

Finnlines has subsidiaries and sales offices in Spain, Germany, Belgium, Great Britain, Sweden, Denmark and Poland.

Highlights of 2019



Mobile, break bulk, containers



1,321,470
(-0,06%)

Cars



165,701
(+2,37%)

Trailers, trucks



619,587
(-2,37%)

Passenger services



665,000
(+1,53%)

Paper and forest products



682,809
(-12,76%)

Highly diversified cargo-mix

↓

Effective asset utilization

↓

Lowest carbon footprint

Environmental Compliance guideline (ICS & ISF):

“The shipping industry is committed to a process of continuous improvement of the design and operation of ships to ensure that they have no harmful impact on the environment.”

The “process of continuous improvement” on a larger scale: INTERMODALITY

Change in the supply chain configuration:

- Delocalization of the productions
- Globalization of the markets
- Need for creation of collection points and distribution centers
- Frequency & Transit time
- Capacity & Competitiveness
- Sustainability (financial and environmental)

From an “industry-specific” setup to a “Mass shipping” concept characterized by:

- *Creation of main transit corridors*
- *Stronger link to the land infrastructures*
- *Intermodal*
- *Financially competitive*
- *Integrated*
- *Digitalized*



Economy of Scale

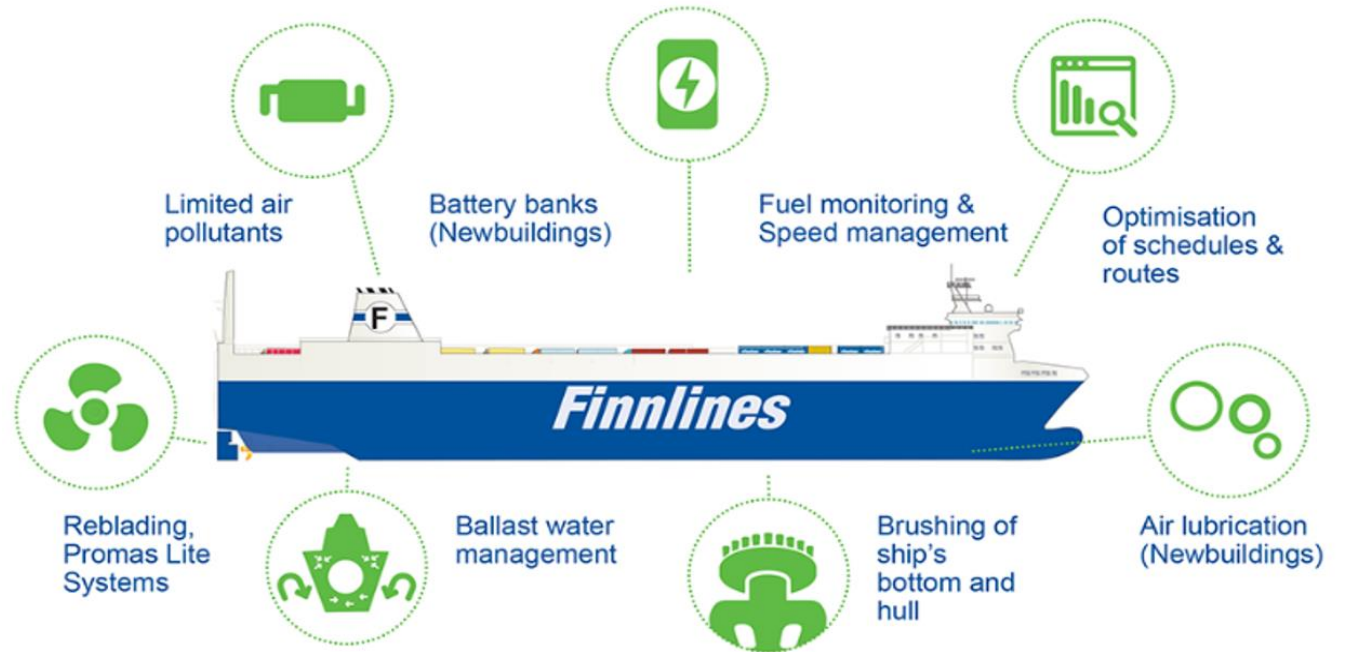
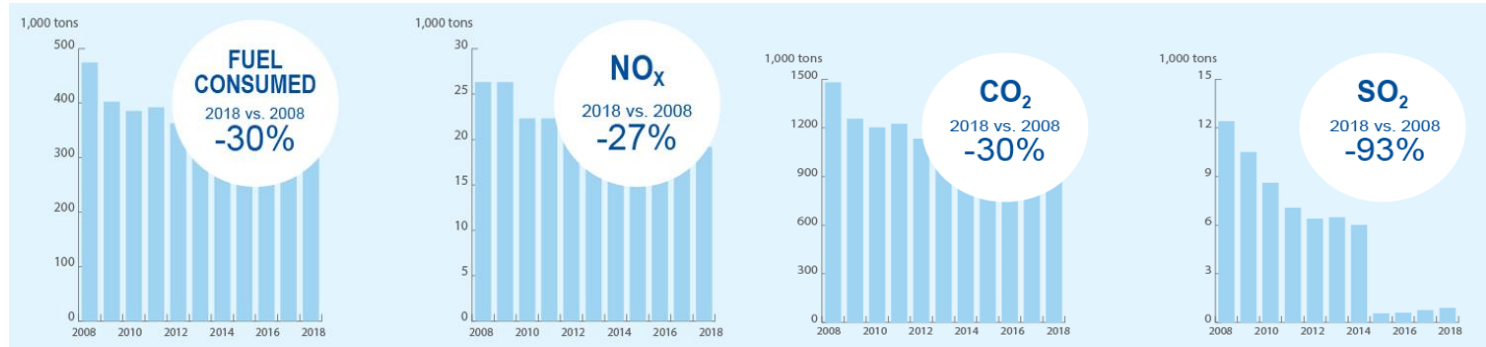
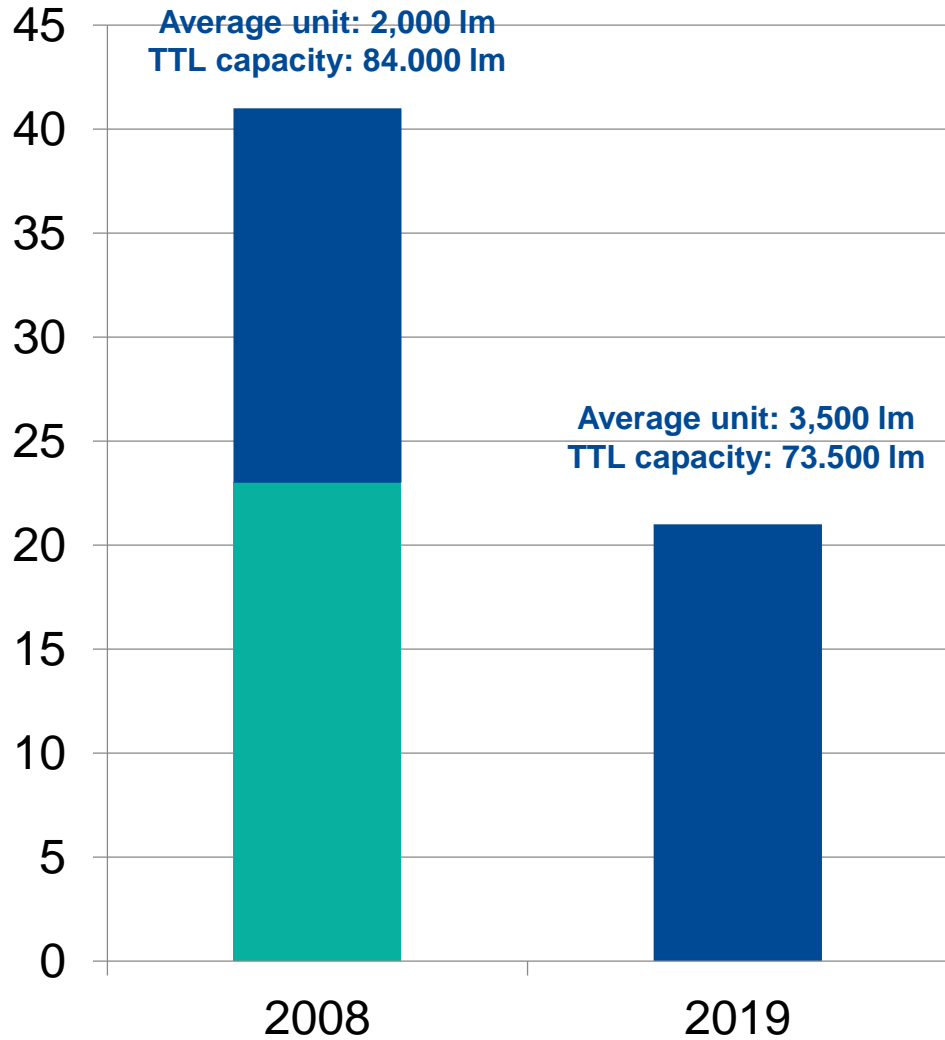
Integrated Supply Chain = Enhancement of the achievable results



Thanks to the achievable economy of scale, shipping can be the most effective way of transport in terms of:

- Carbon footprint impact per unit transported
- Environmental and Social impact
- Safeness
- Transit time
- Competitiveness
- Sustainability
-

The Finnlines experience over the last 10 years



Investment milestones

2015 - 2016



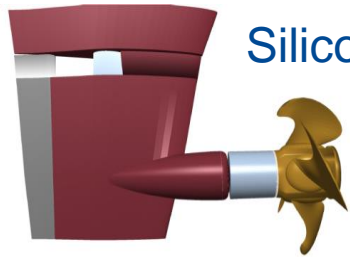
22

Scrubber installations



2

Silicon paint



9

Rebladings

2017 - 2018



29,37 m

217,77 m

6

Ships lengthened
+30% cargo capacity

2021 - 2022



3 New Hybrid Ro-Ro (delivery 2022)

2 New Hybrid Ro-Pax (delivery 2022)



Target:

2018 vs. 2008
CO₂

-30%

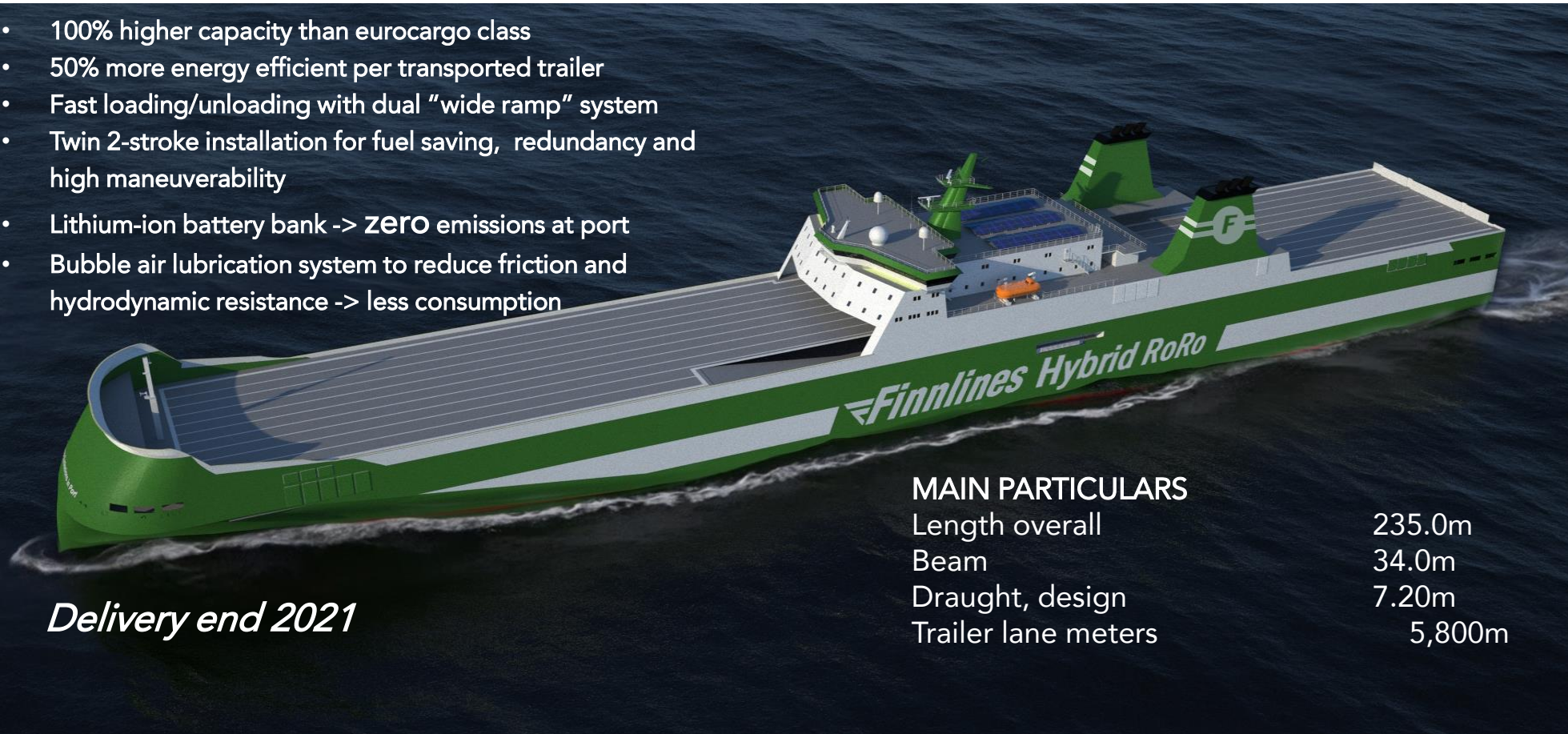


2050 TARGET
absolute
CO₂ reduction

-50%

The Finnlines long term sustainable investment plan

- 100% higher capacity than eurocargo class
- 50% more energy efficient per transported trailer
- Fast loading/unloading with dual "wide ramp" system
- Twin 2-stroke installation for fuel saving, redundancy and high maneuverability
- Lithium-ion battery bank -> ZERO emissions at port
- Bubble air lubrication system to reduce friction and hydrodynamic resistance -> less consumption



Delivery end 2021

MAIN PARTICULARS

Length overall	235.0m
Beam	34.0m
Draught, design	7.20m
Trailer lane meters	5,800m

“The vessels will be among the most modern and the most environmentally friendly ships in the Baltic Sea”



GRIMALDI GROUP

Thank You

A large, white, stylized 'F' logo is visible on the side of a ship's hull, which is painted in blue and white. Below the 'F', the word 'finnlines' is written in a white, lowercase, sans-serif font. The ship's hull is the background for the right side of the image, showing a perspective view of the vessel's side.