



GRIMALDI GROUP

Finnlines Plc,

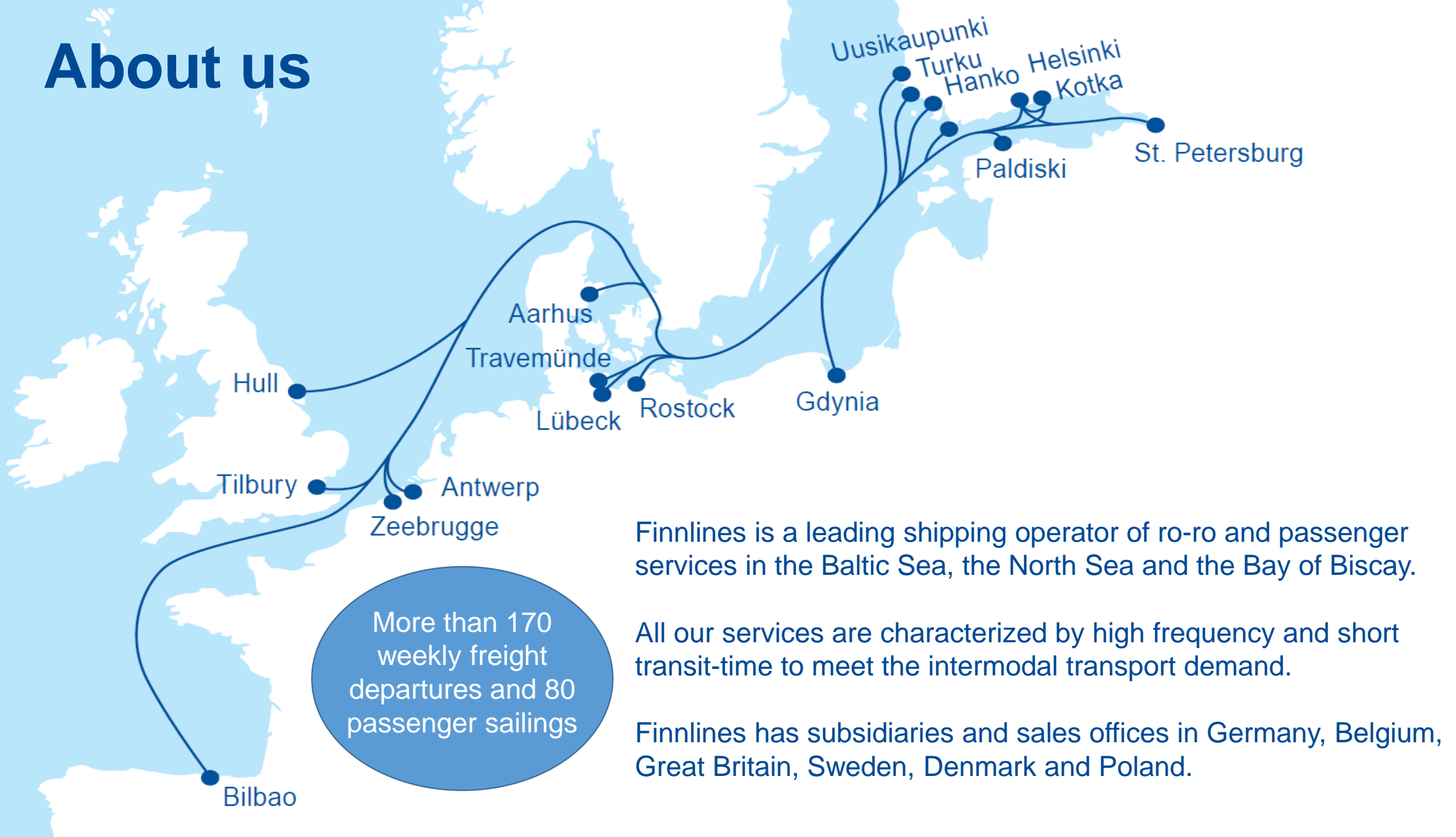
“Towards a sustainable intermodal supply chain”

Bilbao, 11-11-2021

Blasco Majorana



About us



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

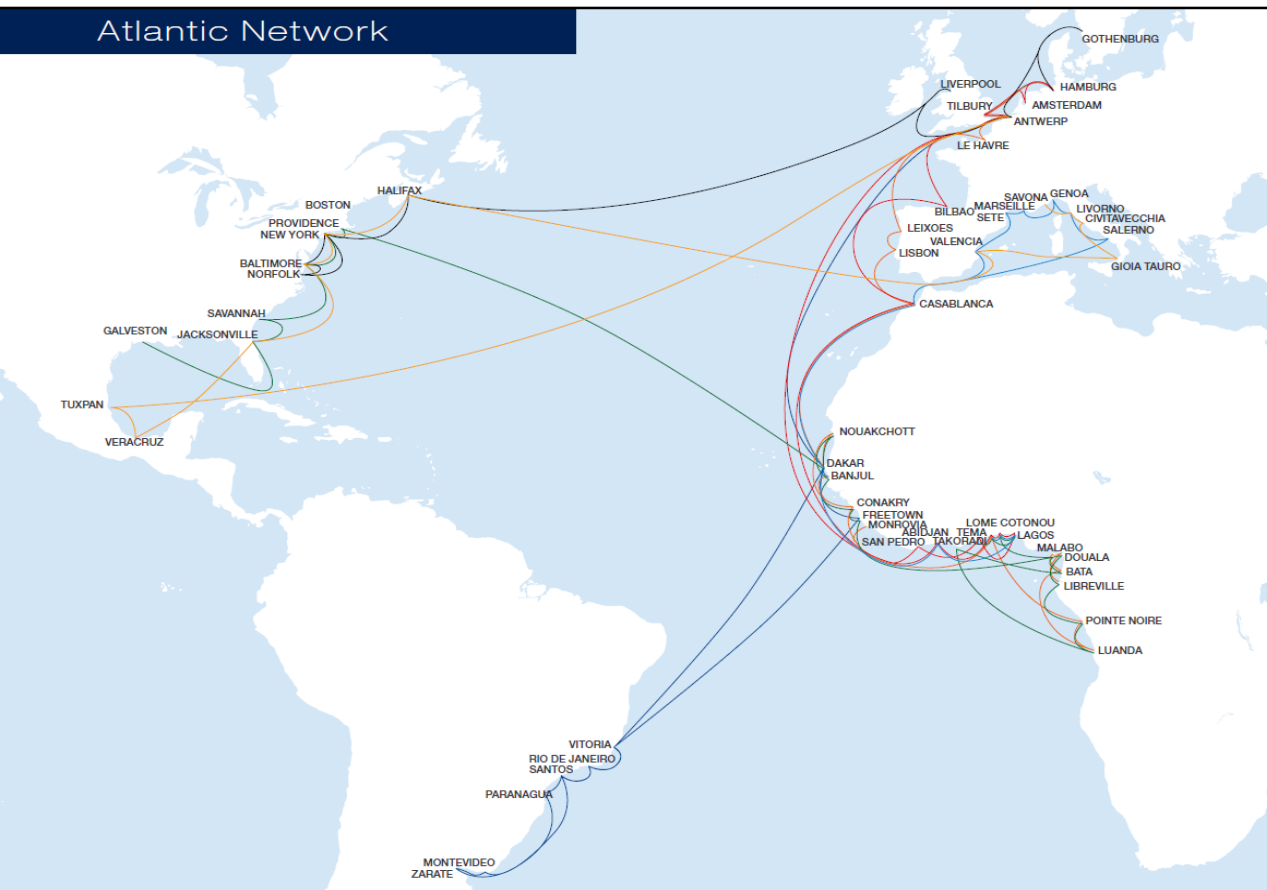
All our services are characterized by high frequency and short transit-time to meet the intermodal transport demand.

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

About us

The affiliation to the Grimaldi Group enables Finnlines to offer liner services to and from any destination in the Mediterranean, West Africa as well as the Atlantic coast of both North and South America.

Atlantic Network



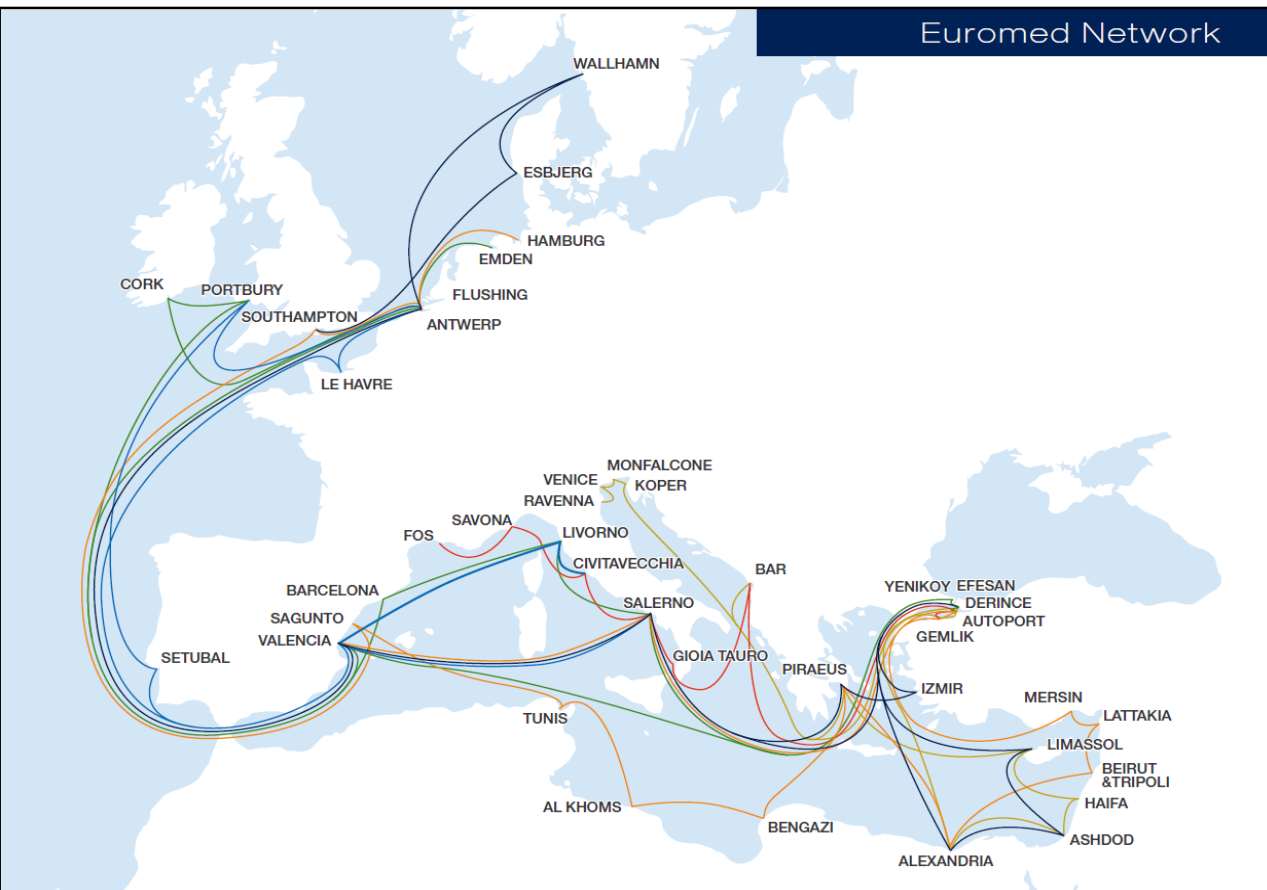
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Countries connected

1

Largest European
ro-ro and ro-pax operator

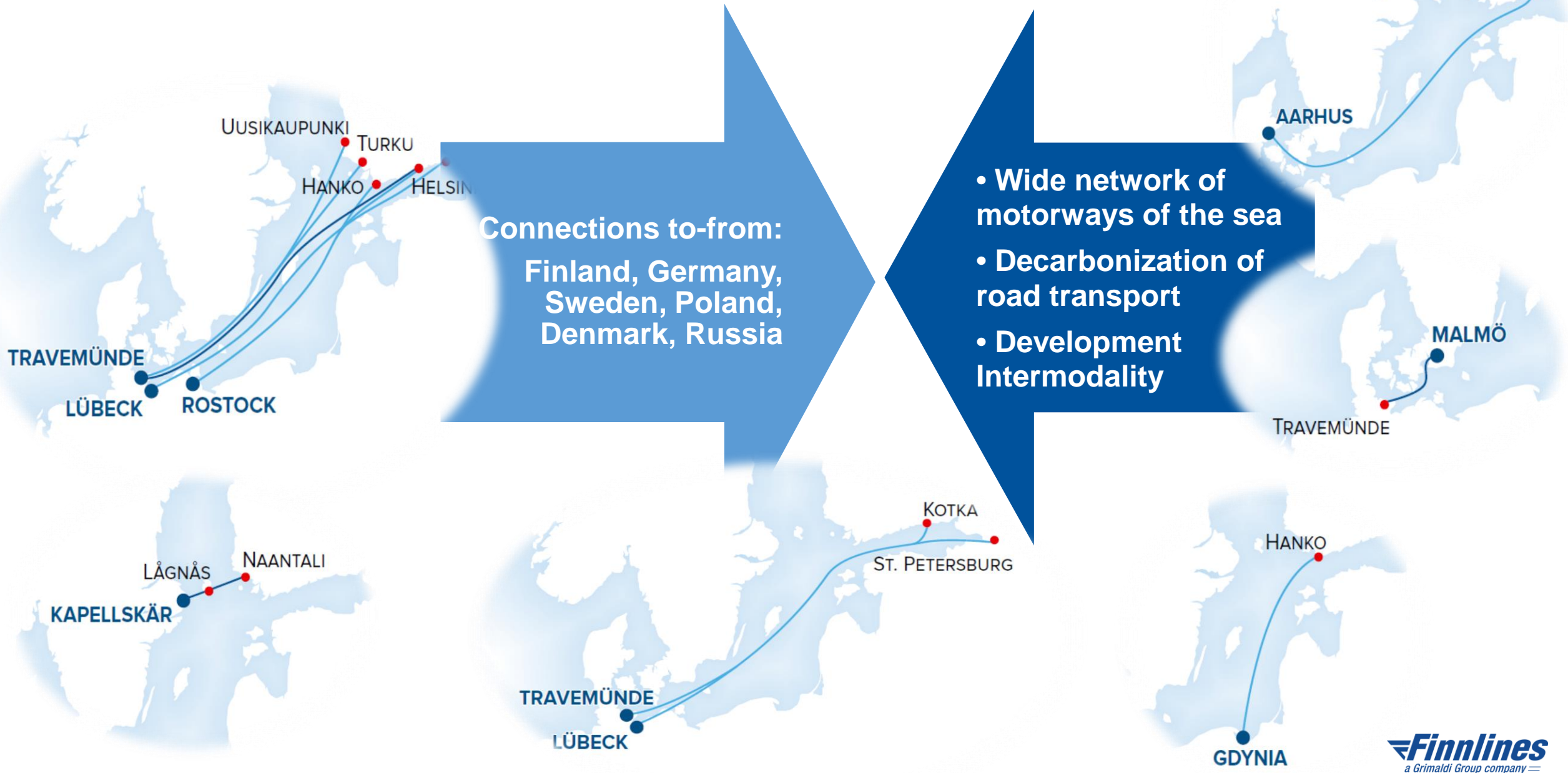
Euromed Network



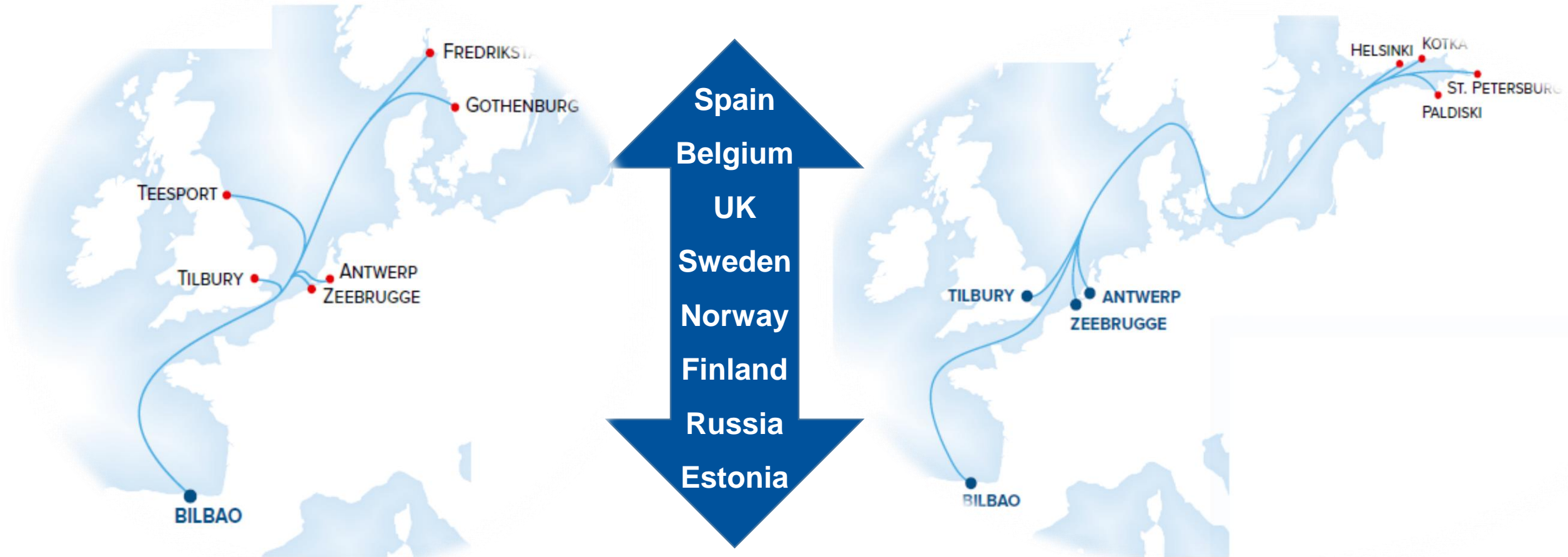
134

Vessels owned

The Baltic Network:



The North-Sea Network:



**Finnlines' ambition is to become the reference partner in the multimodal transport segment.
We offer flexible solutions to combine different cargo needs together with enhanced economy of scale**

Highlights of 2021^(est): Cargo mix



Containers



85,00 (teu)
(+8%)

Cars



165,000 (u)
(+7%)

Trailers/Lorries



732,000 (u)
(+9%)

Passengers



94,700 (u)
(+40%)

Forest/BB/Roro



1,400,000 (t)
(+27%)

Highly diversified cargo-mix



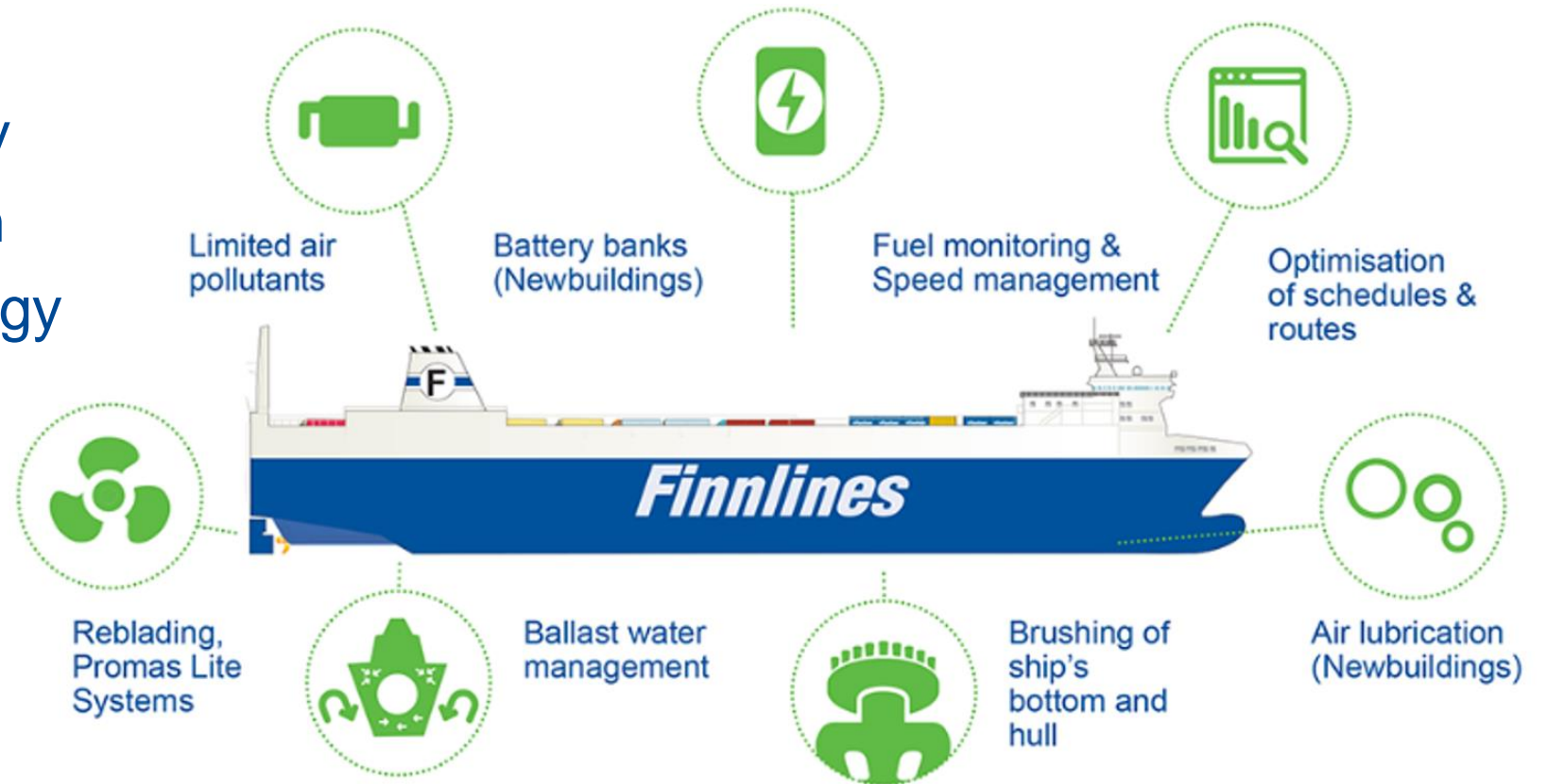
Effective asset utilization



Lowest carbon
footprint

Responsible operations:

- Improving energy efficiency
- Reducing fuel consumption
- Investing in green technology
- Improving air quality
- Schedule optimization
- Running optimal speed
- Load and trim verification



Investments in sustainable development:



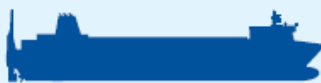


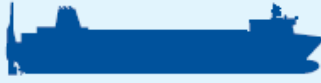















19 
vessels equipped with
emission abatement systems

6 
ro-ro vessels
lengthened

5 
new vessels to enter
traffic from 2021 onwards

Evolution of Finnlines' Ro-Ro vessels

Sustainable
evolution of
Finnlines'
ro-ro vessels

	Year of Built	Service Speed [kn]	Gross Tonnage	Energy Efficiency Technologies	kg CO ₂ / nm x GT
Birka Exporter  In Finnlines traffic 2007–2008, chartered	1991	14.7	6,620	-	29.4
Baltica  In Finnlines traffic 1995–2011, both owned and chartered	1990	17.3	21,224	-	18.5
Finnmill  In Finnlines traffic since 2002, both owned and chartered	2002	19.8	25,731	Scrubber, Reblading  	17.5
Finnbreeze  In Finnlines traffic since 2011, owned	2011	20.0	28,002	Scrubber, Reblading  	15.5
Finnbreeze (lengthened)  Lengthened in 2018	2018	19.6	33,816	Scrubber, Reblading  	13.7
Finneco  First vessel is scheduled to start in traffic by the end of 2021	2021	20.7	60,370	Promas Lite, Scrubber, Batteries, Air Lubrication, Peakshaving, Waste Heat Recovery, Solar Panels, VFD         	7.9

Ultra-green Hybrid Ro-Ro vessels: Zero Emissions

Hybrid ro-ro vessel in comparison to previous Breeze series ro-ro vessel

HYBRID RO-RO VESSEL



238.00 m

BREEZE SERIES RO-RO VESSEL



217.80 m

Length
238.00 m
(217.80 m)

Breadth
34.00 m
(26.5 m)

GT
~60,370
(~33,816)

Speed
20.7 knots
(21)

Lane metres
5,800 m
(4,192 m)

Driver cabins
12
(6)

Increase in cargo capacity **+38%**



Battery banks: lithium-ion battery systems to enable zero-emission operations and to reduce noise in port



Solar panels: 600m2 of solar panels to produce clean electricity to users on board



Promas Lite systems to increase energy efficiency



An innovative air lubrication system to create bubble layers which will reduce friction and hydrodynamic resistance

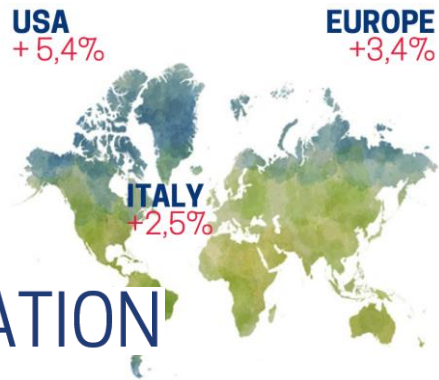


Optimised hull lines to optimise efficiency



Main engines type and size carefully selected to achieve the lowest possible fuel oil consumption

The RoRo sector consistency:



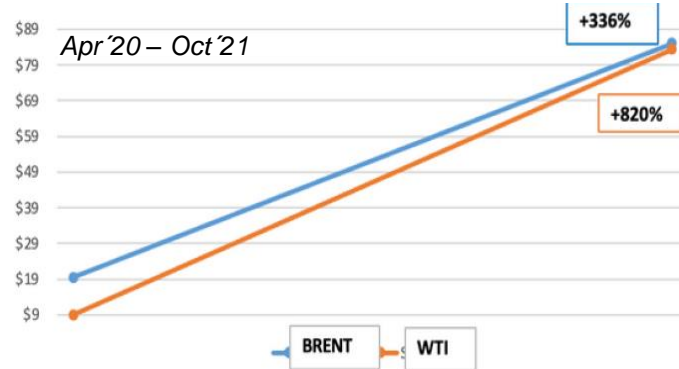
DIESEL PRICE TREND



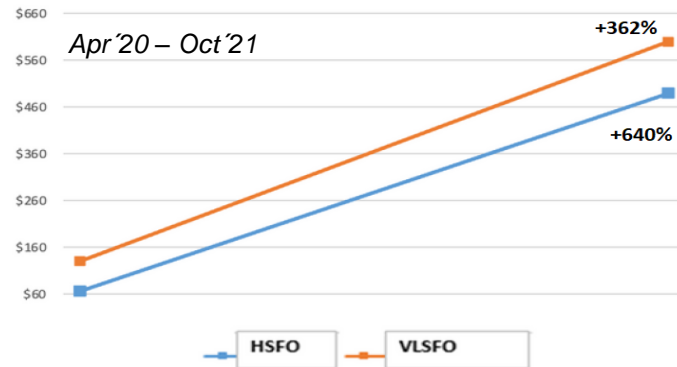
Shortage of skilled labor:

- 17% truck drivers for 2021
- 30.000 drivers per year

CRUDE OIL PRICE TREND



BUNKER PRICE TREND



Freights developmet:



Bulk:
+1.114%



Container:
+450%



RoRo:
+12%



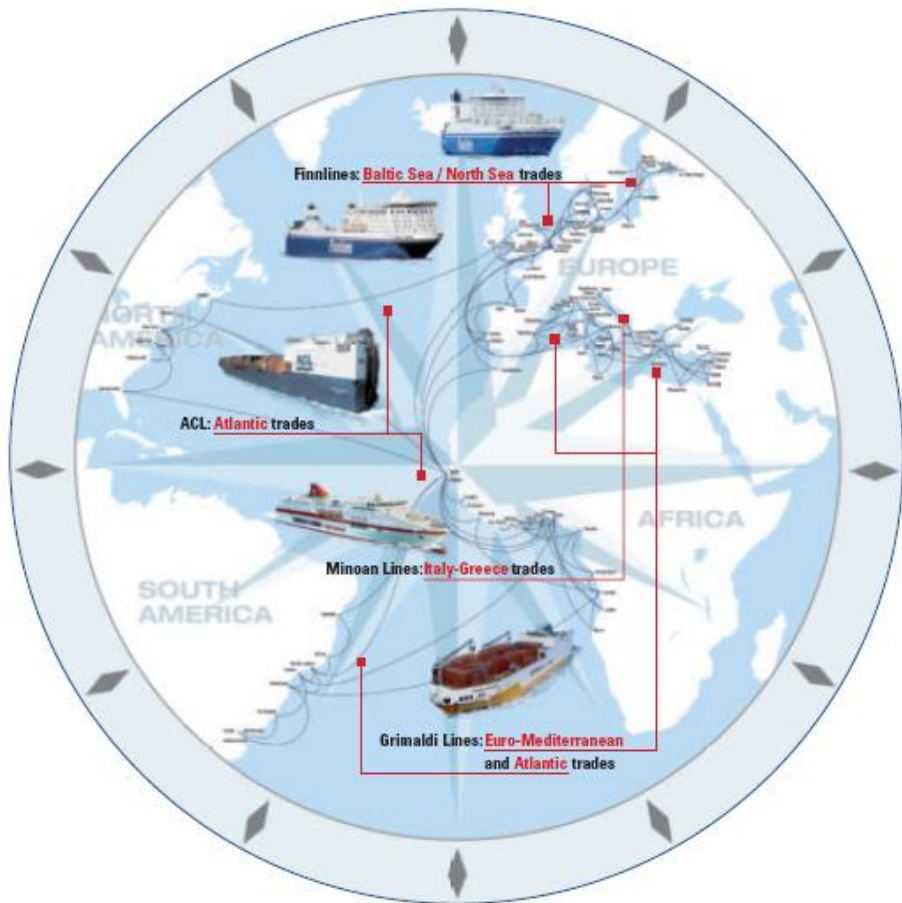
Intermodality

The answer for an efficient supply chain



GRIMALDI GROUP

**OUR NET
WORKS.**



Thank You

