

Mot verkligt hållbar sjöfart

Per Tunell

Sustainability & Business Development

MAX LOAD 320T 50K CLEAR H 2.2"/2.7"/4.6"/4.9"/6.5"

Wallenius Marine



- Family owned company
- Established 1934
- Operating globally

800
employees

70
Designed and
built vessels
since mid -90

25
Managed
vessels

Our vision

“Leading the way towards truly sustainable shipping”



ZERO (Zero Emission ROro)



The roadmap towards our vision



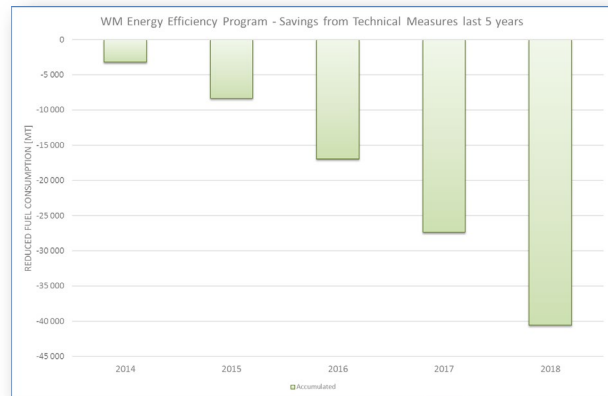
Basis for our new and coming ship designs



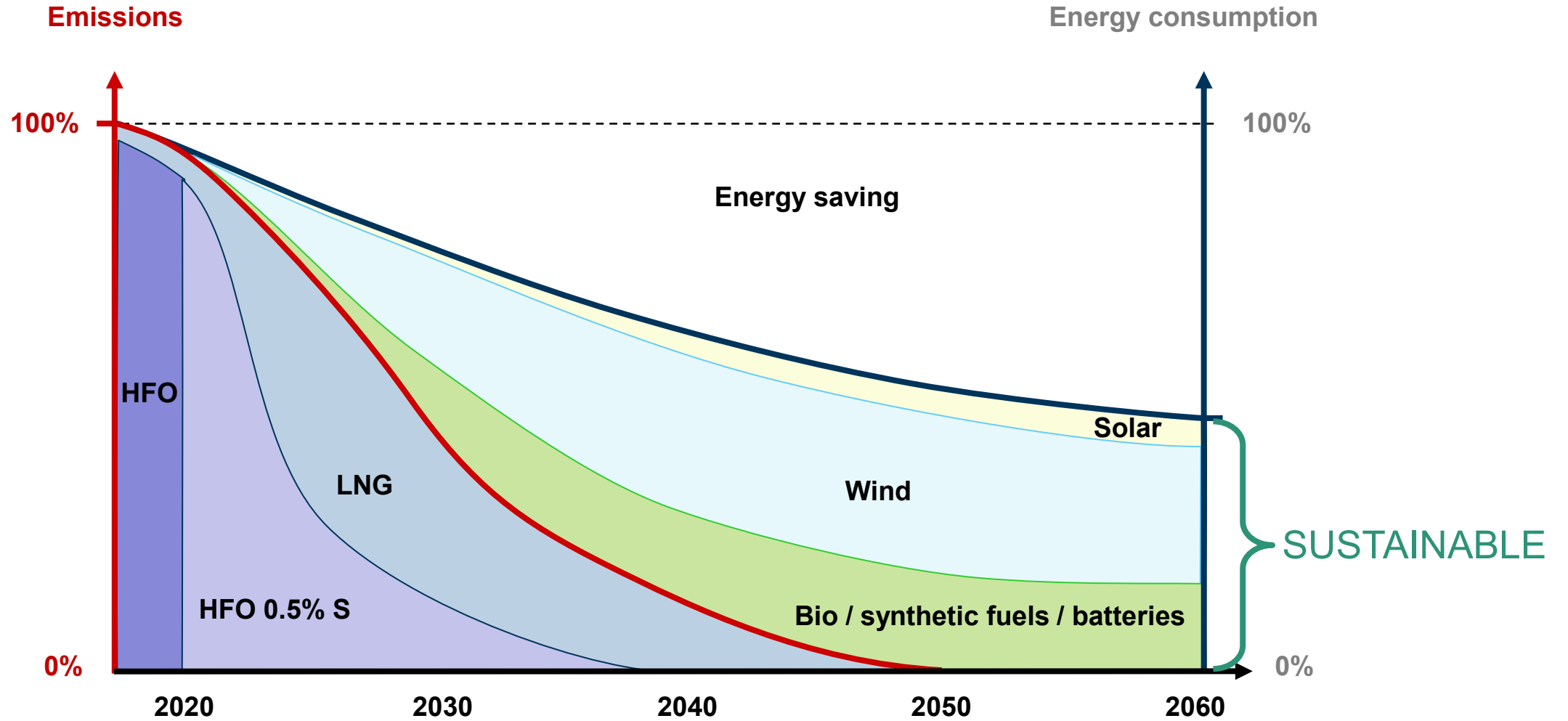
CONCLUSIONS

The emission free ship can be realized only through a combination of:

- Reduced energy consumption
- Emission free energy sources (Wind, sun, waves)
- Emission neutral energy carriers (Biofuels, synthetic fuels....batteries)



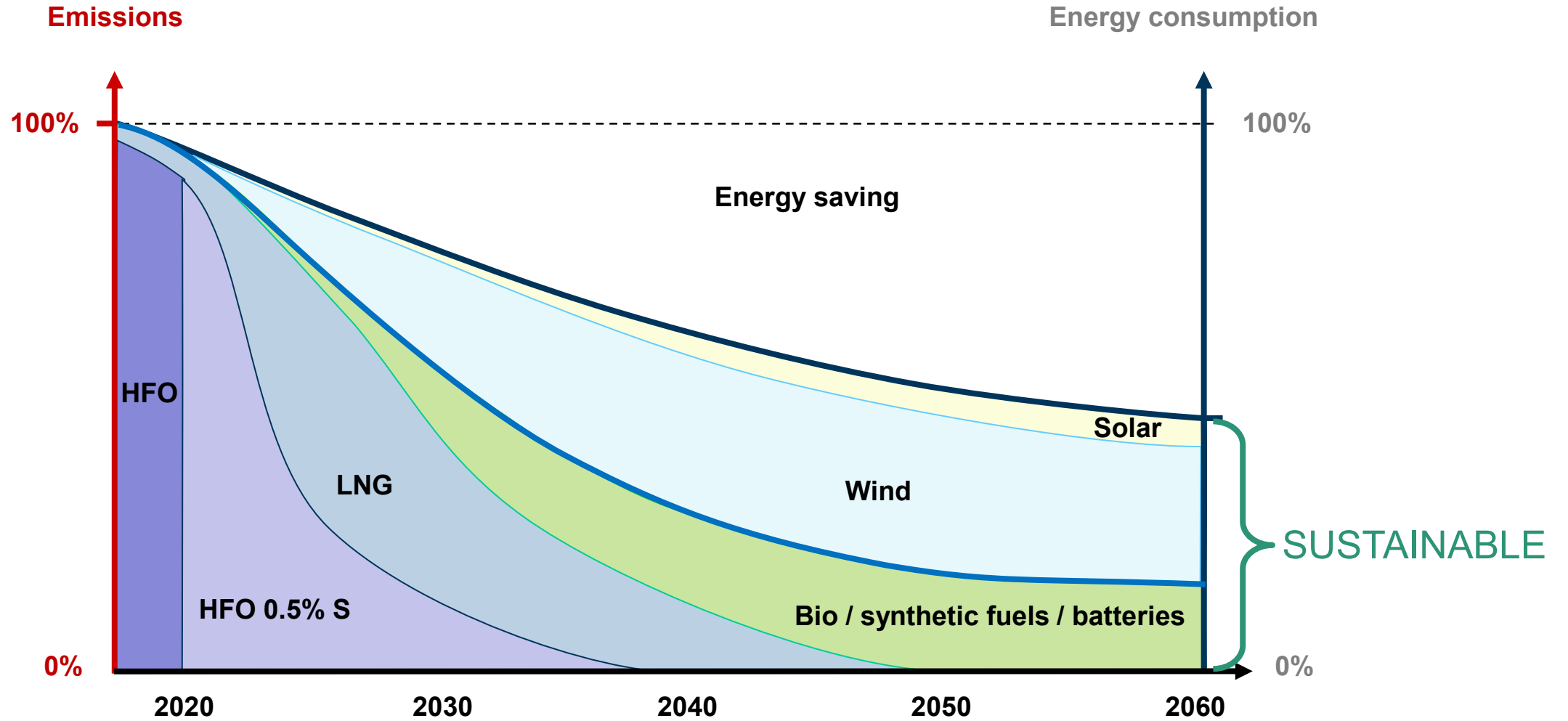
Energy & Emissions roadmap



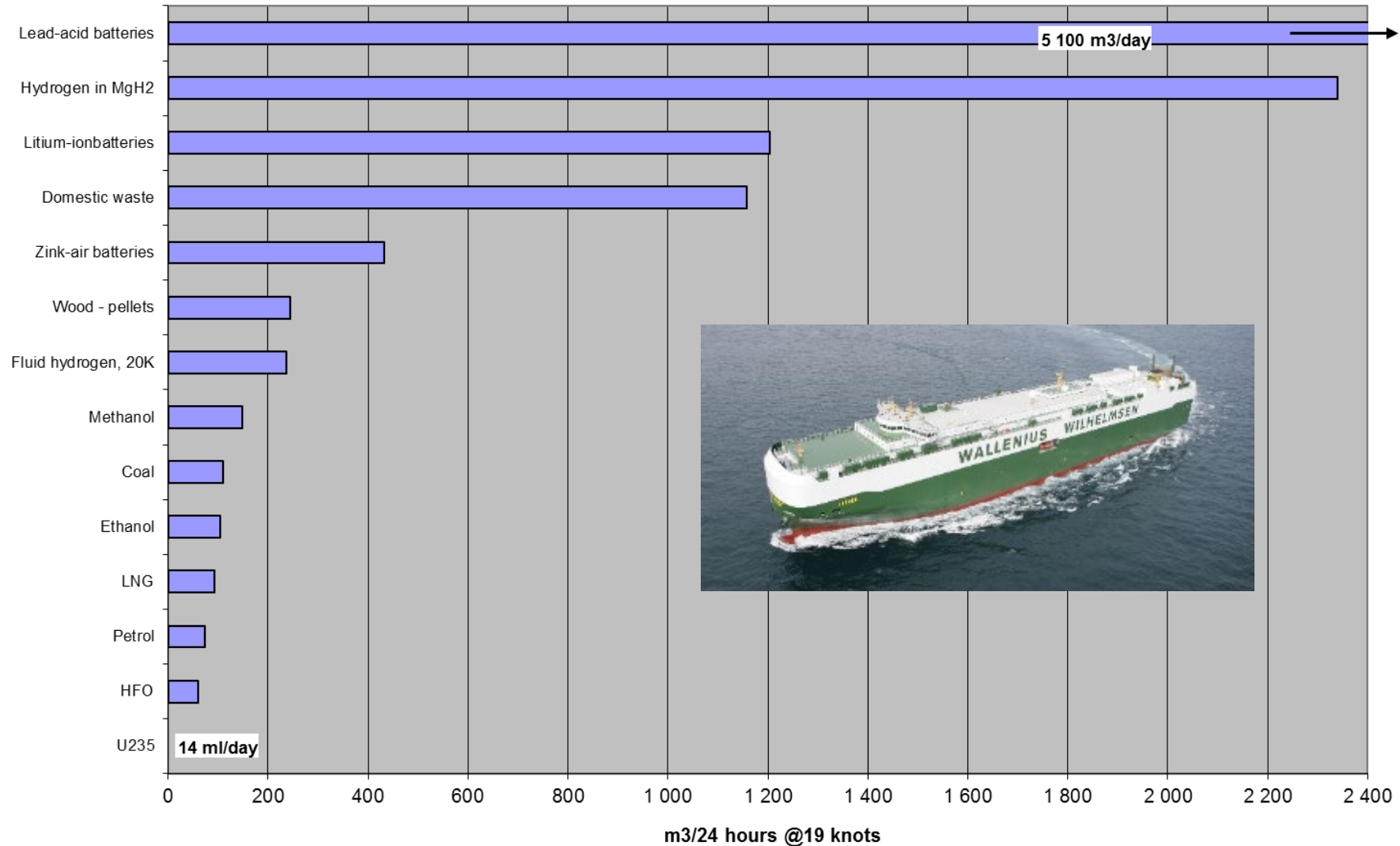


TheOceanbird.com

Energy & Emissions roadmap



Energy storage – m³/day, PCTC @ 19 knots



What are the alternatives

Methane

Methanol

Hydrogen

Batteries

~~Ammonia~~

Baltic Class Newbuildings for Wallenius SOL

2 Ro-ro vessels

CIMC Raffles, China

Capacity: 5,800 LM

Loa: 242 m

Beam: 35.2 m

Multi-fuel propulsion
(Methane/Diesel)

Delivered 2021



Newbuildings for UECC

3 PCTC

Jiangnan Shipyard, China

3,600 cars capacity

Multi-fuel (Methane/Diesel)
Electric hybrid propulsion

Delivered 2021-22



Sleipner Newbuildings Wallenius Lines

2 Ro-ro vessels

CIMC Raffles, China

Capacity: 6,500 cars

Loa: 199 m

Beam: 37.0 m

Multi-fuel propulsion
(Methane/Diesel)

Delivery 2023/24

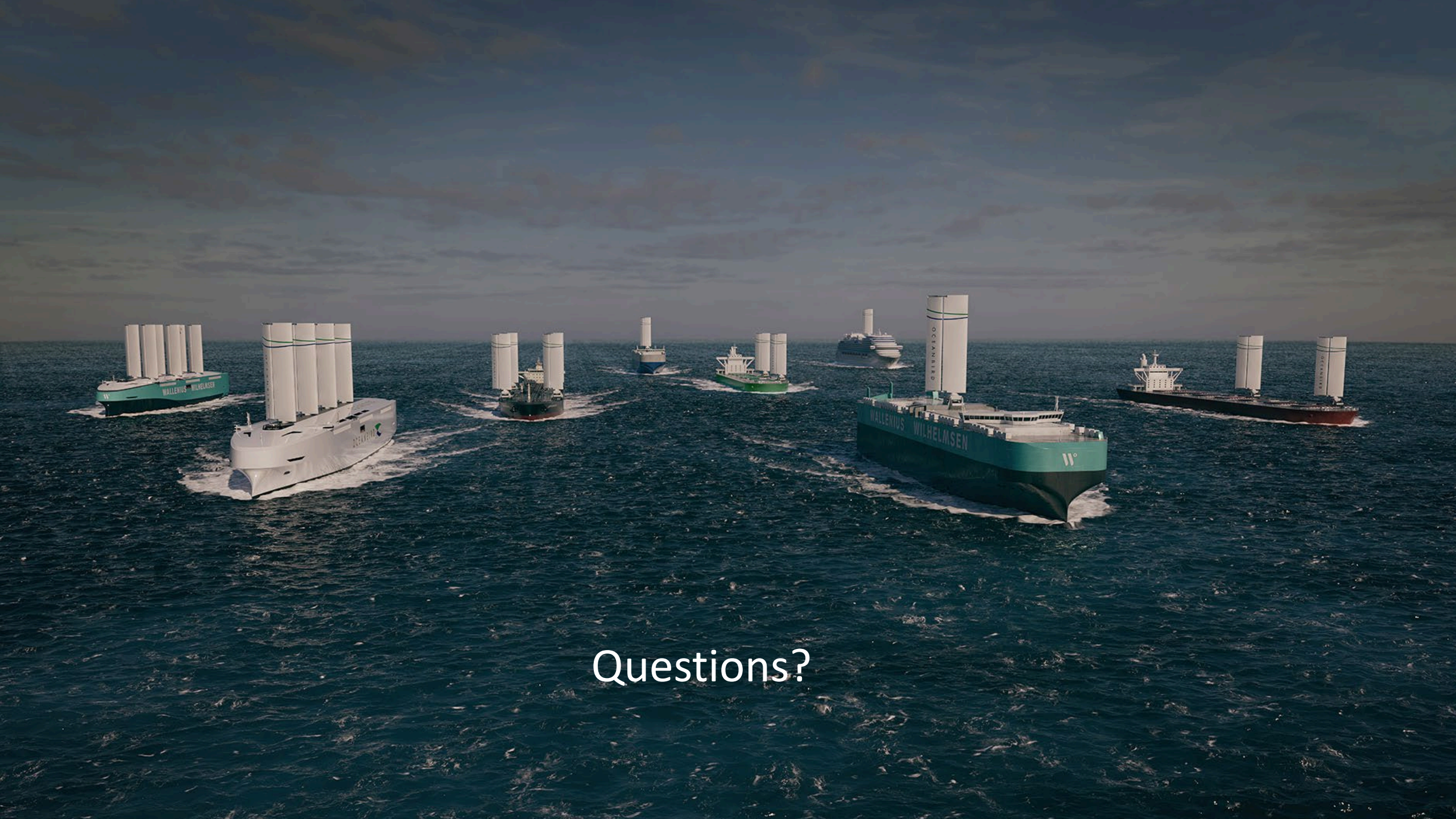




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Questions?