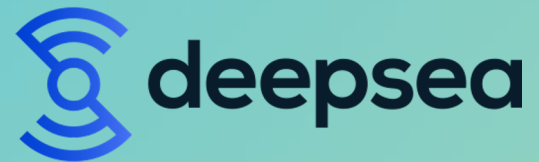


Democratising Decarbonisation

A solution for every company

Roberto Coustas - CEO & co-founder





The challenge

The Commission's proposal to cut greenhouse gas emissions by at least 55% by 2030 sets Europe on a responsible path

UK shipping industry demands net-zero by 2050

The UK shipping industry has agreed that the international shipping sector must pursue a net-zero carbon emissions target by 2050.

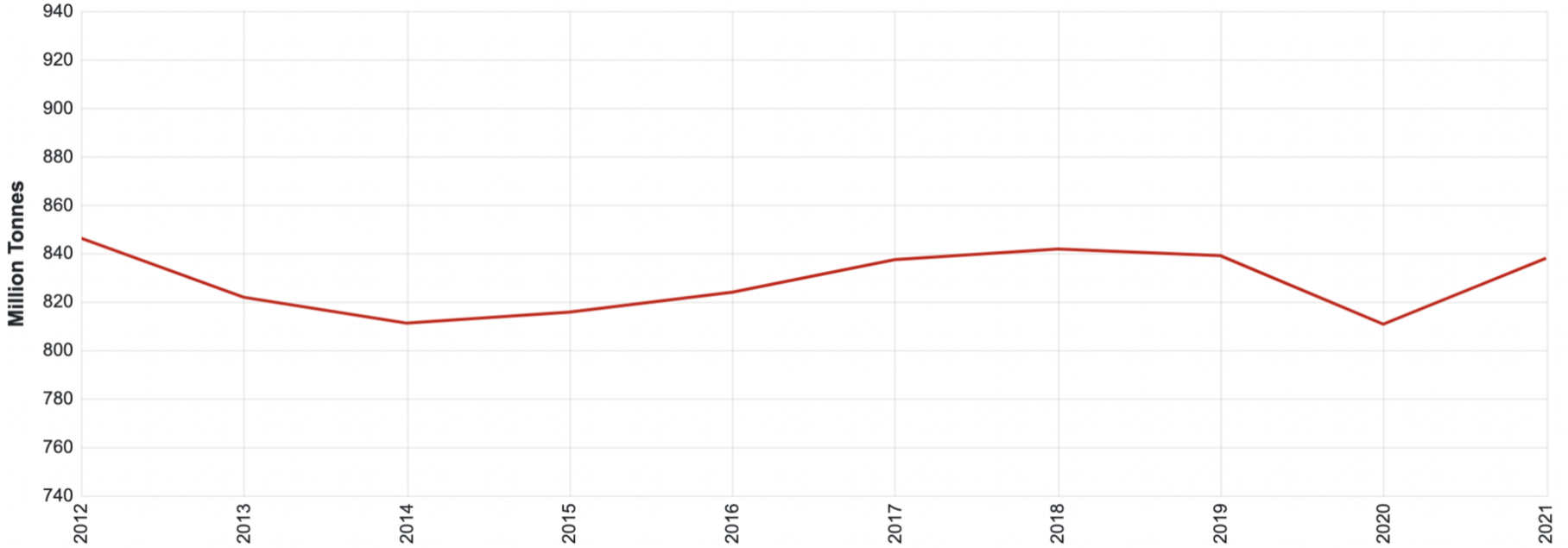
2021 September 20

A global carbon levy can accelerate push towards zero-emission shipping

Maersk CEO Soren Skou calls for fossil-fuelled ships to be phased out

The reality of the industry

Total World Shipping Fleet CO2 Output Million Tonnes



Source: Clarksons Research



What is the biggest obstacle facing decarbonisation in shipping?

Cross-industry collaboration

24%

Regulatory uncertainty

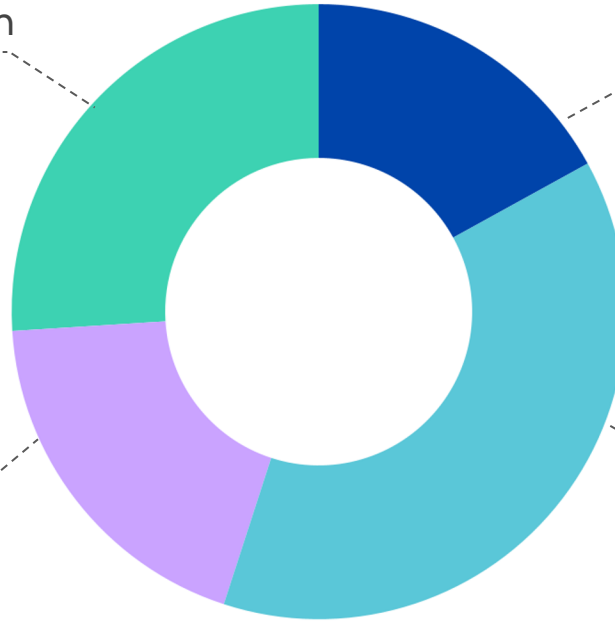
17%

Funding

19%

Unproven Technology

40%

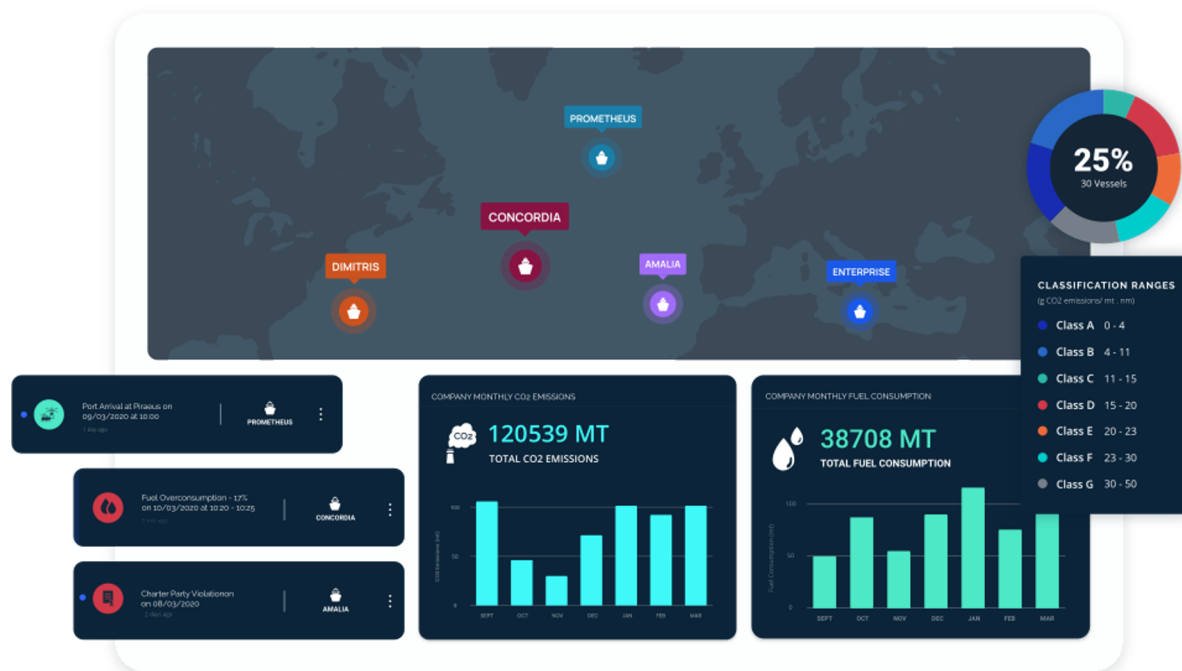


*Poll conducted September 2021

DeepSea: How can we help?

Data-driven optimisation for a greener maritime

Helping shipowners and operators reach their decarbonisation objectives through the right insights.



The reality of the industry

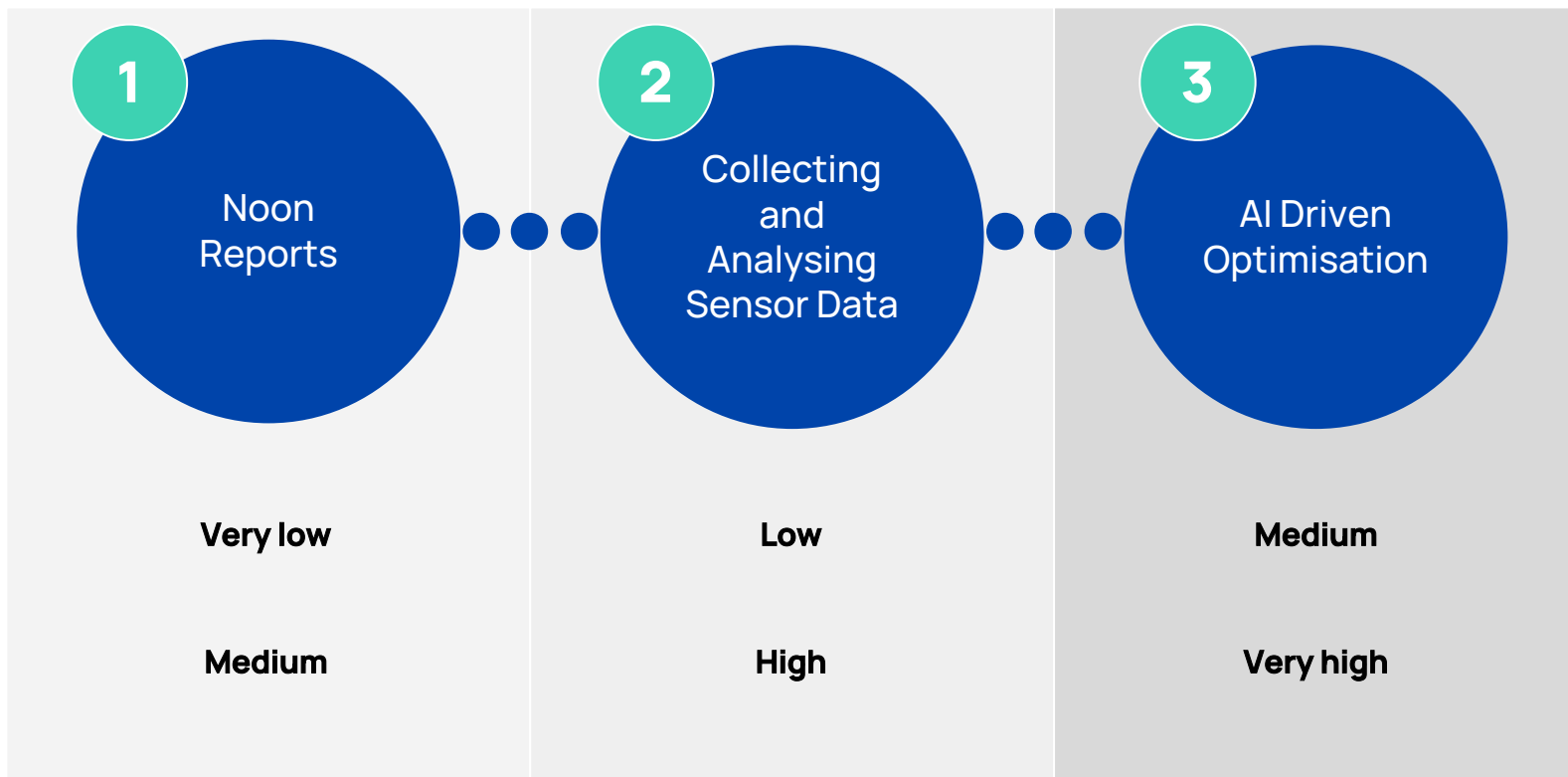


+90% of vessels still using noon reports for environmentally-critical monitoring

1%

The IMO target is 1% improvement this year

This is a journey



1

Collecting & analysing noon reports

+ ADDED DATA

+ ADDED DATA



Outcome:

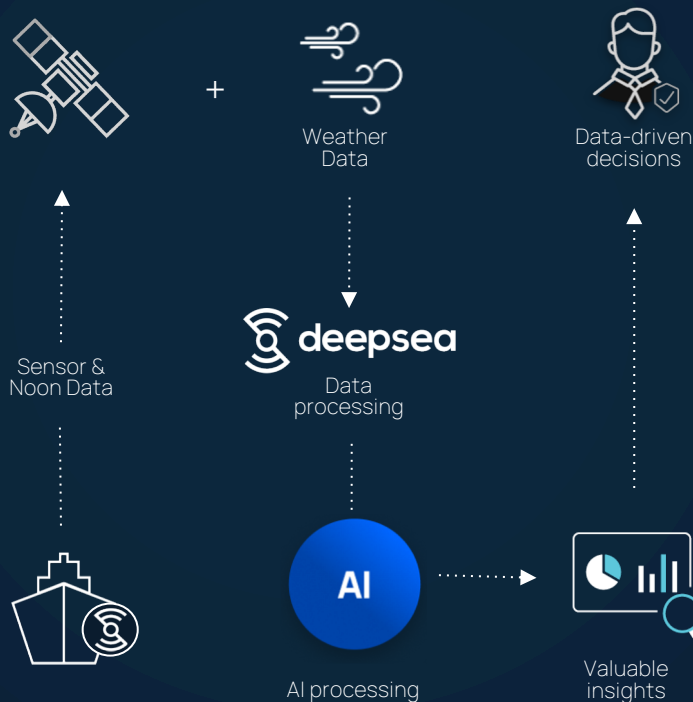
- Advanced validation
- Structured data
- Overconsumption reporting
- Performance insights: fouling, fuel curves, indexing, fleet analysis

EXISTING DATA

2 Advanced vessel optimisation

Level-up the **correct vessels** with **full technical optimisation based on real-time data**

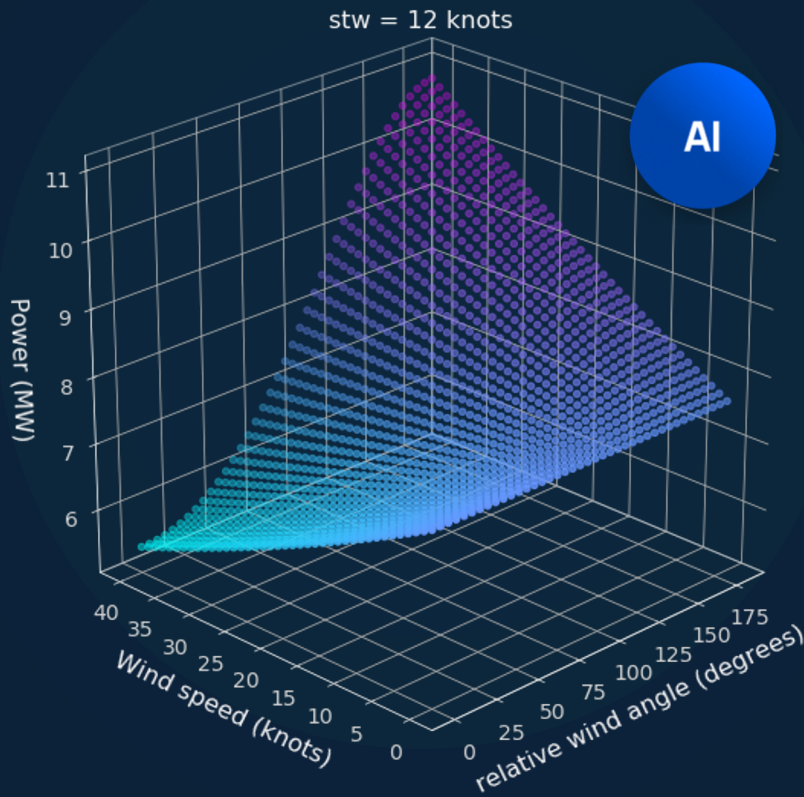
Potential savings:
4%+



3 Advanced voyage & vessel optimisation

A full optimisation approach whereby **all voyages and vessels are optimised using AI**

Potential savings:
10%+

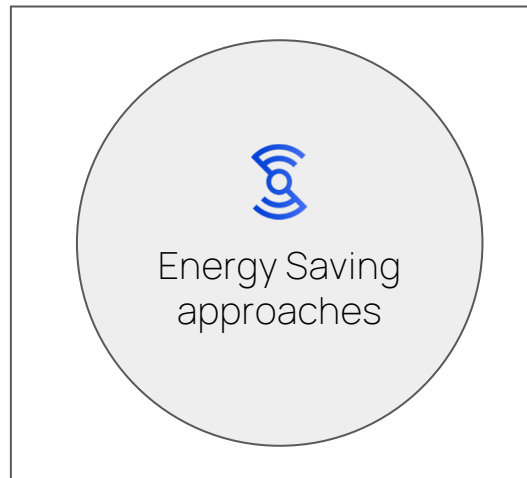
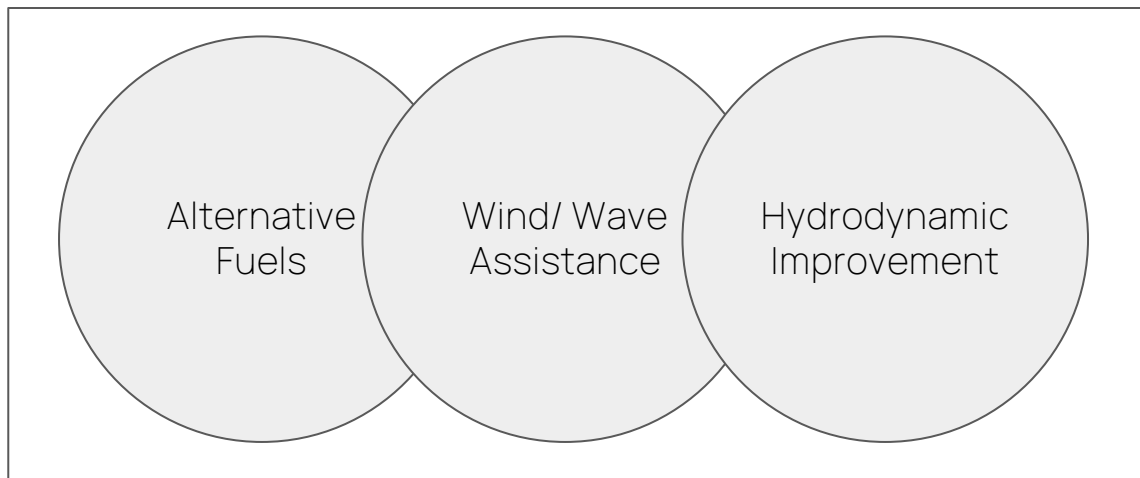


Higher level of investment

Immense impact

Technical and operational optimisation

Vessel efficiency - not an “alternative”



Investment in energy efficiency is not just “one approach” of many.

Regardless of which way the industry chooses to decarbonise.....

efficient vessels are always going to be a requirement.

Thank you!

Questions?

 www.deepsea.ai

