



FLEETM8
MARITIME SOLUTIONS

Brochure | 2022



The shipping industry is responsible for a significant proportion of the global climate change problem. More than three percent of global carbon dioxide emissions can be attributed to ocean-going ships. This is an amount comparable to major carbon-emitting countries — and the industry continues to grow rapidly. Green global initiatives are emerging urgently and the slow adoption of digitalization has put several knots in the value chain and collaboration processes to reach our required targets.

Why is this relevant?

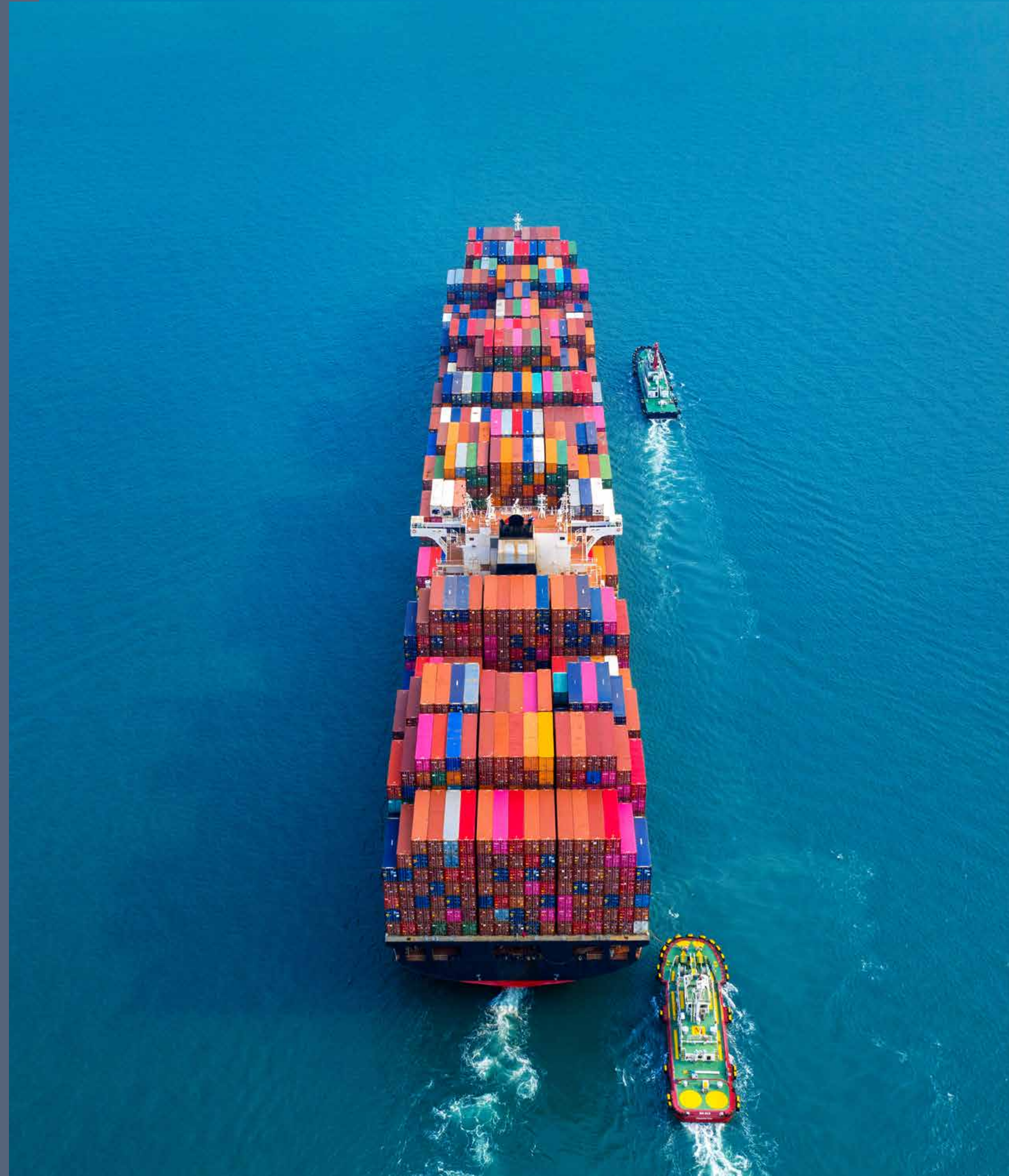
FIT FOR 55

The Fit for 55 package comes against the backdrop of the Paris agreement and is the most ambitious legislation the EU has ever set forth to create a sustainable economy and fight climate change. It will include new measures and targets as well as revisions of existing regulations. It comes with two critical targets:

- A 2030 deadline to reduce emissions by 55% compared to a 1990 baseline.
- A 2050 deadline for carbon neutrality.

AND HOW DOES IT IMPACT THE MARITIME INDUSTRY?

Fit for 55's proposals covers all sectors of the European economy, including maritime. Legal entities that operate in and with EU waters will need to become increasingly agile and responsive. Action in Europe has also spurred the IMO to accelerate its own legislation and adopt more aggressive targets, such as the sulfur fuel regulation in 2020 and what is just around the corner, IMO 2023.





IMO 2023

This new regulation is part of the initial IMO Greenhouse Gas (GHG) Strategy, which aims to reduce the carbon intensity of international shipping by 40% by 2030, and by 70% by 2050 compared with a 2008 baseline level. IMO 2023 is a technical and operational approach adopting several new measures: the Energy Efficiency Existing Ship Index (EEXI) , Energy Efficiency Design Index (EEDI) for new ships, Carbon Intensity Indicator (CII) rating scheme and an enhanced SEEMP, a ship-specific document that lays out the plan of improving the vessel's operational energy efficiency, for the next three years.

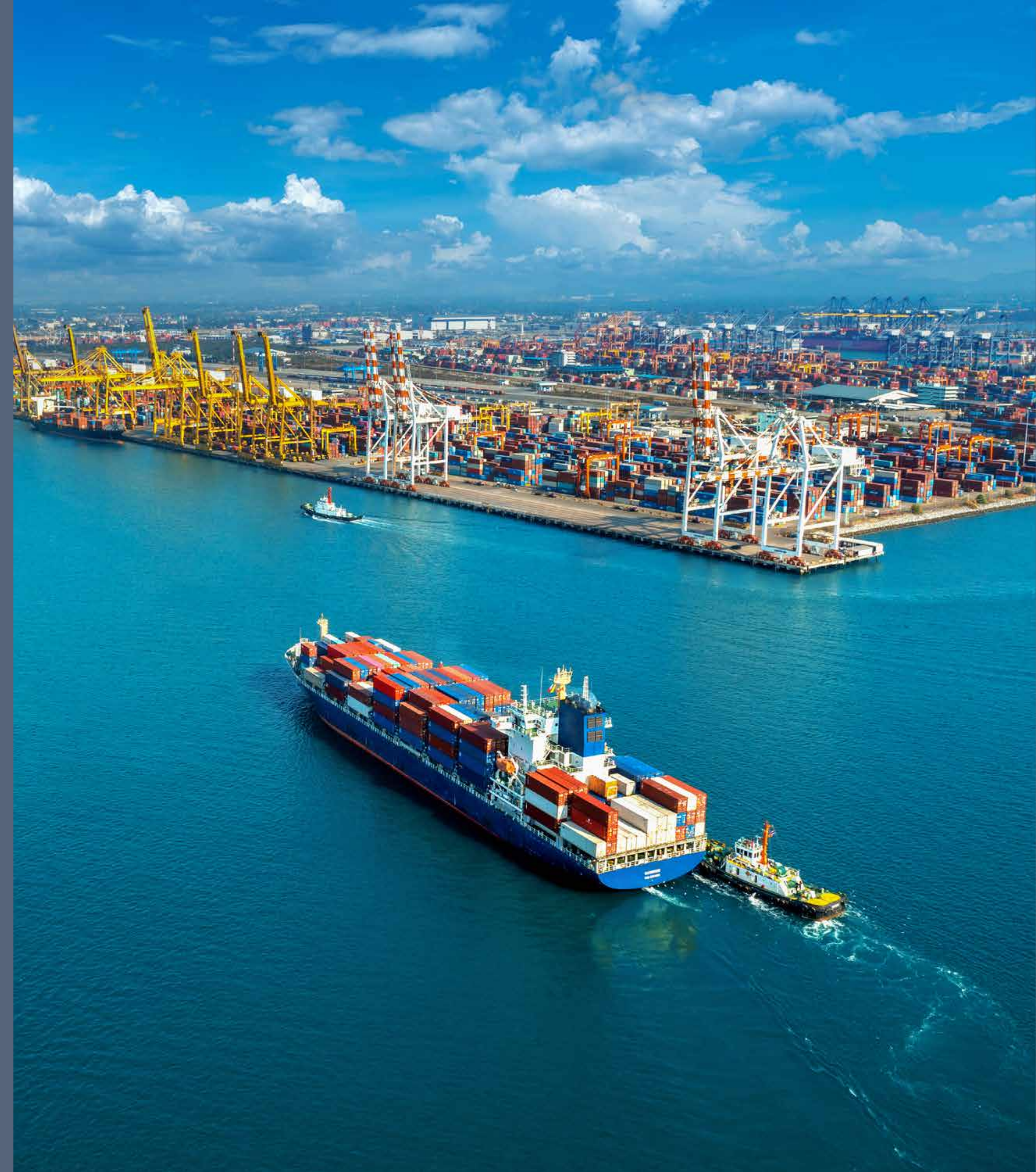
A close-up photograph of a white rope knot on a boat. The rope is thick and braided, with a knot in the center. The background is a blurred blue sky and sea. The text "WE UNTIE THE KNOTS!" is overlaid in white, bold, sans-serif font across the middle of the image.

WE UNTIE THE KNOTS!



The achievement of set global targets will only be reached through collaboration on a common basis. Sustainability reporting standards like the GRI 300 are being adopted to a greater extent but a lack of ease in defining and getting access to data points for organizations is evident.

A rapid shift in mindset and improved communication between all stakeholders will be key to driving progress and that is precisely what our solution aims to enable, on a whole new level.



Our Solution

- **Digital documentation module**

- Deck Log book
- Engine Log book
- Waste Log book
- Oil Log book
- Policy Checklists



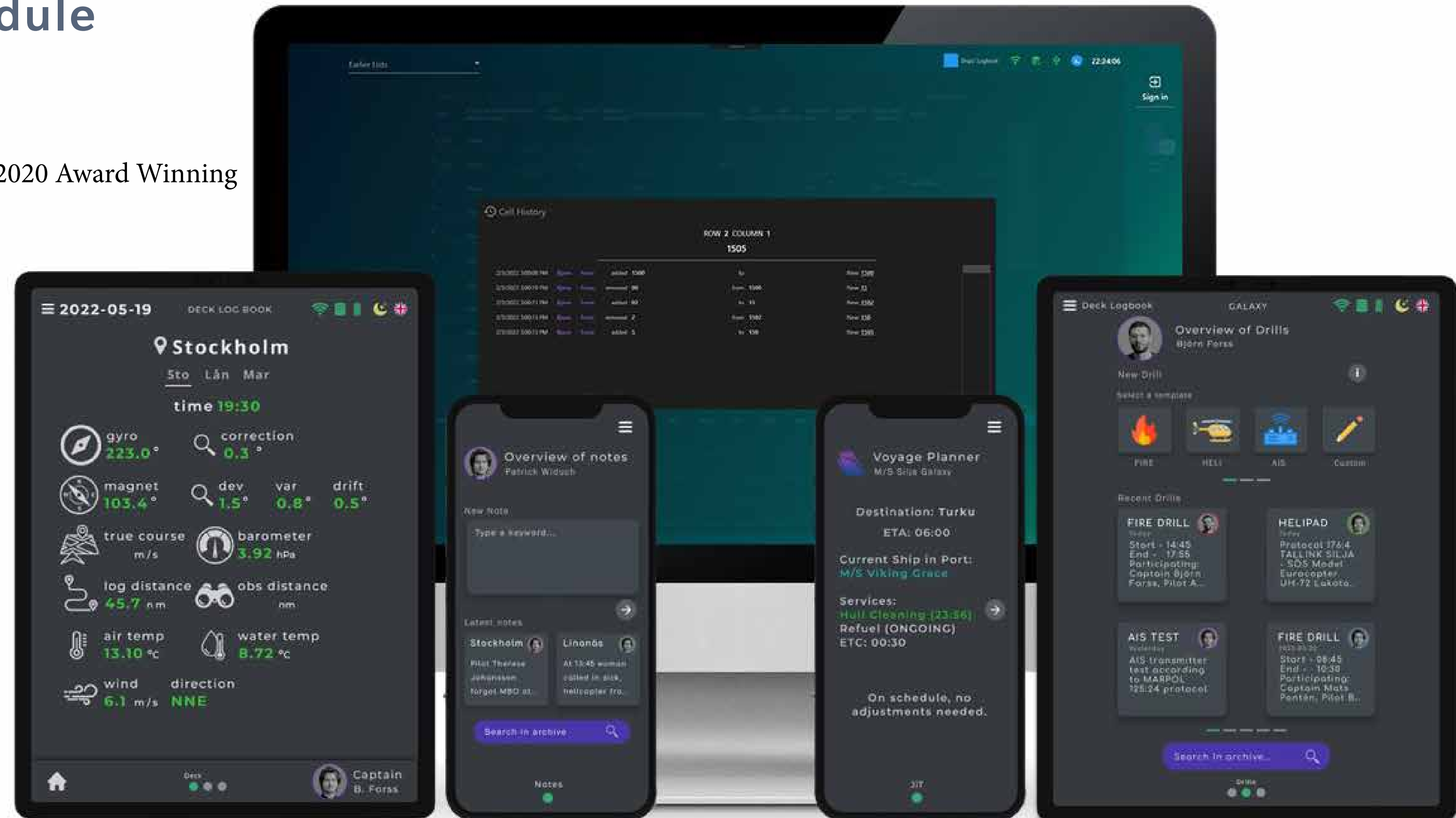
2019, 2020 Award Winning

- **Just-in-Time module**

- Port Planner
- Real time speed adjustments to lower emissions
- Real Time ETA's

- **Carbon Marketplace**

- Industry specific
- Net zero goal



- **Data Driven & Secure**

Optimize, predict and visualize

- **UX Centric**

Workflow based customization for each user or crew

- **SaaS Model**

Lower hurdle, increased liquidity

- **AI powered data analysis**

Insurance, fuel and ocean management





Advanced Simplicity

We are firm believers that complex handling and computation of data in the back-end should never leak through to the front which is why our user interface and experience remains state of the art. The MIRO-approach (Minimum Interaction Relevant Only) makes sure our platform remains a reliable asset for every user and stakeholder.



Data Driven Future

Our vision is an All-In-One solution where the maritime connects globally. Through shared insights and collaboration, common goals will be achieved and improvements will grow with the pace of increases in userbase. We will see continuous implementation of IoT which in combination with AI will create increasingly accurate predictions and provide conclusions to be displayed and used by relevant stakeholders. The Fleet Management of tomorrow is just around the corner and we welcome everyone to be a part of it.



Service master calls Ahead of Time to Port
Port schedule and notifications to incoming ships
Ships adjust speed to arrive Just in Time
Cost efficient port service execution
Ship departs



For Ports

Port Planner keeps track of all incoming and outgoing ships around the clock with a new detailed live feed from ships running Fleetm8 onboard. Incoming ships can easily schedule required services ahead of time or use master calls for passing of other information, providing ports with the necessary data to prepare and find the best cost alternatives.

Ports will also be able to monitor a live status of available, ongoing and upcoming service feeds and generate queues which will notify incoming ships in case of schedule delays and suggest speed adjustments to reap the full value of Just in Time shipping. Connected ports will see an increase in capacity and lower costs. AIS is a suitable market proxy for ships that are not running Fleetm8 onboard.

For Ship Owners

Fleetm8 Log will leap your organization and ships in to a data driven, fully flag state and policy compliant mode with state of the art reporting of maritime events and fleet management. With an offline-first software onboard you are guaranteed around the clock functionality through automatic sensor and manual entries. The data is further processed through our AI models for optimizations and calculations of regulation and reporting standards such as scope 1 emissions in the GRI 305 and carbon intensity indicator.

Through the JiT module an information outflow of master calls with the ships service needs or other important information to the upcoming port or ports . Simoultaneously, a data inflow of schedule delays and speed recommendations from the port is available on board.

Oh and yeah, the software is also personalized around routines for working crews on individual ships to maintain an effective work flow or expose operational flaws.

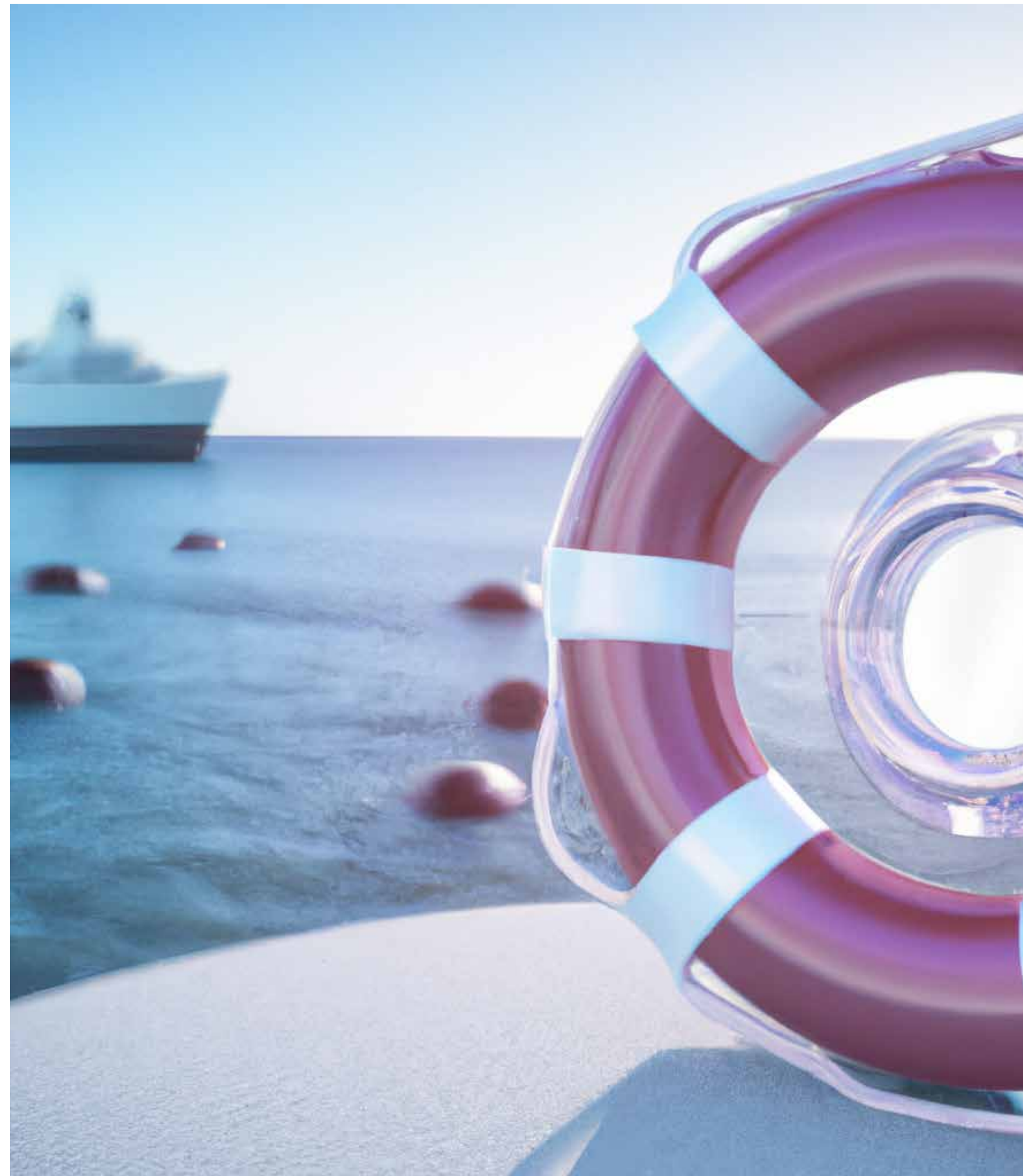


For Insurance Companies

A transition from traditional pen and paper logging to a fully digital system not only comes with all technological benefits. The platform itself will work as a controlling instrument on board to subconsciously reduce human errors.

Enhancing vessel operational profiles through our big data bank will create new benchmarks that can be compared against all kinds of dynamic risk factors and shed a brighter light on portfolio volatility and asset assessment at sea.

We contribute to further process automation, IoT and a willingness of interdependancies within the maritime industry to create data driven smart insurance services with dynamical pricing which can unlock untold value.





Net Zero Marketplace

The global voluntary carbon market is estimated to grow to approx \$50B by 2030 as many industries race to achieve their net zero commitments. Yet, organizations do not always know how to build a carbon credit portfolio — or even where to start. What's more, the path to purchasing carbon credits is complex, and buyers want to trust that the carbon credit projects have a positive impact.

A carbon credit marketplace specific for the shipping industry is planned to be made available and integrated in the Fleetm8 platform, empowering any organization to take climate action on their journey to net zero without halting ongoing or upcoming operations.

Project Plan 01/01/23 - 30/06/23



MVP utvecklad
höst 2022,
redo Jan 2023.



Tidiga slutsatser
från AI modeller,
samt indexkalkyl.
3 mån utvärdering



Optimering av
flöde och
tillägg av nya
funktioner (ex
fler
hamn tjänster)



Testning med
pilot
(hamn, rederi)



Förbättrade
algoritmer,
utsläppskvanti
fiering



6 mån
utvärdering.
Test/Pilotperio
d över. Skala
och sprida.

Feb

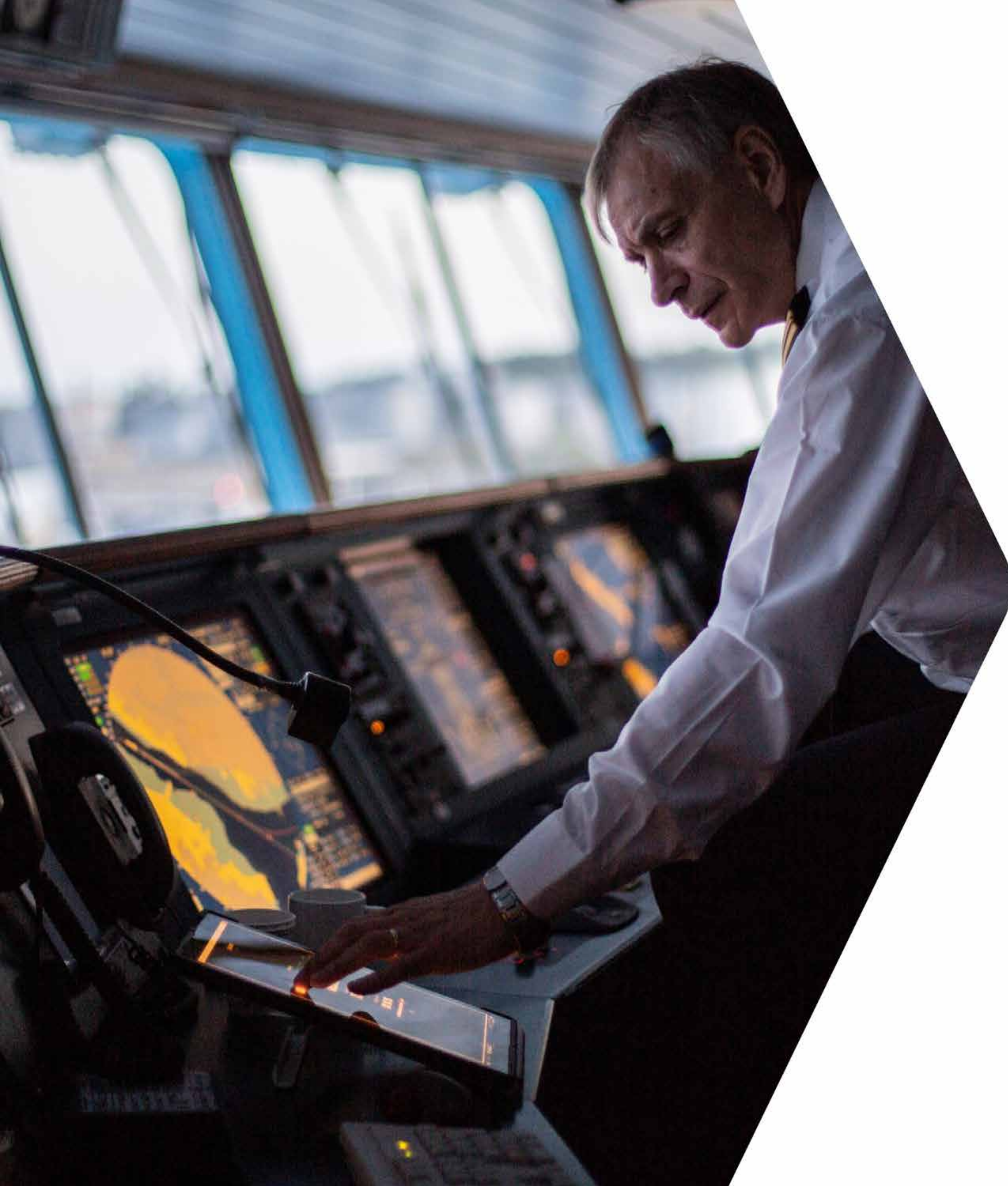
Apr

Jun

Jan

Mar

Maj



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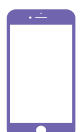
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Welcome Aboard



THANK YOU!