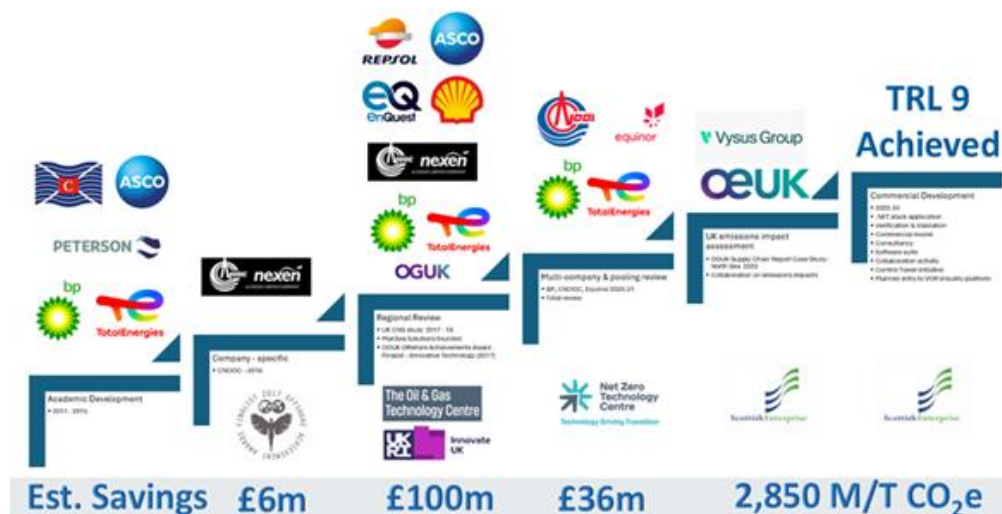


# Cost & Emission Reductions in Marine Operations

## Journey and Key Insights

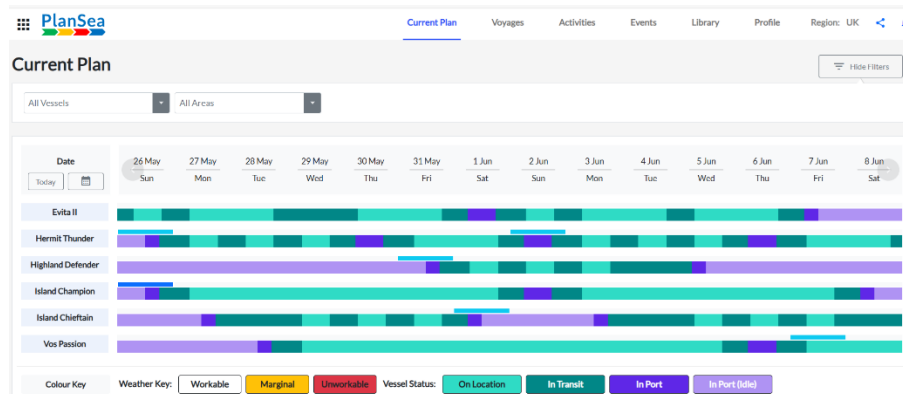
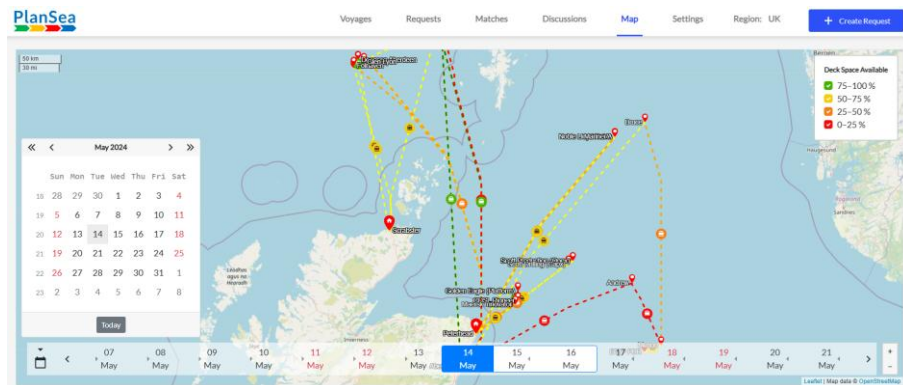
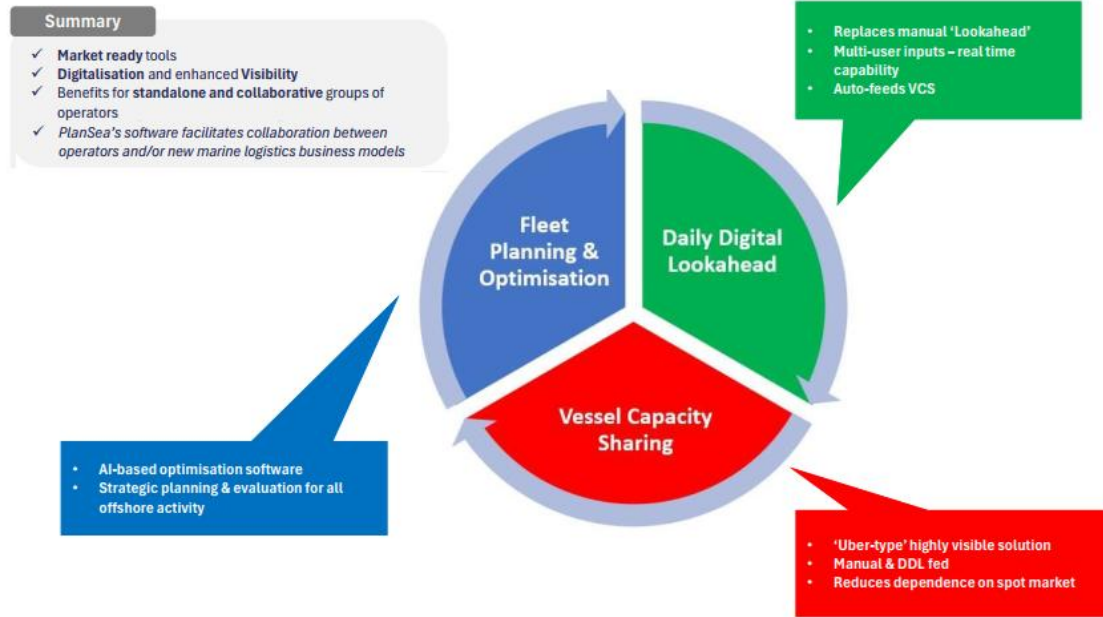
- A spin-out company from The Robert Gordon University, PlanSea has a rich history of partnerships with major operators and logistics companies and has developed the software in collaboration with these partners using their real data.
- This has been done through a mix of specifically carrying out studies for the operators and using the operator's data to develop the product in conjunction with bodies such as the Oil & Gas Technology Centre/Net Zero Technology Centre, Innovate UK and Scottish Enterprise.
- PlanSea is currently collaborating with the National Subsea Centre to fast-track development of an **Artificial Intelligence (AI)-based subsea decommissioning optimisation demonstrator** based on PlanSea's past experience and technology.



## A Solution-based Software

- PlanSea Solutions is an **advanced maritime logistics planning software company using world leading AI technology**. This is designed to optimise vessel operations and fleet management to deliver **significant savings in both costs and emissions**. It aims to play a pivotal role in the digitalisation of the **offshore maritime logistics** industry.
- The software has undergone extensive testing and a POC in collaboration with a number of major operators. The software is now **fully commercialised** and ready for operational deployment via a mix of consultancy and SaaS delivery.
- PlanSea and the NSC have collaborated for many years to utilise AI to optimise marine logistics. Together the two organisations are now deploying the technology and skills developed to address **the needs of the subsea decommissioning sector**.
- The two organisations are developing a robust task-based formalisation of offshore decommissioning activities that will extend the benefits of PlanSea marine-logistics AI in this space. As a result of this, **decision-makers will have the ability to simulate with a high degree of accuracy the cause-effect relationship between different strategies and KPIs of interest**. The project is set to produce a robust AI tool, fast-tracked for initial trials in Q2/2025.

# Cost & Emission Reductions in Marine Operations



Total GHG Emissions, exclude Biofuel  
(Metric Tonnes CO<sub>2</sub>)

