

Green Marine



Retrofitting towards climate neutrality

Synopsis

- * The project aims to develop retrofitting protocols, a software tool catalogue and demonstrate innovative carbon capture, energy saving, and fuel consumption reduction technologies.
- * Solutions will be tested on land-based engines before being demonstrated on a RoPax vessel and develop path for class approvals and certifications.
- * The consortium includes 10 partners from 7 countries, consisting of 5 SMEs, 4 research institutes, and a ferry operator.

Funding Agency



Funded by
the European Union

Green Marine is funded by the European Union funding from the European Union's Horizon Europe research and innovation program under grant agreement No. 101096522. UK participants in Horizon Europe Project Green Marine are supported by UKRI grant numbers 10064539 (University of Strathclyde), 10068477 (CalMac Ltd) and 10064666 (CCM).

The TEAM



University of
Strathclyde
Glasgow



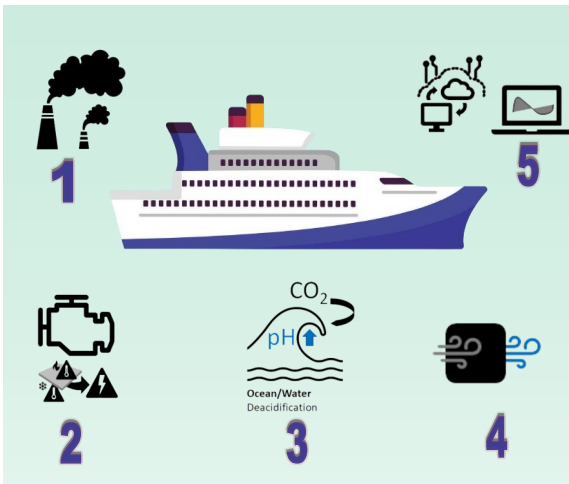
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BlueXPRT
Realizing Innovations



Our Vision

1. Technologies - Chemical absorption, membrane and SepaRaptor
2. Waste heat recovery - Thermoelectric elements
3. Deacidification of sea
4. SepaRaptor + UV to remove nano particles and air circulation analysis
5. Creation of software tool catalogue for better operations, decision making, process modelling, CFD optimisation

Ongoing

Engine procurement
Tech. development
Digital mimicking
Process modelling



Upcoming

Land based test
Class approval
Retrofitting onboard
Software tool catalogue

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