

# GREEN MARINE: RETROFITTING TOWARDS CLIMATE NEUTRALITY

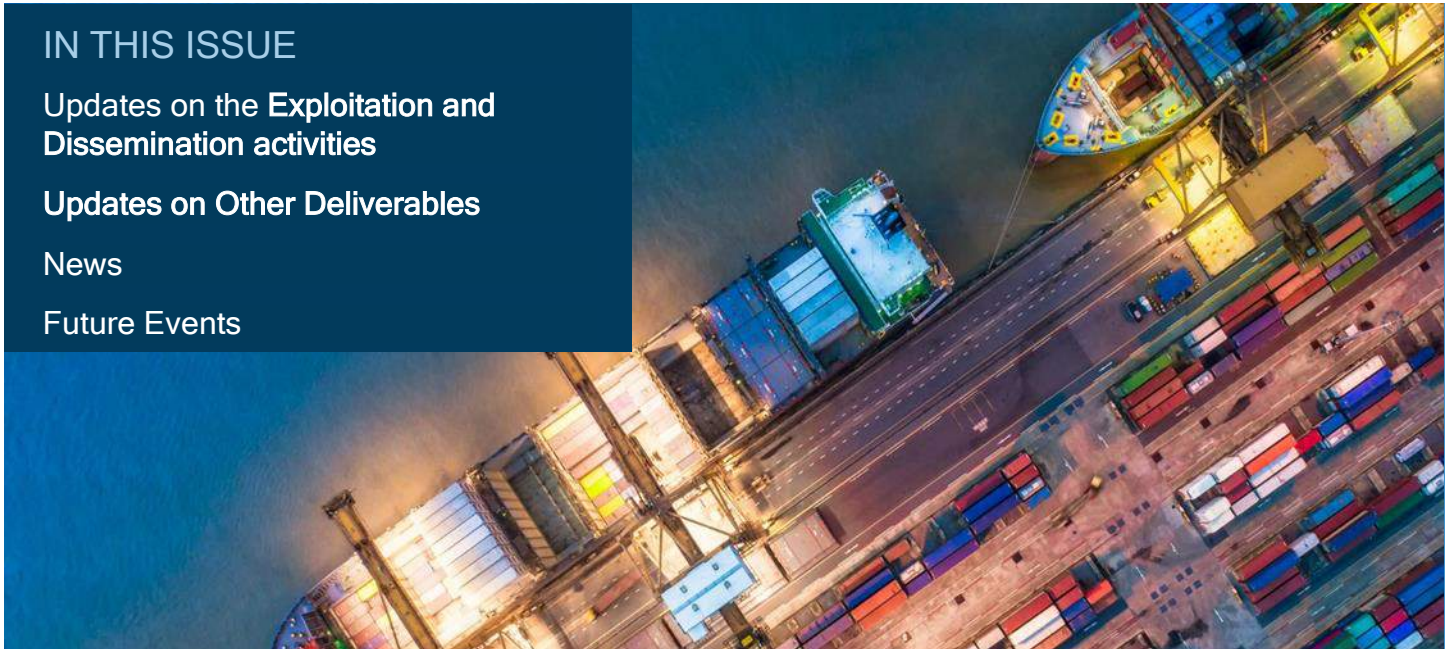
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## UPDATES ON THE EXPLOITATION AND DISSEMINATION ACTIVITIES

We are thrilled to bring you the latest developments from Work Package 6 (WP6) - Exploitation and Dissemination. As we continue to chart our course towards a greener and more sustainable maritime industry, our efforts in WP6 play a vital role in spreading the message and impact of the Green Marine project.

Here are some of the key accomplishments and activities we have undertaken in WP6:

**Dissemination and Communication Plan:** We are delighted to announce the successful initiation and execution of our Dissemination and Communication Plan. This comprehensive strategy outlines how we will share project updates, findings, and innovations with a broad and engaged audience.

**Deliverable 6.8: First Virtual Reality 3D video and Release project video**

The first virtual reality video onboard the engine room of MV Coruisk was recorded. However, it will not be shared publicly due to recent policy changes. The 360° videos are available to the Green Marine consortium to enable relevant activities.

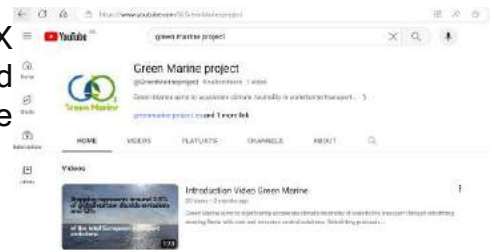
**Project Deliverables on Website:** We have uploaded the latest project deliverables to our website. This makes it easy for our stakeholders to access important documents and reports that showcase our project's progress and achievements.



**LinkedIn Engagement:** We maintain an active presence on LinkedIn <https://www.linkedin.com/company/green-marine-project/>, and the statistics are impressive. Our LinkedIn network has seen remarkable growth, with a 138.5% increase in followers in the last month. We also observed a 135.7% increase in the number of reactions to our posts in the last month. Our page has been viewed about 450 times in the past four months and has seen a 23.1% rise in the number of unique visitors in the last month. We thank our followers for their support and are thrilled to observe such engagement and interest in our project on this platform.



**X/Twitter page:** We have recently started a page on X <https://twitter.com/GreenMarineProj>, to reach academics and industry professionals. Follow our page to stay updated with the developments in our research endeavour!



**YouTube Channel:** Our commitment to communication extends to our YouTube channel

<https://www.youtube.com/@GreenMarineproject>,

where we will share informative videos and updates related to our project. This channel will allow us to reach a wider audience and keep them informed about our progress.

## UPDATES ON OTHER DELIVERABLES

As we continue to work towards our goal of creating a sustainable and eco-friendly maritime industry, we are pleased to share the progress we have made on some of our key deliverables.

### Deliverable 5.1: Report on API specification

Our team has prepared Deliverable 5.1, which outlines our aim to develop a software tool catalogue for various technologies to aid in reducing the Green House Gases (GHG) emissions by defining the API specifications as per the requirements.

### Deliverable 5.2: Technical Requirement & Development Guide

This deliverable presents a comprehensive guide on the technical requirements and development strategies for deploying robust, scalable, and secure web applications that support the software tools and simulators. It outlines the essential software components, hardware requirements, and best, required, practices in the database design, application development, and deployment strategies, with a focus on leveraging modern technologies.

These achievements underscore the dedication and expertise of our Green Marine team and our partners. We look forward to building on this momentum as we continue to work towards a more sustainable future for the maritime sector.

Stay tuned for more updates on our progress, events, and exciting developments within the Green Marine project. We would like to extend our gratitude to all our supporters and partners for their continued collaboration and commitment to a cleaner and greener maritime industry.

## NEWS

### MV Coruisk visit (15<sup>th</sup> November 2023):

A delegation of Green Marine partners visited the MV Coruisk vessel to discuss and assess the potential and challenges for the onboard installation and testing of the suggested Carbon Capture technologies. As part of the visit, a 3D video and associated pictures of the suggested spaces were developed. This visit was carried out to fulfill the duties outlined by the work packages ‘WP1 - Demonstrate Retrofitting on Existing Fleets’ and ‘WP6 - Valorisation, Exploitation, Engagement and Dissemination’ activities.



### BioCH<sub>4</sub>-to-Market Workshop (20<sup>th</sup> November 2023):

We hosted and participated in the Biomethane Workshop held at Larnaca, Cyprus, discussing the challenges of navigating the biomethane market as a maritime fuel. The event was hosted by the Cyprus Marine and Maritime Institute and the participants include the University of Strathclyde, etc.



### 3<sup>rd</sup> Consortium meeting and General Assembly meeting (27<sup>th</sup> and 28<sup>th</sup> February 2024):

The third consortium meeting marked the completion of one year since the kick-off of the Green Marine project. The meeting was held online and was attended by all partners who provided year-round updates on their contributions to the project. Workshops and insightful discussions fueled both days.



### Attended Events:

### 7<sup>th</sup> Annual SNAME symposium, Glasgow (23<sup>rd</sup> and 24<sup>th</sup> February 2024):

The 7<sup>th</sup> edition of the annual symposium conducted by the Society of Naval Architects and Marine Engineers saw participation from our partners, the University of Strathclyde and the Cyprus Marine and Maritime Institute. Our partners presented on the topics, ‘Onboard Carbon Capture and Storage: Present Challenges and Future Opportunities’ and ‘Design and Impact Assessment of a Battery-Operated Coastal Vessel.’ The Green Marine project was introduced during their presentations and its novelty and relevance were emphasized.



## FUTURE EVENTS

We are thrilled to announce the initiation of risk assessment studies (HAZID, FMEA analyses, etc.) in the upcoming months. Moreover, we will be participating in the Posidonia 2024 International Maritime



Conference and Exhibition in June 2024. We are also involved in organizing the CyberSecPro Professional Training Summer School focusing on the security aspects of maritime systems, in Oporto, Portugal, early in July. Further, we shall be publishing a journal and conference paper within the scope of this project. We are looking forward to conducting and attending many more insightful events.

## Who We Are

Given its knowledge, experience and innovative techniques, methods and tools, the Green Marine consortium will develop and implement real world solutions for retrofitting vessels in an effort to mitigate climate change.

Coordinator:

Partners:



## Follow us on:



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<https://twitter.com/GreenMarineProj>

Project details also available on CORDIS: <https://cordis.europa.eu/project/id/101096522>



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