

NEWSLETTER

WELCOME TO THE SEASTARS PROJECT!

Edition 01 | June 2025

We are excited to share with you the latest updates from **SEASTARS** – *Sustainable Emission Abatement Strategies & Technologies for Advanced Revolutionary Ships*, a Horizon Europe Innovation Action project that sets sail to deliver practical and scalable solutions for maritime decarbonisation.

SEASTARS Newsletter: Bi-Annually Updates

The SEASTARS bi-annual newsletters provide key updates on project progress, partner highlights, upcoming events, vessel demonstrations, and insights into the decarbonisation solutions shaping the future of sustainable shipping.

In the 1st edition, we take a look at the vibrant launch of our activities, introduce the international consortium of partners, and highlight key project milestones and engagements.



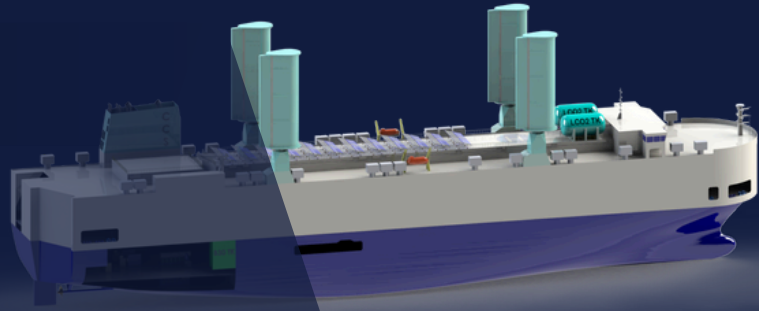
Meet the SEASTARS Consortium

SEASTARS brings together **19 partners from 8 countries**, covering the full spectrum of the maritime value chain:

- **Shipowners, Shipbuilders & Operators:** Neptune Lines, Minerva Marine, Mercurius Shipbuilding
- **Green Maritime Consultancy & Technology Integrators:** AURELIA Design BV, Alpha Marine Consulting PC, RINA
- **Technology Providers:** DGTWIN, ERMA FIRST, Bound4Blue, Voyex, Vertoro, Quadrise, Composite Recycling, Metacon SA
- **Research Institutes & Academia:** University of Strathclyde, University of Birmingham, MARIN
- **Maritime Training & Industry Networks:** ATHINA Maritime Learning Center, HEMEXPO



NEWSLETTER OBJECTIVES & MILESTONES



Edition 01 | June 2025



KICK-OFF MEETING – ATHENS

The SEASTARS journey officially launched in **Athens, Greece on January 2025**. The 2-day kick-off meeting brought all partners together to align on project vision, work package execution, stakeholder engagement and strategic project communication. The meeting set the stage for cross-partner collaboration and shared commitment to maritime sustainability.

A special thank you to all partners who contributed to the discussions and outcomes and made this kick-off event a success. We extend our heartfelt thanks to Agnieszka Zaplatka, European Commission Project Officer, for her speech and invaluable support in driving the SEASTARS project forward.



1ST GENERAL ASSEMBLY – WAGENINGEN

In **June 2025**, MARIN is proud to host all project partners at our headquarters in Wageningen for the 1st General Assembly. During the 3-day event partners set the technical requirements for aligning with decarbonisation targets, and plan effective dissemination and exploitation strategies.

“The discussions were fruitful, the energy inspiring, and the atmosphere full of shared purpose. Moments like these remind us of the value of real-life connection and open dialogue,” says **Yvette Klinkenberg - Koeken**, a MARIN team member involved in the project.

Key Objectives

30% Greenhouse Gas Reduction
20% Energy Efficiency Improvement
8 Demonstration Cases
4 retrofitted and **4** newbuild vessels

APRIL
2025



**SEASTARS joined the
IWT Projects
Cooperation Platform**



www.seastars-project.eu



@seastars



Co-funded by
the European Union

This project has received funding from the European Union's Horizon Innovation Actions programme under Grant Agreement No. 101192901.

MILESTONES & EVENTS

JUNE 2025

ISSUE #1

#1



SINGAPORE - SEA ASIA & SMRC 2025

Between March 24-27, SEASTARS made waves at Sea Asia at Singapore Maritime Week (SMW) and at the Singapore Maritime Research Conference 2025.

After a successful kick-off meeting in Athens, SEASTARS hit the global stage in Singapore, engaging with shipowners, innovators, and key maritime stakeholders to discuss how we can navigate the energy transition together!

A huge thank you to all partners who represented SEASTARS, including Christos Papakis & HEMEXPO – Hellenic Marine Equipment Manufacturers & Exporters, Maximiliano Mavica & Esmond K. from AURELIA, and Prof. Evangelos Boulougouris from the University of Strathclyde.

#2

MBSE WORKSHOPS



Following the kick-off in January, the consortium embarked on a journey into the principles of Model-Based Systems Engineering (MBSE) through a series of online workshops. These sessions began with imaginative exercises involving magical objects, gradually transitioning to a more structured approach using a generalized ship model.

The learning continued during the General Assembly in Wageningen, where Bart-Jan Sustronck of MARIN delivered an insightful presentation on a Capella model of a reefer vessel. By exploring the vessel's architecture and technological components, participants were able to identify key systems and structures. This hands-on exploration sparked a dynamic and fruitful interactive session, deepening the consortium's collective understanding of MBSE.

OSLO - NORSHIPPING 2025

Between 2nd-6th of June 2025, our consortium partners RINA, AURELIA & ERMA FIRST representing SEASTARS in #NorShipping2025 in Oslo. 🇳🇴

AURELIA's Chief Growth Officer, Esmond Keldon, proudly presented the SEASTARS Horizon Europe project at the RINA booth during Nor-Shipping in Oslo.

A heartfelt thanks to RINA colleagues for the warm hospitality and support. 🙌



#3


www.seastars-project.eu

[@seastars](https://www.linkedin.com/company/seastars)

Co-funded by
the European Union

This project has received funding from the European Union's Horizon Innovation Actions programme under Grant Agreement No. 101192901.



JOIN OUR newsletter

Stay in the loop with our latest
news, progress reports, and participate
in our events!

seastars-project.eu

SIGN UP TODAY



www.seastars-project.eu



[@seastars](https://www.linkedin.com/company/seastars)



Co-funded by
the European Union

This project has received funding from the
European Union's Horizon Innovation
Actions programme under Grant Agreement
No. 101192901.