



PRESS RELEASE

New WAVE Maritime Cluster launches to accelerate the integration and validation of vessel-decarbonisation technologies

Founding organisations combine shipowner access, engineering, naval architecture, research expertise, and subsidy enablement to help promising technologies progress towards real-world maritime deployment

Hamburg, 15 September 2026 - [Alpha Marine Consulting](#), [lomarlabs](#), [Maritime Research Institute Netherlands \(MARIN\)](#), and [C-Job Naval Architects](#) have announced the launch of [WAVE, the Worldwide Alliance for Vessel Decarbonization & Energy Transition](#), a new maritime innovation cluster created to support the integration and validation of emerging decarbonisation technologies.

The alliance brings together complementary capabilities spanning shipowner insight and vessel access, marine engineering, naval architecture, independent validation, and a targeted approach to unlocking public and private co-funding and subsidy programmes. By actively identifying and securing grant funding opportunities to get cutting-edge clean tech installed and tested on board, WAVE significantly lowers the commercial and operational threshold for shipowners to participate in early-stage maritime innovation.

WAVE will focus on innovations at Technology Readiness Levels (TRL) 3-7: solutions that have demonstrated technical potential but require further integration work, testing and operational evidence before they can progress towards market readiness.

For technology developers, reaching this stage can expose a difficult gap. A solution may work in a laboratory or controlled environment, but still need to address vessel interfaces, safety requirements, classification considerations, operating or logistical constraints and the expectations of shipowners. WAVE has been structured to bring the relevant expertise into the process earlier and provide a clearer route towards validation in a maritime setting.

For shipowners and other stakeholders, the alliance offers a low-risk, highly structured pathway to evaluate and implement next-generation, cutting edge technologies. Beyond providing technical integration and performance validation, WAVE actively helps shipowners tap into relevant regional, European, and international subsidy mechanisms to finance pilot installations. Rather than asking the industry to shoulder isolated technology risks and capital expenditures alone, WAVE combines robust engineering with funding facilitation to build tangible, de-risked business cases for onboard adoption.

A coordinated route from potential to practice

Each founding organisation contributes a distinct part of the pathway:

- Alpha Marine Consulting contributes its expertise in marine engineering, naval architecture, technical integration, and supervision.



- **lomarlabs** contributes its experience supporting and de-risking technology start-ups, drawing on the shipowner perspective, operational expertise and access provided through its parent company, Lomar.
- MARIN contributes maritime research, assessment and validation capabilities.
- C-Job Naval Architects contributes vessel design and naval architecture expertise to support effective onboard integration.

Together, the organisations will assess selected technologies and define an appropriate route for integration and validation according to their maturity, requirements and relevance to industry challenges.

Founder comments

"Innovation creates real value when it moves beyond concept and becomes part of everyday vessel operations. Through WAVE, we aim to bridge that critical gap, connecting research and emerging technologies with practical onboard integration, validation, and operational experience. AMC is delighted to contribute to this initiative, drawing on the practical know how gained from more than 250 newbuilding projects and over 400 vessel retrofits to help turn emerging technologies into viable, integrated solutions for real-world vessel operations," said Georgios Kouris, R&D Manager, Alpha Marine Consulting.

"As trade, energy and security systems are reshaped, new technologies will become indispensable. WAVE will help the maritime sector identify and validate those capabilities; turning ships, ports and supply chains into the proving ground for the next generation of maritime innovation," said Stylianos Papageorgiou, Managing Director, **lomarlabs**.

"Assessment of solutions in real operations. WAVE puts solutions to the test by combining shipowners, design offices and independent evaluators knowledge with the aim of sharing outcomes and gained experience with her partners," said Patrick Hooijmans, senior Project Manager, MARIN.

"The maritime industry needs a faster path from innovation to implementation. WAVE brings together the expertise needed to help promising technologies move from concept to proven solutions that support shipping's decarbonization journey. C-Job Naval Architects is proud to contribute our world-class ship design and engineering capabilities to help accelerate the transition to cleaner, more efficient shipping." Job Volwater, CEO, C-Job Naval Architects.

Membership applications now open

WAVE is inviting organisations across the maritime ecosystem to apply for membership. Applicants are asked to tell WAVE who they are and what their organisation would contribute to improve the sustainability of shipping.

Membership applications are reviewed by the WAVE Steering Committee to preserve a balanced, non-competing partner structure. Applicants will then be contacted regarding their fit and the most appropriate membership tier.

Applications can be submitted at <https://form.typeform.com/to/yZAy5ZkE>

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For media inquiries, please contact hello@lomarlabs.com



Notes to editors

- WAVE stands for Worldwide Alliance for Vessel Decarbonization & Energy Transition.
- WAVE currently involves Alpha Marine Consulting, Iomarlabs, MARIN and C-Job Naval Architects.
- The cluster focuses on the integration and validation of vessel-decarbonisation and energy-transition technologies at TRL 3-7.

About Alpha Marine Consulting PC

For more than four decades, **Alpha Marine Consulting** has served as a trusted partner to the global maritime industry, delivering integrated consulting services across ship design, engineering, regulatory compliance, audits, surveys, and training. AMC supports clients in addressing evolving regulatory requirements while advancing safety, operational efficiency, decarbonization, and sustainable performance. With a presence spanning more than 50 countries, over 500 clients, and 2,000 projects completed annually, AMC brings together Naval Architects, Master Mariners, Mechanical Engineers, and HSQE specialists. Through active participation in R&D initiatives and collaborative EU innovation projects, AMC contributes to the development and implementation of emerging technologies and solutions supporting the maritime industry's transition towards a more efficient and decarbonized future.

<https://alphamrn.com/>

About Iomarlabs

Iomarlabs is a venture catalyst with a proven track record of advancing pioneering technologies across the maritime industry. Drawing on five decades of operational expertise from Lomar, its ship-owning and management parent company, it works alongside start-ups and innovators to develop, test, and scale solutions that support the decarbonisation, automation, and transformation of global shipping.

<https://iomarlabs.com/>

About MARIN

For almost a century, MARIN has been a beacon of knowledge and innovation in the maritime world. We continue to be the independent knowledge institute with a strong focus on the future of the maritime sector. This is what we stand for, our mission: We are committed to the sustainable, safe and secure use of the oceans for a successful maritime sector.

<https://www.marin.nl/>

About C-Job Naval Architects

C-Job Naval Architects specializes in sustainable maritime performance around the world. We empower clients to build efficient, compliant, and future-ready vessels through our innovative ship development and conversion services. With global expertise in advanced design, future fuels, and cutting-edge algorithms, we lead the industry in creating sustainable maritime solutions that optimize efficiency and minimize operational costs. There are currently eight C-Job offices across six countries, serving clients in The Netherlands, Greece, Poland, Ukraine, Bulgaria, and The United States.

Learn more at www.c-job.com



- Photo caption: From left to right: Yvette Klinkenberg (MARIN), George Kouris (Alpha Marine Consulting), Job Volwater (C-Job Naval Architects), Nikol Konstantaropoulou (Iomar**labs**)