



# Advanced Maritime Technology

**JUNE 16–18, 2026**

RAI Amsterdam, Netherlands

# Where the future of maritime technology comes into focus

*Advanced Maritime Technology* will arrive at RAI Amsterdam at a moment of genuine transition for the global maritime sector

For the first time, four deeply interconnected yet highly specialized disciplines – electrification, automation, infrastructure, and regulation and finance – will be brought together within a single, cohesive forum, reflecting the true complexity of modern maritime projects.

The newly expanded event has been designed to facilitate cross-disciplinary exchange and enable collaboration between those designing, building, financing and regulating the next generation of marine operations. Alongside a focused conference program, the expo floor will present a curated showcase of forward-thinking

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innovators offering technologies that are not theoretical, but are ready to be deployed. More than a meeting place, Advanced Maritime Technology will create an environment for ideas to be tested, partnerships formed and solutions moved decisively from concept to implementation.

## WHY ATTEND?

### Insight you can act on

Gain clarity on the technologies, regulations and investment models shaping the next decade of maritime operations – and how they intersect in real projects.

### Access to the people behind the progress

Meet engineers, system developers, policymakers, financiers and technical leaders driving change across electrification, automation and infrastructure.

### Solutions, not speculation

Discover deployable technologies and proven approaches, compare real-world case studies, and pressure-test your ideas with peers facing the same integration challenges.

### Collaboration that lasts beyond the event

Designed for meaningful discussion rather than surface-level exchange, the event will foster connections and partnerships that extend well beyond the expo floor.



## THE CONFERENCE

### An expanded global forum built on two trusted foundations

This year's expanded conference program is designed for dialog. Built on the combined legacy of two highly respected conferences – Electric & Hybrid Marine and Autonomous Ship Symposium – these sessions will represent a snapshot of a much broader, deeper agenda, one deliberately shaped to prioritize discussion, peer exchange and practical collaboration. Across four parallel streams, technical teams will find rigorous, solutions-driven insight, and senior leaders will gain strategic clarity on investment, regulation and future technology direction.

### Fewer talking heads and more interaction

Expect extended Q&As, case study exploration, panel debates and sessions designed to build on lessons learned. Every spotlight here opens the door to further discussion, shared problem-solving and meaningful connections beyond the stage.

# Expo highlights

## Explore a show floor full of advanced technology providers and solution developers

From propulsion and automation systems to energy infrastructure and operational tech, discover the innovation shaping tomorrow's fleets and ports. The selection of exhibitors featured right and overleaf reflects just part of a powerful global roster, all ready to demonstrate, collaborate and advance what's technically possible.

## AWARDS: CELEBRATING THE BREAKTHROUGHS DEFINING THE FUTURE OF MARITIME TECHNOLOGY

Join us on Day 1 for the Advanced Maritime Technology International Awards, where innovation will be celebrated and meaningful connections will be made. Bringing together the brightest minds in maritime technology, the awards will place you among the industry's most influential leaders, innovators and decision-makers, all in one room, at one defining moment. Beyond recognizing breakthrough engineering and exceptional progress in vessel development, the ceremony will create an unrivaled networking environment, where conversations flow naturally, relationships are sparked and collaborations begin. It's an evening designed to open doors, strengthen partnerships and connect you with the people shaping the future of maritime, making it an unmissable opportunity to be seen, heard and connected.



## LEADERS DRIVING CLEAN, ADVANCED TECHNOLOGY

Strengthened by the support of the industry's most influential associations, Advanced Maritime Technology is proud to be partnered, once again, with some of the most respected and forward-thinking organizations across the maritime and clean technology sectors. The involvement of IEMA, MBF, CharIN, EOPSA and ZESTAs underscores the strategic importance of this expanded global forum and reflects a shared commitment to advancing cleaner propulsion, smarter systems, stronger standards and more sustainable maritime operations worldwide. Their expertise will help shape three days of progressive conversation and will be accessible on the expo floor throughout the event, giving attendees direct access to the insight, guidance and leadership driving the future of the industry.

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HANDTMANN SYSTEMTECHNIK  
**MODULAR BATTERY  
SYSTEMS FOR DEMANDING  
MARINE APPLICATIONS**

Electrification in marine applications demands energy systems that combine safety, durability and integration flexibility. At the expo, Handtmann will showcase Modubat, a modular battery platform engineered to meet the specific challenges of modern vessels and workboats.

Marine environments place extreme demands on battery systems: limited installation space, harsh operating conditions, high power peaks and strict safety requirements. Modubat addresses these through a robust, liquid-cooled architecture designed for continuous operation and long service life. Its modular design allows scalable system configurations in voltage and capacity, enabling seamless integration into a wide range of marine propulsion and onboard power concepts.

A separate, easily accessible safety box with integrated protection components simplifies system integration and serviceability, while advanced thermal management ensures stable performance even under high loads. Built on proven marine standards, Modubat supports reliable operation, reduced downtime and predictable lifecycle costs.

With Modubat, marine OEMs and system integrators gain a future-ready battery solution that balances performance, safety and scalability – supporting the transition to efficient, low-emission marine vessels.

**Booth 1250**

REGENT CRAFT  
**REINVENTING COASTAL  
TRANSPORTATION**

Regent is pioneering the future of maritime mobility through the development and manufacturing of Seaglider vessels: high-speed hydrofoiling wing-in-ground effect (WIG) craft that operate exclusively within a wingspan of the water's surface. By combining the speed of an aircraft with the efficiency and cost profile of a boat, Seaglidars reduce travel time and operating costs between coastal destinations. A Seaglider operates in three modes: floating on its hull, rising on hydrofoils and flying in ground effect, enabling smooth transitions and improved ride quality.

Seaglidars are powered by battery-electric systems, producing zero operational emissions. Regent's flagship model, Viceroy, is designed to carry up to 12 passengers at speeds of up to 300km/h on routes of up to 300km. The platform can be configured for multiple mission sets, including passenger travel, cargo transportation, offshore logistics, search and rescue, and specialty applications, adapting to the needs of each operator. Find out more at the expo.

**Booth D6**

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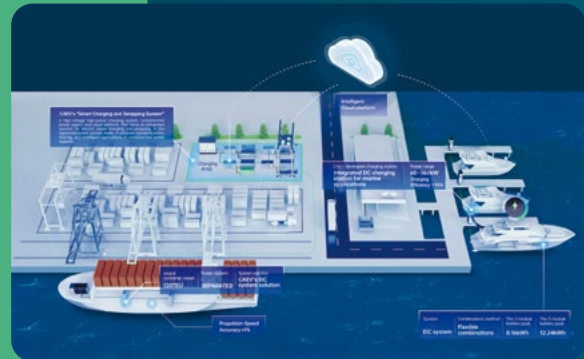
CAEV

**INTEGRATED VESSEL-SHORE-CLOUD LIFECYCLE SOLUTION**

CAEV – a subsidiary of CATL – will be at the expo to show its integrated vessel-shore-cloud lifecycle solution for battery-powered vessels. Centered on an intelligent cloud platform, it connects core onboard power systems and shoreside charging/swapping infrastructure to enable end-to-end collaboration across energy management and efficiency optimization, electric propulsion control, data supervision, remote intelligent operation and maintenance, and intelligent cloud management of battery systems.

With high-precision control (propulsion speed accuracy  $\leq 1\%$ ), high efficiency (charging efficiency  $\geq 95\%$ ) and highly reliable redundant communication (fault handling  $\leq 400\mu s$ ), the solution provides end-to-end technical services from design to operation and maintenance. Featuring integrated design, unified standards and flexible configuration, it accelerates the green, intelligent transformation of the shipping industry.

**Booth 6005**



CAVOTEC

**SOLUTIONS FOR CLEANER, MORE EFFICIENT PORTS**

At this year's Advanced Maritime Technology Expo, Cavotec invites visitors to discover how its solutions are supporting the shift toward more sustainable maritime operations.

A key focus will be the company's shore power portfolio, a cornerstone technology for reducing emissions in port. By enabling vessels to connect to onshore electricity while at berth, shore power eliminates the need to run onboard diesel engines, significantly cutting CO<sub>2</sub> emissions, noise and air pollution.

Cavotec will also highlight its MCS Manual Dispenser, part of the Megawatt Charging System for ultra-fast charging. Specifically designed for high-power applications where manual handling is preferred or necessary, this flexible solution delivers safe and efficient charging with up to 4.5MW (1,500V DC/3,000A). It supports the rapid electrification of vessels and port equipment, helping operators

transition to zero-emission energy systems without compromising operational efficiency.

Visitors can also learn more about the MoorMaster automated vacuum mooring system. Cavotec pioneered automated mooring more than 25 years ago. The MoorMaster system enables vessels to berth quickly and securely without conventional mooring lines, improving safety and reducing turnaround times.

Together, these technologies demonstrate the company's commitment to supporting ports of the future: connected, efficient and sustainable.

**Booth 1245**





# Conference highlights

## PROJECT MAGPIE – INTENTION SHARING: THE MISSING PIECE IN AUTOMATED NAVIGATION

### Automation & Autonomy

The Port of Rotterdam is the leader of the Magpie project, which focuses on making the ports of the future more sustainable. As part of this initiative, the introduction of autonomous, unmanned, electric inland vessels aims to make Rotterdam's hinterland transportation chains more environmentally friendly. However, fully automated, unmanned shipping requires high safety standards on the water. In this context, the digital sharing of sailing intentions between vessels presents new opportunities to address safety challenges. To navigate and maneuver safely in ports, autonomous vessels need sailing intentions in digital form. Autonomous vessels will also digitally inform other ships of their intentions. As part of the new format, delegates will have the opportunity to take advantage of a Q&A session after the presentation.

## A PRAGMATIC PATHWAY TO FUTUREPROOF VESSEL EFFICIENCY

### Electrification & Hybridization

Decarbonization isn't binary, and this session is designed to explore the practical middle ground. As battery-electric propulsion expands, combustion engine gensets continue to play an essential role in safety, flexibility and operational resilience. In this interactive session, Rolls-Royce Solutions' Tobias Kohl will look at how modern gensets – combined with electrification technologies – are being repositioned as strategic assets rather than legacy systems. Covering areas including variable-speed operation, permanent magnet generators and renewable fuels such as HVO and methanol, this presentation will invite discussion on how hybrid architectures can deliver true efficiency gains today while keeping vessels adaptable for tomorrow's fuels and regulations.

**SECURE  
YOUR  
DELEGATE  
PASS TODAY**



## ELECTRIFYING PORTS: ARE WE KEEPING IT REAL?

### Armchair discussion

A key question posed at the conference in June will be: Do the political and regulatory ambitions for OPS align with the engineering and economic realities? This will be debated in a one-to-one discussion between two people who deal with the challenge of OPS implementation in different ways. In one armchair will be the president of a trade association that advocates for European and national policies and initiatives on decarbonized port electrification. Facing him will be a subject matter expert with a deep engineering background and over 40 years' experience across the maritime and defense sectors. Attendees will find out about areas of contrast, practical constraints and where solutions are needed. Be sure to join the discussion!

## INVESTING IN MARITIME'S NEXT WAVE

### Workshop / Interactive format

Capital is available. Projects exist. So why do so many maritime infrastructure and vessel investments stall between pilot and scale? This one-hour workshop will move beyond traditional financial modeling to address the real constraints that are blocking maritime deals, giving participants a practical framework to diagnose and navigate them. Led by Beatriz Canamary (SuRe Strategy Group), the session will be as much about peer exchange as it is about frameworks, a space to compare notes and sharpen thinking, and will give participants tools that can be applied immediately.

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PROGRAM



## NAVIGATING THE REGULATORY PATHWAY FOR AUTONOMOUS SHIPPING

### Automation & Autonomy

The non-mandatory MASS Code is on track for adoption at IMO MSC in May 2026 – but adoption is just the starting line. This presentation will take a practitioner's perspective on what the Code requires, where the gaps remain and what operators, technology developers and investors need to understand about the road to mandatory adoption (targeted July 2030, entry into force January 2032). Topics for discussion will include: what the MASS Code covers (and what it doesn't); the experience-building phase; what autonomous vessel developers and investors need to understand about the Code before committing capital; how regulatory clarity directly affects insurance, classification and deal structure; why Chapter 15 was the hardest to finalize; and how crewing and remote operations requirements will shape business models.

## THE WORLD'S LARGEST MARINE BATTERY HYBRID SYSTEM PROJECT

### Electrification & Hybridization

This fully collaborative stakeholder presentation will describe the experience of ferry owner Wasaline, which has recently enlarged its originally designed battery system on the Aurora Botnia from 2.2MWh to 12.6MWh. The integrators and battery supplier will explain the project from installation to integration, and will also draw on lessons from other projects. The presenters will take questions from the audience to create a must-attend session for owners and operators looking to electrify or upgrade their installed battery systems. ⚡