



HYBRID SOLUTIONS FOR FERRIES & SHORT SEA SHIPPING INDUSTRY Matching Hybrid Technologies to Vessel Requirements and Routes



FUEL OPTIONS FOR HYBRID SOLUTIONS

Alternative Fuel Solutions: LNG, Hydrogen, Liquid Biofuels



ELECTRIFICATION & FUEL CELL TECHNOLOGY

Advancing Vessel Design Through Electrification & Fuel Cell Integration



ELECTRIFICATION OF PORTS

Making Ports Ready for the Electric Fleet Place: **Oslo, Norway**



Date: **11 - 12 March 2026**



Contact Us: + 48 786 530 152



More Info: www.leaftinevents.com







As maritime electrification and hybridization becomes a crucial pillar of the transition to netzero emissions, regulatory pressure and technological innovation are driving the sector toward cleaner, more efficient operations. From battery-powered vessels to hybrid propulsion systems and fully electric port infrastructure, electrification is set to redefine the future of maritime transport.

This two-day event will focus on the accelerating shift toward maritime electrification and hybrid solutions – not only for vessels, but also for ports and shore-side systems – supporting the broader environmental transition and aligning with international climate targets.

The conference will bring together a wide range of stakeholders from across the maritime value chain - including ship owners & operators, port authorities & terminal operators, alternative fuel providers and energy utilities, regulators, technology and system integrators, research institutes, universities, ship designers and classification societies, battery and fuel cell manufacturers.

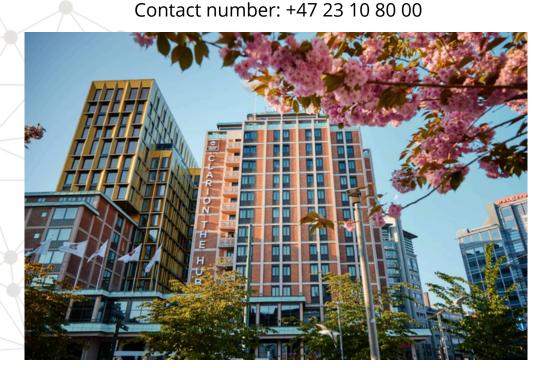
The agenda will feature a dynamic mix of keynote presentations, technical deep dives, case studies, and panel discussions. Topics will explore the latest advances in battery technology, shore power implementation (OPS), hybrid propulsion, port electrification, regulatory pathways, financing mechanisms, and the role of digitalization in optimizing energy use.

Each panel discussion will conclude with a Q&A session, providing attendees with the opportunity to engage directly with industry leaders and subject matter experts. This event is a must-attend for anyone involved in – or impacted by – the electrification of maritime operations and the evolving decarbonization landscape.



Venue Information CLARION HOTEL THE HUB OSLO

Address: Biskop Gunnerus gate 3, 0155, Oslo





By signing up, each delegate will have an opportunity to receive:

- In-Person access to all event platforms,
- Event documentation,
- · Access to delegate list during & after the event,
- Lunches & Refreshments,
- Access to Sustainable Energy Dinner,
- · Access to speakers' presentations.

Take advantage of our special discounted rates for early registration until 12 DECEMBER!

Secure your spot at the conference at a fraction of the original price. For group passes we offer extra 10% discount!

1 Ticket €999 per person instead of €1199 Group passes €879 per person instead of €1199

For registration & sponsorship enquiries contact:

Mikolaj Kasprzak mk@leaftinevents.com +48 786 530 152



DAY 1

9.10 - 10.30

Fuel Cells in Maritime: Unlocking Their Full Potential

- Integration Pathways for Ferries, Ro-Ro, RoPax and Feeder Vessels
- Safety & Regulatory Requirements for Hydrogen-Based Propulsion
- Fuel Cells in Maritime: Market Outlook & Adoption Potential
- Standardization & Certification Pathways for Marine Fuel Cells
- Hydrogen Storage Technologies Onboard and Shoreside

Jogchum Bruinsma
Commercial Director
Nedstack



Morning coffee & Networking Break

11.00 - 12.30

Electrification & Battery Systems – Scaling Up for Short Sea Fleets

- Progress of Electrification Across Ferries, Ro-Ro and RoPax Vessels
- Next-Gen Marine Batteries: Integration, Capacity and Operational Efficiency
- Battery Technologies in Marine Use Current Capabilities and Limitations

Lunch & Networking Break



DAY 1

14.00 - 15.00

Retrofitting for Zero Emissions: Practical Approaches for Short-Sea Vessels

- Technical Constraints in Converting Ferries, Ro-Ro and RoPax Vessels
- Integrating Batteries and Fuel Cells into Retrofits and Newbuilds
- Optimising Cost and ROI Is It Economically Viable Under Current Regulations?

Martin Kjøraas Head of Sales Seaborne, Integrated Systems **Kongsberg Maritime**



15.00 - 16.15

Hybrid Solutions: Bridging the Gap to Zero Emissions

- How to Combine Battery, Fuel Cell and Conventional Power for Maximum Flexibility
- Matching Hybrid Configurations to Operational Profiles of Ferries, Ro-Ro and Feeder Vessels
- Planning for Upgrades: Future-Proofing for Alternative Fuels and Regulatory Changes

Espen Larsen-Hakkebo Co-founder and CTO **Brim Explorer**



Afternoon Coffee & Networking Break



DAY 1

17.00 - 18.00

PANEL DISCUSSION
Smart Hybrid Strategies – Matching Technology to Mission

- Hybrid Vessels Short-Term Bridge or Long-Term Solution?
- How to Decide the Optimal Technology Mix for Ferries, Ro-Ro and Feeder Vessels
- Operator's Perspective Making Hybrid Systems Work in Daily Operations
- Electrification vs. Fuel Cells vs. Hybrid Systems Where Do They Fit Best?

Bertrand Crispils
Head of Energy Transition
Brittany Ferries



Sustainable Energy Dinner



DAY 2

9.10 - 10.30

The Role of Fuels in the Hybrid-to-Zero Maritime Transition

- Hydrogen & Ammonia in Hybrid Vessels
- LNG as a Transitional Fuel in Hybrid Maritime Propulsion
- Methanol and Biofuels: Viable Long-Term Solutions or Bridging Fuels

Morning coffee & Networking Break

11.00 - 12.00

PANEL DISCUSSION

Bridging the Power Gap – The Role of Alternative Fuels
in Hybrid Maritime Systems Systems

- The Role of Alternative Fuels in Short Sea & Regional Operations
- Risks and Mitigation in Adopting Alternative Fuels
- Can Fuel Cells Be a Part of the Fuel Mix

Moderator:

Tom O. Kleppestø

Managing Director

OCEAN INDUSTRY FORUM OSLOFJORD



Speakers:

Jørgen Laake Head of GSP's Service Center of Green Fleet Renewal

Green Shipping Program



Yang Zhang
Product Manager - Maritime
Yara Clean Ammonia



Yara Clean Ammonia



DAY 2

12.00 - 12.30

Financing the Transition – Building Bankable Business Cases for Zero-Emission Vessels

- Role of banks: assessing risks and financing credible business cases
- Importance of regulatory stability and public-private cooperation in unlocking investments
- EU programs and green financing mechanisms as enablers

Andreas Forsnes Jahn
Senior Advisor, Maritime Transport **Enova SF**



Lunch & Networking Break

14.00 - 15.30

Port Electrification – Infrastructure for a Zero-Emission Future

- Shore Power Developments (OPS) and Compatibility with Ships
- Renewable Energy Integration in Ports
- High-capacity Charging systems and Standards
- Energy Grid Limitations and Portside Energy Storage

Jens Eirik Hagen
Head of Energy Transition
Port of Oslo

Oslo Havn



DAY 2

15.30 - 16.30

PANEL DISCUSSION

Ports & Shipowners - Aligning Infrastructure with Fleet Needs

- Infrastructure Gaps Between Port Power and Vessel Demand
- Collaboration Models Between Shipowners and Port Developers
- Realistic Timelines for Port Upgrades & Vessel Compliance

Moderator:

Susann Dutt

Member of the Executive Committee

and Board

EOPSA



Speakers:

Chris Poyner
Head of Shore Power
ABB Marine & Ports

ABB

Jens Eirik Hagen Head of Energy Transition **Port of Oslo** Oslo Havn

Roos Vugts
Business Manager - Shore Power
Port of Rotterdam



Closing Remarks