



SECOND CONFERENCE ON

ZERO EMISSION FERRIES - EAST

March 04, 2025 | The Westin Arlington

Hosted by: Global **Mass Transit**

Sponsors:

Anchor[™]
OPERATION & RESERVATIONS TECH SYSTEMS

CANDELA


EV MARITIME



SIEMENS
energy

ZERO  **MAR**

MISSION

The mission of this conference is to discuss the experience so far in the deployment of zero emission ferries in the US, funding available, strategies, best practices, recent developments, key challenges, plans and future outlook. It will also provide information on procuring, financing, operating, and maintaining zero-emission ferries and infrastructure. The conference will also highlight opportunities and technological innovations.

The conference will bring together officials from federal government, state DOTs, local governments, transit agencies, ferry operators, transit operators/transit passenger ferry service providers, clean air agencies, regional air pollution control agencies, vessel design and construction companies, naval architecture firms, technology vendors, equipment integrators, electric charging solution suppliers and battery manufacturers, energy providers, hydrogen-fueling infrastructure providers, fuel cell manufacturers, infrastructure OEMs, terminal infrastructure developers, marine engineering firms, academic institutions, research and development organizations, transport associations, consulting firms, environmental services organizations, leasing companies, funding and financing agencies, and utilities.

The one-day conference will have 9 sessions, panel discussions and case studies, with a wide array of international experts providing valuable insights and actionable advice.

KEY TOPICS TO BE DISCUSSED

- Decarbonization of the maritime sector
- Existing regulations, recommendations
- Federal funding for zero emission ferries
- Key policy initiatives for transitioning to low/zero emission ferries
- Best practices in accessing federal grants
- Transitioning to zero emission ferries: strategies and best practices
- Partnership between stakeholders in industry, financiers and government
- Experience so far and case studies
- Plans of cities in the US for the deployment of zero emission ferries
- Opportunities available for suppliers of zero emission ferry technologies
- Project conceptualisation, financing and planning, and procurement
- Choosing between different low/zero-emission options: hydrogen, electric, BioGas, etc.
- Hydrogen fuel cell ferries: case studies and future plans
- Battery-powered electric ferries: case studies and future plans
- Terminal electrification
- Charging options, deployment of charging infrastructure, challenges and opportunities
- Partnerships with utilities, impact on the grid
- Commercialization of zero emission marine technologies
- Key risks and challenges
- Ensuring state of good repair
- Worker training to support electrification technology
- Improving equity, accessibility and inclusivity

KEY BENEFITS FOR PARTICIPANTS

The event is expected to draw participation from CXOs, executives, managers and decision-makers from:

- Gain insight into the policies, projects, funding and standards for zero and low emission ferries including electric and hydrogen ferries
- Learn about best practices in financing, procuring and deploying zero and low emission ferries
- Explore strategies to resolve key legal, technical, operational and financial issues facing the deployment of zero and low emission ferries
- Gain exposure to new technologies and market development strategies for zero and low emission ferries
- Learn from government departments, transit agencies, operators, technology vendors, financiers, marine engineering firms and consultants

TENTATIVE AGENDA

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Session 1: Opening Panel Discussion on Advancing Transit Decarbonization with Zero-Emission Ferries

- ❖ Ferries as part of the goal to achieve a 100 per cent zero emission transportation system
- ❖ Key policy initiatives undertaken and needed for transitioning to low/zero emission ferries
- ❖ Forging partnerships between stakeholders in industry, finance and government
- ❖ Funding and investment strategies
- ❖ Impact on marginalized communities and equity as a driver to change

Session 2: Policies and Programs

- ❖ FTA Ferry Programs
- ❖ Electric or Low-Emitting Ferry Pilot Program
- ❖ Ferry Service for Rural Communities Program
- ❖ EPA Clean Ports Program
- ❖ DOT MARAD Programs

Session 3: Optimal Strategies for Introducing Zero-emission Ferries

- ❖ Best practices in planning, procurement, financing and deployment
- ❖ Drafting a zero-emission transition strategy, project implementation strategy
- ❖ Choosing between different options: Hydrogen, Electric, BioGas, etc.
- ❖ Developing technical, legal and financial capacity
- ❖ Key risks and challenges, potential solutions
- ❖ Maintaining state of good repair

Session 4: OEM Perspective

- ❖ Commercialization of zero-emission marine technologies
- ❖ Funding and financing new technologies
- ❖ Best practices in introducing zero emission ferries and developing related infrastructure

Session 5: Hydrogen Fuel Cell Ferries

- ❖ Case studies, experience so far, best practices
- ❖ Key risks and challenges
- ❖ Outlook and opportunities
- ❖ OEM perspective

Session 6: Electric Zero-emission Ferries

- ❖ Case studies, experience so far, best practices
- ❖ Converting/retrofitting existing vessels to hybrid electric
- ❖ Charging infrastructure, opportunities for shoreside and in-port charging
- ❖ Terminal electrification
- ❖ OEM perspective

Session 7: Impact of Electrification on the Grid

- ❖ Role of utilities in electrification of terminals
- ❖ Impact on grid planning, operations and reliability
- ❖ Ferry agencies/operators and utility partnerships
- ❖ Energy costs
- ❖ Monitoring and controlling challenges
- ❖ Preparing for flexibility in the future

Session 8: Terminal Infrastructure

- ❖ Capital projects to rehabilitate passenger ferries, terminals and related infrastructure and equipment (including fare equipment, communication devices)
- ❖ Case studies, best practices, lessons learned
- ❖ Upcoming projects, future plans, opportunities

Session 9: Key Projects and Case Studies

- ❖ Experiences so far, key case studies
- ❖ Risks, challenges and lessons learned
- ❖ Operations and maintenance of zero emission ferries
- ❖ Future plans and upcoming projects

Note: This is a tentative agenda. Timings and topics of some sessions may change as we move closer to the date of the event.

PARTICIPATING ORGANIZATIONS

Ferry experts representing nearly 60 organizations and states/districts including Alaska, California, District of Columbia, Florida, Louisiana, Maine, Maryland, Massachusetts, Michigan, New Jersey, New York, North Carolina, Rhode Island, Texas, Virginia and Washington attended the previous edition. The participating organizations included: Anne Arundel Office of Transportation | Argonne National Laboratory | Artemis Technologies | Ascential Technologies | BAE Systems | Cape May - Lewes Ferry | Caterpillar Marine | CMBC, SeaBus | Coast Mountain Bus Company | Codename: E-lixr | Consilium Marine US Inc. | DavisNicols LLC | Elliott Bay Design Group | Eurasia Group | EV Maritime Limited | Glosten | Great Lakes Power | HamiltonJet | Hill International | Hitachi Energy | Honeywell International | International Transportation Learning Center | Jacksonville Transportation Authority | Lake Champlain Transportation Company | Mack Boring & Parts Company | Maine Department of Transportation | Maris Vessels | Matsuda & Associates LLC | Metal Shark Boats | New Jersey Department of Environmental Protection | NYC Ferry / NYC Economic Development Corporation | New York Cruise Lines | Nuvera Fuel Cell | NY Waterway | Pacific Environment | Plaquemines Port Harbor & Terminal District | PROP SF | REGENT Craft | SEAM AS | Senesco Marine | Siemens Energy | Smith Advocacy Group LLC | Southeast Conference | Southwire Company | SPOC Inverter Technologies | St. Mary's County Department of Economic Development | Techsol Marine | Texas Department of Transportation | The Cadmus Group | The Steamship Authority | US Department of Energy (DOE) | United States Marine Highway | Maritime Administration, USDOT | US Environmental Protection Agency (EPA) | Wärtsilä Canada Inc. | Western Carolina University | Etc.

ABOUT THE ORGANISERS

Global Mass Transit is a leading provider of information and analysis on the global mass transit industry. We publish a monthly market intelligence report (Global Mass Transit Report), a weekly newsletter (Global Mass Transit Weekly) and operate the www.globalmasstransit.net (website).

We publish multi-client research studies and undertake custom research assignments. Global Mass Transit tracks developments in over 100 countries across all regions to ensure reliable and actionable research. Some of our leading research reports are Europe Bus Market Outlook Report 2022-2031, Asia Pacific Bus Market Outlook Report 2021-2030, Global Transit Ticketing & Fare Collection Report, Global Upcoming Light Rail Projects Report & Database 2022-2036, Global Upcoming Metro Rail Projects Report and Database 2022-2036, etc.

Global Mass Transit also organises conferences on topical and crucial issues with focused sessions and discussions featuring speakers with vast experience and expertise in North America, Europe, Asia Pacific, the Middle East and Africa.

Global Mass Transit regularly organises conferences on **Zero Emission Ferries US (San Francisco, Arlington); Clean Buses in North America (San Francisco, Washington, DC, Toronto), Europe (Amsterdam, London), APAC (Singapore) and in the Middle East and Africa (Dubai); Fleet Electrification (Amsterdam, Washington, DC); and on Hydrogen-fuelled Buses and Infrastructure in Europe (Amsterdam).**

DELEGATE FEE

Delegates	Price before January 17, 2025	Price before February 07, 2025	Standard Fee
One Delegate	USD 750	USD 850	USD 1,000
Two Delegates	USD 1,350	USD 1,530	USD 1,800
Three Delegates	USD 1,950	USD 2,210	USD 2,600
Four Delegates	USD 2,550	USD 2,890	USD 3,400
Special Category*	USD 350	USD 425	USD 500

*There is a special low fee for government agencies, regulatory authorities, academia and research institutions change to *There is a special low fee for transit agencies, ferry operators, government agencies, regulatory authorities, academia and research institutions

SPONSORSHIP

As our partner at the event, your company will receive the following benefits:

Option 1 Sponsor - USD 4,500

15% 'early-bird' discount until December 13: USD 3,825

- Speaking slot/ Presentation of 10-15mins
- Branding on all marketing collaterals/ materials
- Branding on all communication of the conference
- Branding on all event paid promotional campaigns
- Social media posts
- Table space at the venue
- 2 delegate registrations (excluding the speaker)

Option 2 - USD 8,000

15% 'early-bird' discount until December 13: USD USD 6,800

- Speaking slot/ Presentation of 10-15 mins
- Moderating a panel discussion
- Branding on all marketing collaterals/ materials
- Branding on all communication of the conference
- Branding on all event paid promotional campaigns
- Social media posts
- Table space at the venue
- 5 delegate registrations (excluding the speaker)

Exclusive Lanyard Sponsor – USD 7,000

15% 'early-bird' discount until December 13: USD 5,950

- Named Lanyard Sponsor
- Branding on all marketing collaterals/ materials
- Branding on all communication of the conference
- Branding on all event paid promotional campaigns
- Social media posts
- 2 delegate registrations
- Lanyards to be provided by company

Exhibitor – USD 3,500

15% 'early-bird' discount until December 13: USD 2,975

- Branding on all marketing collaterals/materials
- Branding on all communication of the conference
- Branding on all event paid promotional campaigns
- Social media posts
- Table space at the venue
- 1 delegate registration

Coffee Sponsor – USD 3,500

15% 'early-bird' discount until December 13: USD 2,975

- Named Coffee Sponsor
- Branding on all marketing collaterals/ materials
- Branding on all communication of the conference
- Branding on all event paid promotional campaigns
- Social media posts
- 1 delegate registration

Exclusive Wifi-USD 7,000

15% 'early-bird' discount until December 13: USD 5,950

- Named Wifi Sponsor
- Tent cards with branding (to be placed on tables)
- Branding on all marketing collaterals/materials
- Branding on all communication of the conference
- Branding on all event paid promotional campaigns
- Social media posts
- 2 delegate registrations

TERMS AND CONDITIONS

Payment Policy

- Full payment must be received prior to the conference in USD.

Cancellations

- Cancellation requests received in writing 30 days before the date of the conference will be eligible for a full refund, minus a service charge/administration fee of USD150. We regret that no refunds will be made for any cancellation requests received less than 30 days prior to the conference.
- Substitutions/Name changes are welcome at no extra charge. Please send these in writing at least two days prior to the conference.

Disclaimer

- Global Mass Transit shall assume no liability whatsoever in case the conference is postponed or cancelled due to a fortuitous event or unforeseen occurrence that renders its organization impractical, illegal or impossible. For purpose of this clause, a fortuitous event shall include, but not be limited to: war, fire, labor strike, extreme weather or other emergency. Global Mass Transit's responsibility is limited to the return of registration fees only, and not any travel and accommodation costs.
- Please note that it may become necessary for reasons beyond the control of the organizers to make alterations to the content and timing of the program or speakers.

CONTACT US

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