



DGS-IME(I)
Green Shipping Conclave 2025
Second Edition

Thursday - 20th February 2025
The Westin Mumbai Powai Lake



FOR QUERIES – CONTACT: MUMBAI@IMARE.IN • 9930977647/9920308893
<https://greenshippingconclave.in>



**DGS-IMEI GREEN SHIPPING CONCLAVE
MUMBAI-2025**

ABOUT GREEN SHIPPING CONCLAVE 2025

The DGS-INMARCO Green Shipping Conclave 2022, held in Mumbai in November 2022, was a milestone in India's maritime decarbonization journey. Attended by Shri Sarbananda Sonowal, Honourable Union Cabinet Minister of Ports, Shipping, and Waterways, senior IMO officials, and key industry stakeholders, the event provided a critical platform to evaluate India's strengths and challenges in achieving maritime decarbonization, setting the stage for future actions.

Building on the success of GSC-2022, the Directorate General of Shipping (DGS), in collaboration with the Institute of Marine Engineers (India) (IMEI(I)), proudly presents the Green Shipping Conclave 2025 (GSC-2025) on 20th February 2025 at The Westin Mumbai Powai Lake. This event will bring together industry leaders, policymakers and innovators to advance solutions enabling Indian shipping to achieve a 5% uptake in alternative fuels by 2030 and set a trajectory for net-zero GHG emissions by 2050.

GSC-2025 will feature dignitaries such as Mr. Arsenio Domingues, Secretary General of the IMO, and Shri Sarbananda Sonowal, Hon'ble Union Cabinet Minister of Ports, Shipping & Waterway. The conclave will serve as a platform for presenting innovative ideas, sharing insights, and fostering collaborations to overcome decarbonization challenges.

As India strengthens its leadership in sustainable maritime practices, GSC-2025 will drive cross-industry cooperation and actionable strategies, reaffirming the nation's commitment to a greener maritime future.

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Shri. Sarbananda Sonowal

Hon'ble Union Cabinet Minister,
Ministry of Ports, Shipping & Waterways



Shri. Arsenio Dominguez

Hon'ble Secretary General,
International Maritime Organization (IMO)



Shri. T. K. Ramachandran

Secretary,
Ministry of Ports, Shipping & Waterways



Shri. Rajesh Kumar Sinha

Additional Secretary
Ministry of Ports, Shipping & Waterways



Shri. Shyam Jagannathan

Director General of Shipping
Ministry of Ports, Shipping & Waterways



Dr. (Mrs) Malini V Shankar

Vice Chancellor
Indian Maritime University

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Session-1

Green Fuels for Maritime India

Following the deliberations on green fuels during the Green Shipping Conclave (GSC) 2022, India has undertaken several significant initiatives to promote sustainable energy solutions for the maritime sector. These include the National Green Hydrogen Mission, the Methanol Policies, and the National Biofuel Policy. This discussion aims to reassess the availability of alternative fuels for the shipping industry in India, with a focus on implementation timelines, projected volumes, and associated costs. Additionally, it will evaluate the potential for positioning India as a leading bunkering hub for green fuels, particularly in light of the growing demands of the foreign-going fleet.

Session-2

Green Ships and Technologies in India

Building on the discussions from GSC 2022 regarding the availability of green technologies in shipping, the upcoming Conclave will explore the application of these technologies across various vessel types, including tugs, short-run passenger ships, barges and offshore vessels within the domestic context. It will evaluate the progress made by Indian shipyards in constructing green ships and retrofitting existing vessels with alternative technologies, focusing on time-bound, cost-effective solutions. The discussions will also align with the 'Make in India' initiative, aiming to minimize transition costs while advancing the adoption of sustainable maritime practices.

Session-3

Green Ports, Shore Power, JIT-Green Corridor

Building on the discussions from GSC-2022, this panel will explore the pivotal role of green ports in optimizing operations and acting as key hubs for green shipping. It will also examine the potential for shore power generation in India, emphasizing the need for advanced port technologies. Additionally, the panel will address the importance of energy-efficient dredgers and harbor crafts, while highlighting the establishment of Green Corridors through international cooperation as a critical step toward sustainable maritime practices.

Session-4

Green Recycling

Understanding the need of a circular economy towards achieving the goals of UNSDGs and to fulfil the objective of Maritime India vision-2030 of "Waste to Wealth", as a new initiative, this panel discussion in the upcoming conclave will explore the sustainable methods of Ship recycling and the available Green options having in mind of the upcoming global regulatory requirements. The discussions will also look for the innovative pathways of adoption of technology, upgradation of the infrastructure in minimization of waste, avoidance of environmental degradation having in mind of a better living and working conditions of the workers in the Ship breaking industry.



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Session-5 Green Finance

Building on the discussions from GSC 2022, the upcoming Conclave will focus on fostering cooperation and exploring viable financial models to support green shipping in India. Financing the green transition in the shipping industry presents significant challenges for investors, including high capital expenditures, fragmented ownership, and uncertainties related to technology adoption. The Conclave will address these issues and explore strategies to mitigate risks, ensuring a sustainable and financially viable transition for the sector.

Session-6 International Cooperation

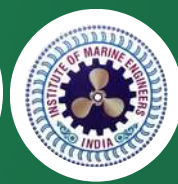
Building on the momentum from GSC-2022, the Green Shipping Conclave-2025 will explore pathways to address the global climate challenge through strengthened international cooperation in advancing green shipping. The panel discussions will focus on enhancing existing collaborations and fostering new partnerships through various international initiatives. By leveraging the progress made by several countries in zero-emission shipping and green technology, the conclave aims to promote collective advancements toward sustainable maritime solutions.

Session-7 CEO Forum

In this session, leading Indian shipowners will focus on enhancing operational efficiency for ageing ships and exploring investments in new green technologies. With the 2030 decarbonization targets in mind, the discussion will emphasize the adoption of green retrofit technologies and the need for seafarers to acquire updated skills to adapt to these emerging technologies and alternative fuels, ensuring the global competitiveness of the Indian maritime workforce.

Session-8 Summary of the Green Shipping Conclave

The concluding session of the Green Shipping Conclave will bring together insights from the day's discussions, led by the LR Team. This dedicated summary will highlight key takeaways, themes, and future directions emerging from the Conclave. Additionally, the session will delve into three pivotal consultative documents that are set to be unveiled during the Valedictory session by the Hon'ble Minister. These documents include the Detailed Project Report (DPR) on the Indian Ocean Centre of Excellence for Sustainable Maritime Transport (IOCE-SMarT), the National Green Shipping Policy (NGSP), which outlines India's vision for an environmentally sustainable and innovative maritime sector, and the Future Fuel Strategy for Maritime India, aimed at guiding the transition to cleaner energy sources in the industry.



Session-9 Policy Maker’s Forum

The panel discussion on policy initiatives at the Green Shipping Conclave 2025 will convene senior government officials and key policymakers from India’s maritime sector. This session aims to offer critical insights into the transformative landscape of green shipping, spotlighting the government’s strategic vision and policy frameworks shaping the maritime industry’s future. Discussions will delve into India’s forward-looking strategies, particularly the Maritime India Vision 2030 (MIV 2030) and the Maritime Amrit Kaal Vision 2047 (MAKV 2047), presenting a comprehensive roadmap for sustainable growth and innovation in the country’s maritime sector.

Session-10 Technical Paper Presentation Forum

The Technical Paper Presentation Forum at GSC-2025 will serve as a dynamic platform for professionals, academics, researchers, and students to present pioneering research and innovative solutions in the maritime sector. This forum will foster knowledge exchange and collaboration, with a strong emphasis on green shipping, emerging technologies, and sustainable maritime development. Participants will have the opportunity to showcase their work to industry leaders, policymakers, and peers, contributing to the advancement of a sustainable maritime future.

Session-11 Students Forum

The exclusive student session at GSC-2025 offers a unique platform for aspiring maritime professionals from diverse academic backgrounds to present their research and innovative ideas. This session aims to nurture future leaders by showcasing their contributions to green shipping, emerging technologies, and sustainable maritime practices. Selected students will engage with industry experts and peers, fostering meaningful dialogue and paving the way for impactful advancements in the maritime sector.

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Registration Link: <https://rzp.io/rzp/cxSEGFj0>



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KEYNOTE

SPEAKERS





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MEDIA SUPPORTERS;

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