



Harit Sagar Samachar

October 2025 | Issue 7

Welcome Note

Welcome to the Seventh Issue of Harit Sagar Samachar.

We are pleased to present the latest edition of **Harit Sagar Samachar**, your go-to source for innovations, updates, and best practices in sustainable maritime operations. This publication is designed to inform, inspire, and connect professionals dedicated to reducing the environmental footprint of ports and shipping activities.

In This Issue

1. Featured Blogs..... 2
2. Featured Article: Navigating the Path to Sustainability: Decarbonizing India's Ports and Shipping Industry 4
3. Green Initiatives 7
4. News Highlights..... 9
5. Maritime Policies & Guidelines 11
6. Latest Announcements.....12





Featured Blogs

Green Maritime Day 2025: Powering India's Voyage Towards a Sustainable Green Future

Ayushi Srivastava,
Associate Fellow, NCoEGPS

India's maritime transformation is setting sail! The stage is set for Green Maritime Day during the India Maritime Week which is slated to be held in Mumbai. A dynamic convergence of technology, innovation, and purpose, steering the nation towards a cleaner and more resilient maritime ecosystem would be witnessed on October 28, 2025. Organized by the Rocky Mountain Institute (RMI), National Centre of Excellence for Green Port and Shipping (NCoEGPS), and Lloyd's Register, in partnership with the Ministry of Ports, Shipping and Waterways (MoPSW), the flagship event will bring together world-renowned experts, policymakers and industry pioneers to explore next-generation solutions for maritime decarbonization.

From green shipping corridors and multi-fuel bunkering hubs to zero-emission trucking, pollution control, and shore power integration, each session would dive into practical pathways and global best practices that can redefine how India trades, transports, and thrives. The deliberations will decode not just policies and infrastructure, but the science and systems behind sustainable maritime innovation. This isn't a conference for industry alone—it is a call to the youth of India, innovators, and changemakers who want to understand the difference between greening and greenwashing. The discussions will inspire actionable ideas, collaborations, and bold thinking for a truly decarbonized future.

Visit <https://imw.org.in/> to register and join us in Mumbai. Share your ideas or questions at ncoegps@green-port-shipping.org—before, during, or after the event.

Let's rethink, refuel, and reshape the maritime world — because the tide towards sustainability waits for no one!

Navigating Sustainability: Meet the Visionaries at India Maritime Week 2025

Mansi Chawla,
Research Associate, NCoEGPS

Meet the trailblazers! India Maritime Week 2025 is bringing together the brightest minds in maritime sustainability and Green Maritime Day is at the heart of this conversation. On October 28, 2025, the industry leaders, policymakers and innovators will share insights on key topics related to the future of sustainable maritime operations.

The day's sessions will feature a diverse lineup of speakers who are at the forefront of maritime sustainability. The session on "Tackling Marine and Port Pollution: Strategies for a Cleaner Maritime Sector" will feature representation from the World Maritime University, setting a global academic context for maritime sustainability. With experts from leading companies driving innovation, including Mr Philip Chaabane, Managing

Director of Berg Propulsion, and Mr Amit Anshu, VP & Global Head at ZeroNorth, this session will showcase transformative technologies and strategies, offering practical takeaways for industry leaders, port authorities, and decision-makers committed to green shipping. Shri Rajesh Soundararajan, IAS, Deputy Chairperson of VOCPA, and Shri Rajkumar Beniwal, IAS, Vice Chairperson and CEO of Gujarat Maritime Board will bring their policy expertise and strategic insights, highlighting India's initiatives to manage marine and port pollution effectively. Mr Jonas Sørberg Erlandsen of BAWAT will share industry-leading solutions for ballast water management, demonstrating how technology can

support cleaner maritime operations. The discussion will be moderated by Dr Jose Matheickal, Director, Technical Cooperation and Implementation Division (TCID), International Maritime Organization (IMO).

Building on the discussions around sustainable shipping, the day will proceed with a session on "Enabling Shore Power Development for Indian Ports". The panel will feature Mr Rakshith Sachitanand of Echandia, Mr Anil Devli, CEO of INSA, representatives from the Port of Rotterdam, and Mr Sunay Mukerjee, MD & COO of Gateway Terminals India (APM Terminals Mumbai), each bringing diverse perspectives from technology providers, shipowners, global ports, and terminal operators. Mr Ambrish

Bansal, Senior Vice President at Lloyd's Register, will moderate the discussion, steering it through key themes of technology integration, policy readiness, and sustainable energy transition. The session is poised to offer valuable insights for port developers, energy planners, and maritime strategists working towards decarbonizing India's port ecosystem.

Anchors will be aweigh for insights! A wealth of knowledge, real-world solutions, and inspiration will be on offer, and these sessions will deliver it all.

Visit <https://imw.org.in/> to register and join us in Mumbai. Share your ideas or questions at ncoegps@green-port-shipping.org

Green Corner

Alang-Sosiya: The Anchor of India's Maritime Transformation

India is the world's second-largest ship recycler after Bangladesh.

- Alang-Sosiya Ship Recycling Yard, Gujarat, handles 98% of India's ship recycling and 32.6% of global recycling.
- Generates about 3.5 million tonnes of recycled steel annually, reducing the need for mining and raw material extraction.
- Produces re-rollable steel with lower energy, water, and emission footprints compared to traditional steelmaking.
- Houses nearly 100 yards following Hong Kong Convention standards for safe, eco-friendly recycling.
- Has the potential to cut 7.34 million tonnes of CO₂ emissions every year versus conventional steel production.

Alang presents a model for responsible ship recycling, supporting India's net-zero 2070 goal and promoting circular economy practices. [Read More....](#)



Navigating the Path to Sustainability: Decarbonizing India's Ports and Shipping Industry

India's maritime sector plays a crucial role in the nation's economy, driving international trade and positioning the country as a significant player in global shipping. However, it is also a major contributor of greenhouse gas (GHG) emissions. Reducing emissions from shipping and port operations is not just an environmental responsibility but an economic and social necessity. A green maritime ecosystem must focus on three key areas—reducing the carbon footprint of port operations, enabling cleaner vessels, and fostering low-carbon industrial clusters around ports. Achieving these goals will help India meet its climate commitments, including achieving net-zero emissions by 2070 as a part of its long-term climate strategy. These efforts will not only align with global environmental goals but also

solidify India's role as a leader in sustainable global trade.

Current Situation: Ship and Coastal Emissions in India

Ship Emissions in India

The global shipping sector accounts for around 2–3% of total GHG emissions.¹ As one of the largest maritime nations, India contributes significantly to this figure. In 2020, India's domestic shipping sector emitted approximately 24 million tonnes of CO₂, primarily from large commercial vessels and smaller domestic ships.² By 2030, this level is expected to rise by 50% as shipping traffic continues to rise.¹

Ports like Jawaharlal Nehru Port (JNPT) and Chennai Port, which

handle high traffic volumes, contribute significantly to emissions. These emissions stem mainly from the burning of bunker fuel and emissions from the auxiliary engines of docked vessels.³

Coastal Emissions in India

India's coastal regions, especially those near major ports, are facing significant pollution due to maritime activities. Diesel-powered vessels, port operations, and related transportation contribute to the emission of particulate matter (PM), nitrogen oxides (NO_x), sulphur oxides (SO_x), and CO₂. Cities like Mumbai, Chennai, and Kochi are particularly impacted by these emissions.⁴

Additionally, ship emissions have a detrimental impact on coastal ecosystems such as

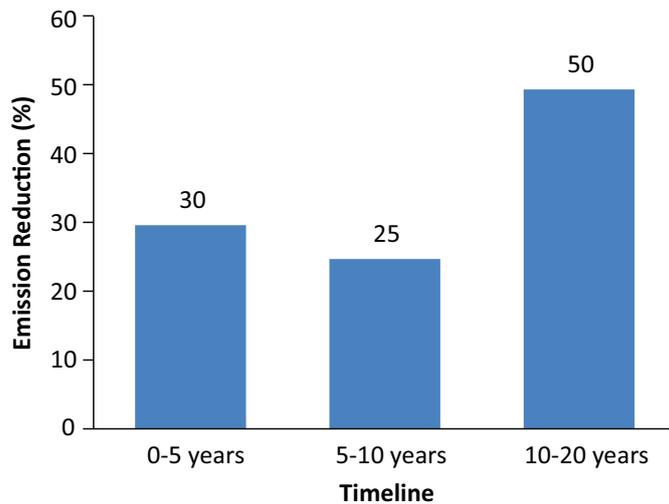
¹ International Maritime Organization (IMO). Fourth IMO GHG Study 2020.

² Ministry of Ports, Shipping, and Waterways (MoPSW). National Action Plan on Climate Change (NAPCC), 2021.

³ National Maritime Foundation. Ship Emissions in India: Analysis and Policy Recommendations, 2021.

⁴ Greenpeace India. Air Pollution from Ports: Impact on Coastal Regions, 2021.





mangroves and fisheries, which are vital to the local economy. NOx emissions contribute to acid rain, harming coastal vegetation and soil quality.⁵

Recommended Actions for Decarbonization

Port-level Measures

1. Carbon Capture, Utilization and Storage (CCUS)

Ports should take a leadership role by implementing CCUS infrastructure, similar to Rotterdam's offshore projects, to capture and store carbon emissions. This will position ports not only as gateways but also as active contributors to

climate solutions.⁶

2. Fuels of the Future

Ports need to invest in infrastructure for hydrogen pipelines, ammonia, and methanol handling, while ensuring safe storage systems are in place. This will prepare the ports for future energy demands and facilitate a smooth transition to cleaner fuels.⁷

3. Electrification and Renewable Energy

Indian ports should aim for 100% renewable electricity consumption and gradually electrify yard equipment. Implementing shore power at major ports will help significantly reduce emissions from auxiliary engines.⁸

4. Incentive Mechanisms (Green Call-Fees)

Introducing green call-fees will reward vessels that adopt low-emission technologies, encouraging cleaner operations across the sector. This would create a financial incentive for adopting green technologies.⁹

Shipping Lines

1. Operational Efficiency

Shipping lines can reduce emissions by adopting just-in-time scheduling, fixed-day arrivals, and reducing speeds by 10%. A 10% reduction in speed can lead to a 20% reduction in fuel consumption and emissions.¹⁰

2. Fleet Transition

Shipping companies should prioritize the purchase of dual-fuel ships and retrofit older vessels to use alternative fuels such as LNG and hydrogen. Committing to long-term green fuel contracts will accelerate this shift and encourage investment in cleaner technologies.¹¹

3. Green Corridors

Establishing green shipping corridors, where only low-

⁵ Indian Coast Guard. National Oil Spill Disaster Contingency Plan (NOS-DCP), 2021.

⁶ Port of Rotterdam Authority. Porthos CCS Project Overview, 2023.

⁷ OECD-ITF. Decarbonising Maritime Transport: Pathways to 2050, 2018.

⁸ European Commission. Hydrogen Strategy for a Climate-Neutral Europe, 2020.

⁹ World Economic Forum. ESG in Maritime: From Compliance to Culture, 2022.

¹⁰ Smith, T. *et al.*, CO₂ Emissions Reduction in Shipping through Speed Optimization, Marine Policy Journal, 2016.

¹¹ Clarkson Research. Alternative Fuels in Shipping: Market Outlook, 2022.



emission vessels operate, will help concentrate investments in clean technologies and encourage the widespread adoption of green fuels.¹²

Potential Emission Reduction and Benefits

Emission Change Projections from Implemented Actions

- **Short-term (0–5 years)**

Implementing shore power and electrification of port equipment could reduce local emissions by 20–30% at major ports. Operational optimizations such as just-in-time arrivals and green call-fees could result in a 10–15% reduction in shipping emissions in the next 5 years.

- **Medium-term (5–10 years)**

Fleet transition and adoption of dual-fuel vessels could reduce emissions by 20–30% as cleaner technologies gain momentum. Hydrogen

adoption in ports and shipping could contribute to 15–20% emission reductions.¹³

- **Long-term (10–20 years)**

A fully decarbonized shipping corridor network in India could lead to a 40–50% reduction in emissions as infrastructure investments facilitate the adoption of alternative fuels.⁷

Conclusion

The decarbonization of India's shipping and ports is not merely an environmental goal but a practical pathway that leads to operational efficiency, cost reduction, and environmental stewardship. By aligning port operations, incentivizing clean technologies, and fostering collaborations across the maritime value chain, India can position itself as a global leader in sustainable maritime logistics. The implementation of the recommended actions will not only result in significant emission reduction but also enable India to

meet its international climate commitments, ultimately paving the way for a cleaner, greener maritime future.

The efforts undertaken by MoPSW in aligning India's maritime sector with global standards for emission reduction and sustainable practices are commendable. Through the strategic adoption of initiatives like the National Action Plan for Climate Change (NAPCC), LNG, shore power and alternative fuels, India is moving closer to decarbonizing its ports and shipping industry. The Merchant Shipping (Amendment) Bill, 2020, which aligns India's regulations with the IMO standards, and the Ports (Development and Regulation) Act, 2008, are pivotal in driving these changes, supporting India's leadership in green maritime logistics.

Nandhakumar Subramanian Kalaimani
Adjunct Faculty
Indian Maritime University,
Chennai

¹² Getting to Zero Coalition. Green Shipping Corridors Report, 2021.

¹³ International Energy Agency (IEA). Global Hydrogen Review 2023.

DID YOU KNOW?

If you are currently using diesel, switching to methanol will reduce CO₂ (tank-to-wake) emissions by up to 7%, SO_x emissions by up to 99% and NO_x emissions by up to 60% compared to HFO operation. [Read more...](#)





Green Initiatives

National Initiatives

Three Major Ports Recognized as Green Hydrogen Hubs under National Green Hydrogen Mission

The Ministry of New and Renewable Energy (MNRE) has formally recognized three major ports—Deendayal Port Authority (Gujarat), VO Chidambaranar Port Authority (Tamil Nadu), and Paradip Port Authority (Odisha) as green hydrogen hubs under the National Green Hydrogen Mission (NGHM). This recognition marks a significant step towards creating an integrated hydrogen ecosystem and advancing India's transition towards clean energy. [Read more...](#)

MDL signs MoU with Tamil Nadu Government to Develop World-class Greenfield Shipyard on Eastern Coast

Under the framework of the Government of India's Maritime Amrit Kaal Vision 2047, Mazagon Dock Shipbuilders Limited (MDL), a defence PSU under the Ministry of Defence, has inked an MoU with Guidance Tamil Nadu, the state's nodal agency for

investment promotion and facilitation, on September 19, 2025, to explore the development of a world-class greenfield shipyard on India's eastern coast. [Read more...](#)

Shipping Minister Sonowal Unveils Green Hydrogen Pilot Project at VOC Port

The Union Minister of Ports, Shipping and Waterways (MoPSW), Shri Sarbananda Sonowal inaugurated India's first port-based green hydrogen pilot project at VO Chidambaranar (VOC) Port, marking a major step in India's clean energy transition. Built at a cost of ₹3.87 crore, the 10 Nm³/hr pilot facility will generate green hydrogen to power streetlights and an electric vehicle charging station in the port colony. With this launch, VOC Port has become the first port in the country to produce green hydrogen. [Read more...](#)

NGEL, VOC Port ink MoU to Establish Green Hydrogen Fuelling Station at Tuticorin Port

NTPC Green Energy Ltd (NGEL), the renewable arm

of NTPC, has signed an MoU with the VO Chidambaranar Port Authority in Tuticorin, Tamil Nadu, to scale up green energy adoption at the port. The partnership will see NGEL set up a green hydrogen fuelling station at the VOC Port and deploy hydrogen-powered trucks to support port operations. [Read more...](#)

New Ship Technology Centre Launched in Visakhapatnam

Union Shipping Minister, Shri Sarbananda Sonowal opened a dedicated ship technology centre in Visakhapatnam, stepping up efforts to reduce reliance on foreign designs. The step is taken to build India among the world's top ten in the global shipbuilding league by 2030. It is designed as a hub for indigenous ship design, research and skills training, and will act as a single-window service provider for consultancy, training and policy inputs. [Read more...](#)



International Initiatives

Greece to Invest €585 million in Modernization of Port Infrastructure

The Greek government has announced a €585 million (\$680 million) investment plan to modernize the country's port infrastructure, focusing on enhancing connectivity, competitiveness and sustainability. [Read more...](#)

Nigerian Port Authority and APM Terminals Sign MoU for Green Operations in Nigeria

The MoU signed between the two parties sets out a phased plan to electrify container freight and reduce reliance on fossil fuels in Nigeria. According to the MoU, Onne Port is set to be Nigeria's first green port and will serve as a model for other logistics systems in West Africa. Nigerian authorities have

stated that instead of slowly phasing out fossil fuels, they intend to leapfrog ahead and go directly to electrification using proven technologies.

[Read more...](#)

Maldives to get its First Shore Power Installation

This is the first shore power installation in the Maldives and marks an important step in the country's efforts to reduce carbon emissions at its ports. It also serves as a significant reference in the region, creating opportunities for further projects in neighbouring island nations and South Asia. [Read more...](#)

Port of Long Beach Invests \$102 million for a Greener Future

This funding is being implemented through the California State Transportation Agency's System-Wide Investment in Freight Transport (SWIFT) initiative, designed to enhance goods movement

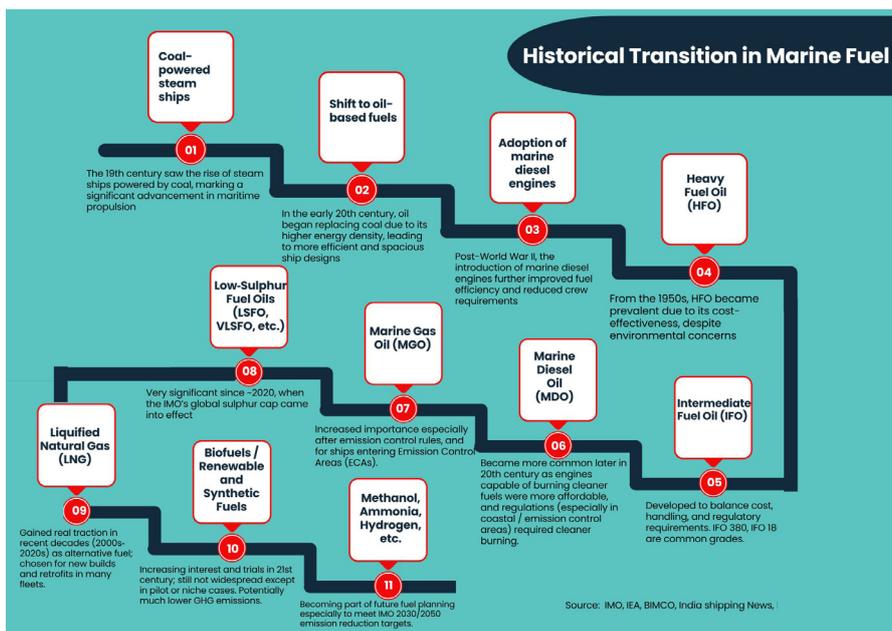
efficiency while reducing environmental impacts on surrounding communities. Of the total investment, \$93.4 million will fund 65 fully zero-emission, manually operated cargo-handling units along with associated charging infrastructure, as well as upgrades or replacements for 37 marine engines with cleaner or zero-emission alternatives.

[Read more...](#)

Port of Klaipeda Commences Shore Power Installation

The new station at the Fleet Base quay will soon be connected to the power grid for testing. It will supply electricity to the port authority's fleet, especially the nearly completed hydrogen and electric-powered waste collection vessel. The port authority is funding this project itself, with a total cost of nearly €601,000 including VAT.

[Read more...](#)





News Highlights

China unveils initiative to promote international green shipping corridors

October 20, 2025 |
Source: China.org.cn

China's Ministry of Transport has launched the Initiative for International Cooperation on Green Shipping Corridor, aiming to create a safer, more efficient, and greener global shipping ecosystem. The initiative includes seven key measures, including expanding green shipping corridors, developing green and low-carbon vessels, developing near-zero-carbon ports, enhancing green fuel supply capacity, leveraging government-market collaboration, sharing best practices, and supporting innovation. [Read more...](#)

New guidance provides industry-first roadmap for nuclear-powered shipping

October 18, 2025 |
Source: Sagar Sandesh

The maritime sector is re-evaluating nuclear power as a potential solution to achieve net-zero emissions. A guidance developed in partnership with Global Nuclear Security Partners (GNSP) and marine insurer NorthStandard, outlines the regulatory, technical, operational, and financial requirements for integrating nuclear technology into maritime assets. The document also highlights the roles of key

bodies like the International Maritime Organization and the International Atomic Energy Agency in harmonizing maritime and nuclear standards. [Read more...](#)

MoPSW highlights ₹19,989 crore Shipbuilding Development Scheme ahead of India Maritime Week 2025

October 9, 2025 |
Source: India Shipping News

The Shipbuilding Development Scheme (SbDS) is a major step by the Government of India to strengthen domestic shipbuilding, with a total budgetary support of ₹19,989 crore from FY 2026 to FY 2036.

The scheme focuses on Greenfield capacity expansion (₹9,930 crore) to establish new shipbuilding facilities and Brownfield capacity expansion (₹8,261 crore) to modernize and enlarge existing shipyards. [Read more...](#)

India Strengthens Maritime 'Atmanirbharata' as VLGC Shivalik Anchors under India's Flag: Shri Sarbananda Sonowal

October 6, 2025 | Source:
Press Information Bureau

The Union Minister, Shri Sarbananda Sonowal received country's third very large gas carrier (VLGC) Shivalik under the Indian flag marking a proud milestone in India's maritime resurgence and energy security, as envisioned by PM

under the Maritime Amrit Kaal Vision 2047. The 82,000 CBM VLGC Shivalik, named after the Himalayan range, was inducted into SCI's fleet on September 10, 2025, and joins Sahyadri and Anandamayi as the corporation's third VLGC. Built in South Korea, the 225-metre-long carrier represents cutting-edge maritime engineering with segregated tanks, advanced temperature control, and compliance with global safety and efficiency standards. [Read more...](#)

Patna to Launch Electric Water Metro on the Ganga

September 29, 2025 | Source:
Maritime Gateway

Patna is preparing to introduce its first electric water metro service later this year, bringing the Bihar capital in line with cities like Mumbai and Goa that have embraced modern urban water transport. The project promises to ease congestion, cut emissions, and offer a unique tourism experience along the Ganga. [Read more...](#)

The Indian Ports Act, 2025

September 28, 2025 | Source:
Press Information Bureau

The Indian Ports Act, 2025 replaces outdated provisions of the Indian Ports Act, 1908, with modern & contemporary regulations. The Act establishes Maritime State Development Council (MSDC) as a statutory consultative body to coordinate between



the Centre and coastal states. The legislation mandates global green norms, disaster readiness for Indian ports. It simplifies port procedures & digitize operations to enhance ease of doing business. [Read more...](#)

MoU Exchange Secures over ₹66,000 Crore Investment, Boosts Atmanirbhar Shipbuilding

September 28, 2025 | Source: Press Information Bureau

A Memorandum of Understanding (MoU) exchange ceremony marked the signing of 27 MoUs between public and private sector stakeholders, state governments, and international partners. These agreements represent a significant commitment to the growth of India's maritime and shipbuilding sector, with an investment and development potential of over ₹66,000 crore. [Read more...](#)

Cabinet approves ₹69,725 crore Package to Revitalize India's Shipbuilding and Maritime Sector

September 24, 2025 | Source: Press Information Bureau

The Union Cabinet, led by Prime Minister Narendra Modi, has approved a ₹69,725 crore package to revitalize India's shipbuilding and maritime ecosystem. The package aims to strengthen domestic capacity, improve long-term

financing, promote greenfield and brownfield shipyard development, enhance technical capabilities, and implement legal, taxation, and policy reforms to create a robust maritime infrastructure. [Read more...](#)

Cochin Shipyard moves towards Atmanirbhar Bharat; signs MoU with HD Korea for Long-term Shipbuilding Collaboration

September 23, 2025 | Source: Press Information Bureau

Cochin Shipyard Limited (CSL) has signed an MoU with HD Korea Shipbuilding & Offshore Engineering (HD KSOE) for a strategic collaboration in shipbuilding. The MoU was exchanged during the "Samudra se Samridhi – Transforming India's Maritime Sector" event, inaugurated by Prime Minister Shri Narendra Modi. The partnership aims to combine CSL's legacy, infrastructure, and domestic expertise with HD KSOE's advanced technology and global experience, strengthening India's shipbuilding capabilities. [Read more...](#)

India to Develop Bahuda Port in Odisha as New Major Maritime Hub

September 22, 2025 | Source: Safety4Sea

India is set to develop its maritime network by building a major port at Bahuda in

Odisha. The Bahuda Port will be jointly developed by the Odisha state government, the Sagarmala Finance Corporation Ltd (SFCL), and the Paradip and Visakhapatnam Port Authorities. [Read more...](#)

Parliament passes Merchant Shipping Bill, 2025 after Rajya Sabha Adoption

September 11, 2025 | Source: Press Information Bureau

The Merchant Shipping Bill, 2025, has been passed by the Parliament and Rajya Sabha, aiming to modernize India's maritime framework by aligning domestic laws with international best practices & International Maritime Organisation (IMO) conventions, ensuring that India's maritime sector remains equipped, ready and relevant to the contemporary and future challenges. [Read more...](#)

Multi-party Effort set to Explore Marine Batteries and Electrification

September 11, 2025 | Source: Safety4Sea

Representatives from ABS, University of Michigan, Singapore Institute of Technology (SIT) and Sea Forrest Technologies (S) Pte Ltd signed an MoU to explore batteries and electrification in maritime applications. [Read more...](#)





Upcoming Events

World Ports Conference 2025

October 7–9, 2025

Kobe, Japan [Read more...](#)

BALTEXPO 2025

October 7–9, 2025

Gdańsk, Poland [Read more...](#)

Digitalized Smart Ports Conference

October 15–16, 2025

Valencia, Spain [Read more...](#)

India Maritime Week (IMW), 2025

October 27–31, 2025

Bombay Exhibition Centre, Goregaon, Mumbai, India [Read more...](#)

Green Maritime Day 2025: Powering India's Voyage Towards a Sustainable Green Future

October 28, 2025

Bombay Exhibition Centre, Goregaon, Mumbai, India [Read more...](#)

5th Annual Capital Link German Maritime Forum

November 5, 2025

Hamburg, Germany [Read more...](#)

Zero Emissions Cruising Conference

November 17–18, 2025

Bergen, Norway [Read more...](#)

Maritime Navigation Innovation Webinar Week

November 25–26, 2025

Online [Read more...](#)

Green Inland Ports Final Conference

November 26–27, 2025

Vienna, Austria [Read more...](#)

Maritime Policies & Guidelines

Shipbuilding Financial Assistance Scheme (SBFAS)

The Shipbuilding Financial Assistance Scheme (SBFAS) has been extended till March 2036 with a total outlay of ₹24,736 crore to strengthen India's domestic shipbuilding ecosystem. The scheme aims to incentivize ship construction in India, enhance competitiveness, and promote sustainable practices through the introduction of a shipbreaking credit note worth ₹4,001 crore. Implementation will be guided by a newly formed National Shipbuilding Mission, ensuring alignment with the broader goal of transforming India into a global shipbuilding hub and advancing the vision of Atmanirbhar Bharat. [Read more...](#)

Maritime Development Fund (MDF)

The Maritime Development Fund (MDF), with a corpus of ₹25,000 crore, seeks to provide long-term financing and strengthen India's maritime infrastructure. It includes a maritime investment fund of ₹20,000 crore, featuring 49% government participation, and an interest incentivization fund of ₹5,000 crore to reduce borrowing costs and improve project viability. The MDF will support greenfield and brownfield shipyards, technology upgradation, and port-related projects, positioning India as a financially resilient and globally competitive maritime nation. [Read more...](#)



DID YOU KNOW?

Operational national waterways have increased from 3 in 2014–15 to 29 in 2024–25, highlighting the growth of 867%, connecting remote regions and boosting trade and tourism. [Read more...](#)



Latest Announcements

- **India proposes rules for crewless autonomous vessels on inland waterways**

India has released draft rules to regulate crewless autonomous vessels on inland waterways. These vessels will be remotely monitored and controlled, with owners held accountable for safety and maintenance. The guidelines also cover semi-autonomous ships, requiring minimum onboard crew based on risk assessments. The move aligns with global trends and aims to modernize inland water transport while ensuring safety and operational standards. [Read more...](#)

- **Odisha to get new major port at Bahuda with ₹215 billion Investment**

Paradip Port Authority, Visakhapatnam Port Authority, Sagarmala Finance Corporation Ltd, and the Odisha government will jointly develop a new major port at Bahuda in Odisha's Ganjam district, with an estimated investment of ₹215 billion. Once operational, the port will become the 14th major port owned by the Union government. [Read more...](#)

- **Centre aims to Boost Maritime Sector with 150 Projects by September 2025**

The MoPSW aims to complete 150 projects by September 2025. Key initiatives include Bharat Container Shipping Line, a Green Shipping Corridor, ₹100 crore for inland waterways, digital modernization, and maritime startups. [Read more...](#)

Visit the NCoEGPS Portal at <https://green-port-shipping.org> to explore resources on green ports and sustainable shipping. You can also access back issues of Harit Sagar Samachar directly at <https://green-port-shipping.org/NCoEGPSPublication>



Call for Contributions

Be a participant in the Next Issue of

Harit Sagar Samachar

Send in your:

- Short articles • Case studies • Opinions
- Photos & infographics

On themes such as Port decarbonization strategies; Green shipping corridors; Alternative fuels (LNG, hydrogen, etc.); Digital tools for sustainability; and Gender leadership in green shipping

Submit by: October 31, 2025

Send to: ncoegps@green-port-shipping.org/reetas@teri.res.in

Together Towards a Greener Future

For feedback and contributions email us at: ncoegps@green-port-shipping.org