



Harit Sagar Samachar

November 2025 | Issue 8

Welcome Note

Welcome to the eighth issue of Harit Sagar Samachar.

We are pleased to present the latest edition of **Harit Sagar Samachar**, your go-to source for innovation, 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.

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Driving the Green Maritime Agenda: NCoEGPS at IMW 2025

India Maritime Week (IMW) 2025, organized under the aegis of the Ministry of Ports, Shipping and Waterways (MoPSW), at Mumbai, from 27 to 31 October 2025, brought together global maritime leaders, policymakers, industry experts, and researchers to deliberate on the future of sustainable and digital shipping. The week-long event featured high-level sessions, technical discussions and bilateral engagements aimed at accelerating India's maritime transition towards a low-carbon and technology-driven future. NCoEGPS contributed to the India Maritime Week 2025 with a strong focus on advancing the agenda of green and sustainable shipping. The week featured two major events organized by NCoEGPS –

Green Maritime Day and the Indo-Dutch Bilateral Session, along with a Memorandum of Understanding (MoU) signing and several strategic meetings that further cemented India's position as a leader in maritime decarbonization.

MoU Signing: NCoEGPS-TERI & MARIN | October 27, 2025

A major highlight of the India Maritime Week was the signing of an MoU between TERI (through NCoEGPS) and the Maritime Research Institute Netherlands (MARIN), in the presence of the Hon'ble Union Minister for Ports, Shipping and Waterways, Shri Sarbananda Sonowal, and Mr Robert Tieman, Minister

of Infrastructure and Water Management, Netherlands.

This collaboration, aimed at advancing research and innovation in maritime sustainability, was widely covered in the media as follows:

- [Marine Insight](#)
- [Blueman Exim News \(LinkedIn\)](#)
- [PIB Press Release](#)

Green Maritime Day: Driving the Green Transition | October 28, 2025

Jointly organized by NCoEGPS, Rocky Mountain Institute (RMI), and Lloyd's Register (LR), the Green Maritime Day featured five technical sessions, two of which were led by NCoEGPS. The event drew participation from senior government officials, industry experts, and international partners committed to maritime sustainability.

Key highlights

- Launch of two flagship reports:
 - » India's Maritime Green Shift: Pioneering Energy Transition and Pollution Control



MoU signing between NCoEGPS and MARIN



Highlights from the Green Maritime Day

- » Green Port Performance Index (GPPI)
- Signing of a Terms of Reference (ToR) with the Smart Freight Centre (SFC), marking a new milestone in collaborative efforts towards green shipping.
- A keynote address by Dr Jose Matheickal, Director, Technical Cooperation and Implementation Division (TCID), International Maritime Organization (IMO), whose participation was facilitated by NCoEGPS.
- A presentation by Ms Ayushi Srivastava, Associate Fellow, TERI, on the GPPI, which generated considerable engagement from stakeholders.
- The sessions were emceed by Ms Mansi Chawla, Research Associate, TERI.

Session takeaways

- **Panel Discussion: Leveraging India's Strategic Advantage to Capitalize on Green Shipping Corridor Opportunities**
The session highlighted the importance of green shipping corridors during the early phases of maritime decarbonization. The entire panel unanimously emphasized the importance of collaboration among all members of the ecosystem to mitigate risks.

- **Panel Discussion: Empowering Indian Ports to Emerge as Hubs for Green Fuel Bunkering and Exports**

The session highlighted building infrastructure ahead of demand, creating early demand with anchor off-takers and aggregation, aligning standards/certification and safety approvals, and close industry-government coordination to de-risk investment and accelerate clean shipping fuel bunkering and exports.

- **Panel Discussion: Accelerating Adoption of Zero-Emission Trucks (ZETs) at Ports:** Drawing on the Harit Sagar Green Port Guidelines' robust policy foundation for advancing green port initiatives, this session underscored the importance of integrating zero-emission trucks (ZETs) with port operations. Highlighting MoPSW and IPA's efforts in this direction, experts discussed how ports are ideal for ZET deployment due to short routes and controlled environments. Enabling measures to enhance the feasibility of ZET operations at ports include developing green corridors, advanced charging, concessional land for charging infrastructure, lower electricity tariffs, and long-



term contracts to boost investment confidence. Private players like JM Baxi and GTI are targeting full electrification by 2026 and 2028, respectively.

- **Panel Discussion: Enabling Shore Power Development for Indian Ports**

The session explored the opportunities and challenges of implementing shore-to-ship power in Indian ports as a pathway to decarbonization and cleaner port operations. The discussion combined global best practices with India's policy direction under the Harit Sagar Green Port Guidelines (2023), which called for phased adoption of shore power infrastructure at major ports. It established that shore power is India's next frontier in port decarbonization—linking clean energy, regulatory momentum, and industrial capability to position Indian ports as competitive, climate-aligned gateways in the global maritime ecosystem.

- **Panel Discussion: Tackling Marine and Port Pollution: Strategies for a Cleaner Maritime Sector**

The session addressed the pressing issue of pollution across ships, ports, and inland waterways, focusing on

technological, regulatory, and nature-based strategies for a cleaner maritime future. Experts concluded that a cleaner maritime sector requires coupling technology-driven pollution control with ecosystem-based resilience, positioning India to lead in comprehensive, sustainable maritime governance.

Key takeaways

1. Number and amount of MoUs signed or exchanged

- Acme Green Hydrogen and Chemicals Private Limited has entered into an MoU with VOC Port Authority, Tuticorin, for the establishment of a groundbreaking 1,200 MTPD Green Ammonia Project, with an investment of ₹15,000 crore.
- VOC Port Authority, Tuticorin and Littoral Cruises Limited have inked an MoU to deploy a luxury yacht, a floating restaurant, and seashore resorts. Valued at a whopping ₹1,400 crore, this venture promises to elevate coastal tourism to new heights.
- Indian Register of Shipping (IRS) announced the Approval in Principle (AiP) of a Green Tug Design developed by Singapore-based Seatech Integrated Technology Private Limited. SeaTech and IRS

signed an MoU to design and engineer green tugs and harbour crafts outfitted with the latest environment-friendly technologies. The MoU focuses on both the GTTP and the Harit Nauka – Green Transition Guidelines for inland vessels as laid out by India's Ministry of Ports, Shipping, and Waterways (MoPSW).

- VOC Port Authority, Tuticorin, has signed an MoU with Chennai Port Authority to supply and adjust surplus renewable energy power under the group captive method.
- A Terms of Reference (ToR) was signed between TERI, through NCoEGPS, and SFC, through SRTI, building upon the existing MoU between TERI and SFC signed on November 28, 2023. Through the ToR, a structured partnership between the two will align India's ship recycling and steel decarbonization agendas, enhance global competitiveness, and strengthen India's leadership in sustainable ship recycling.

2. Thought Leadership or any publication released

- [Unlocking India's Green Hydrogen Exports: Pathways, Markets, and Trade Catalysts](#)
- [Sailing Toward Net Zero: Unlocking India's e-fuel corridor potential](#)





Snapshots from the Indo-Dutch bilateral roundtable session

- [Policy Framework for Zero-Emission Truck Adoption at Major Ports in India](#)
- [India's Maritime Green Shift: Pioneering Energy Transition and Pollution Control](#)
- [Green Port Performance Index \(GPPI\)](#)

Indo-Dutch Bilateral Session on Seas of Opportunity: India-Netherlands Collaboration for a Sustainable Maritime World | October 29, 2025

The Indo-Dutch bilateral session was inaugurated by Shri Shyam Jagannathan, IAS, Director General of Shipping, Government of India, and Mr Edwin Kleingeld, Senior Policy Advisor, Maritime Affairs, Ministry of Infrastructure and Water Management, Netherlands.

The deliberations focused on strengthening cooperation in green shipping, with an emphasis on sustainable port development and technology collaboration. Shri Jagannathan

delivered the opening remarks and shared an insightful presentation outlining India's ongoing efforts and opportunities in maritime decarbonization.

Ms Rambhatla VSSL Revathi, Fellow, TERI, contributed as a speaker during the roundtable discussion in the Indo-Dutch bilateral session.

The session was emceed by Ms Mansi Chawla, Research Associate, TERI.

Key outcomes

1. Setting the Context: India's Green Maritime Vision

The session commenced with an insightful presentation by Shri Shyam Jagannathan, Director General of Shipping (DGS), outlining India's comprehensive roadmap for maritime decarbonization under the *Maritime Amrit Kaal Vision (MAKV 2047)* and *Harit Sagar Guidelines*.

He emphasized India's strong regulatory and policy foundations—ranging from the forthcoming Green Port Index and National Green Shipping Policy (NGSP) to the establishment of green corridors and green hydrogen hubs along India's major ports.

He reiterated that India's maritime transformation is anchored in the threefold strategy of energy transition, digitalization, and international cooperation, positioning India as a future hub for low-carbon shipping and shipbuilding innovation.

2. Harnessing Artificial Intelligence for Operational Efficiency

The next intervention, led by Mr Gangadhar Gude, Co-founder, ATAI Labs, showcased India's emerging leadership in AI-enabled port and terminal optimization. Citing successful domestic pilots, Mr Gude shared how AI-based yard management and container tracking systems had achieved up to 60% reduction in carbon emissions through intelligent scheduling and traffic decongestion.

He emphasized that India's port digitalization drive could significantly lower truck idle time, improve asset utilization, and enable predictive maintenance through real-time analytics—demonstrating a direct linkage between digital efficiency and decarbonization.



3. Port of Rotterdam: European Experience in Zero-Emission Operations

Mr Amlan Bora, Chief Representative – South Asia, Port of Rotterdam, shared operational insights on Rotterdam's pathway to becoming a net-zero port by 2050.

He detailed measures such as shore-power electrification, hydrogen bunkering, and digital coordination between sea-going and inland vessels to eliminate waiting times and reduce emissions from port activities.

The Port's success in introducing dedicated container freight corridors and automated, human-free zones served as a model for India's green port modernization.

4. Greenfield Port Development and Dredging Challenges

Capt. K Sridharma Sastha, Port Officer, Andhra Pradesh Maritime Board (APMB), presented the state's ongoing efforts in developing greenfield ports designed with sustainability from inception—including the integration of renewable energy, shore-power readiness, and circular dredging practices.

The discussion highlighted the urgent need for environmentally responsible dredging, with contributions from Indian and Dutch participants,

including Boskalis and Royal IHC, who emphasized the importance of eco-friendly dredging techniques, sediment reuse, and nature-based port engineering.

Both sides recognized this as a critical area for Indo-Dutch collaboration, merging Dutch technical expertise with India's large-scale coastal development agenda.

5. Capacity Building and Academia collaboration

Capt. Sunil Chand Panigrahy, Director, Mumbai Port Campus, IMU, underscored the importance of aligning capacity-building programmes with the industry's green transition.

He recommended dedicated training modules on decarbonization, AI-driven port operations, and energy-efficient navigation to equip future seafarers and port professionals with relevant skills.

The Rocky Mountain Institute (RMI) also emphasized the need for academic collaboration, especially in light of the International Maritime Organization's (IMO) decision to delay its Net-Zero framework by one year.

6. Policy Perspectives and Institutional Cooperation

The Dutch delegation, led by Mr Edwin Kleingeld, Senior Policy Advisor – Maritime Affairs, Ministry of Infrastructure and Water Management, reiterated the Netherlands' commitment to long-term

collaboration with India under the shared goal of sustainable, safe, and smart shipping.

He noted that policy alignment, transparent data sharing, and bilateral R&D are essential enablers to build a resilient maritime ecosystem.

Side Meetings and Future Collaboration

Two focused meetings were held with MARIN — on October 27 and October 30, 2025 — to discuss the framework for joint efforts. MARIN expressed keen interest in collaborating on:

- The development of green maritime training courses, and
- Life Cycle Assessment (LCA) projects for the maritime sector.

A follow-up visit by the MARIN delegation to NCoEGPS and TERI is being planned during the World Sustainable Development Summit (WSDS) 2026.

Recognition and Next Steps

Senior officials, including Shri T.K. Ramachandran, Former Secretary, Ministry of Ports, Shipping and Waterways, and Shri Susanta Kumar Purohit, Chairman, VOC Port Authority, expressed appreciation for NCoEGPS's active role during IMW 2025 and the launch of its two strategic reports.

Additionally, the Director General of Shipping, in his



presentation during the bilateral session, highlighted NCoEGPS as a key partner in advancing India's maritime decarbonization goals.

The engagements during IMW 2025 paved the way for several promising partnerships, with multiple follow-up discussions planned to translate these collaborations into impactful actions.

NCoEGPS extends its sincere appreciation to the organizing body of India Maritime Week, as well as to its key partners — Rocky Mountain Institute (RMI), Lloyd's Register (LR), and the Embassy of the Kingdom of the Netherlands — for their invaluable support and collaboration in making the events a success.

A special note of thanks is also extended to all speakers, moderators, and session leads for their insightful contributions, which enriched the discussions and added significant value to the overall deliberations during the week.

		
Awards Categories and Honorees		
 Awards Name		 Winners
Future Port Conference	➔	Paradip Port Authority
Creative Visualization	➔	Cochin Shipyard
Demonstration of Shipbuilding Capability	➔	Swan Defence & Heavy Industry
Celebrating Heritage	➔	Syama Prasad Mookerjee Port & Odisha Maritime Board
Guardians of Cultural Legacy	➔	Pristine Interiors & Ashoka Arts and Crafts
Community Engagement	➔	DP World
Waste to Wonder	➔	Tisser
Green Visionary	➔	V.O Chidambaranar Port Authority
Driving Maritime Innovation	➔	Deendayal Port Authority
NextGen Technology	➔	IPRCL & 3S Smart Ship Solutions
Showcase Diversity & Impact	➔	State of Maharashtra
Port Led Development	➔	Jawaharlal Nehru Port Authority
Future of Maritime Tourism	➔	Mumbai Port Authority
Maritime Automation	➔	Adani

Source: MoPSW



Featured Reports

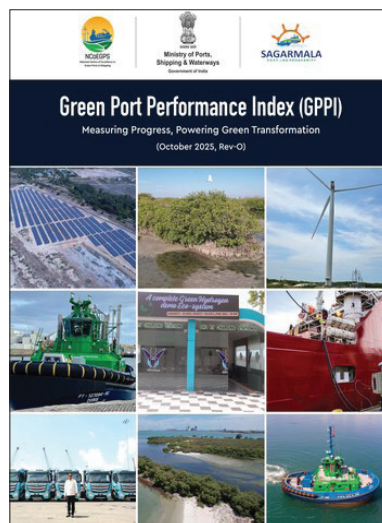


India's Maritime Green Shift

MoPSW, 2025

India's maritime sector, spanning over 11,000 km of coastline and handling nearly 95% of trade by volume, is the backbone of its economic and global trade connectivity. However, this growth comes at a steep environmental cost, as the sector contributes significantly to greenhouse gas emissions, waste discharge, and marine pollution. Global shipping accounts for nearly 3% of total GHG emissions, and India's share is expected to rise with increasing port traffic and cargo movement. Without intervention, maritime emissions could climb by up to 250% by 2050, intensifying climate threats such as sea level rise and biodiversity loss. Recognizing this, India is steering towards a greener maritime future through the "India's Maritime Green Shift"

initiative, led by the NAVIC Cell 3 under the Ministry of Ports, Shipping, and Waterways. The report underscores the urgent need for sustainable port operations, cleaner fuels, pollution control, and inclusive transition pathways. It highlights policy interventions, technological innovation, financing mechanisms, and capacity building collectively driving India's maritime sector toward a resilient, low-carbon, and globally competitive future.. [Read more...](#)



Green Port Performance Index (GPPI): Measuring Progress, Powering Green Transformation

MoPSW, 2025

The Green Port Performance Index (GPPI), launched by the Ministry of Ports, Shipping

and Waterways, is a strategic framework to evaluate and enhance the environmental performance of Indian ports. Aligned with India's Nationally Determined Contribution and Maritime Amrit Kaal Vision 2047, it supports the nation's transition to carbon-neutral and resilient maritime operations. The GPPI assesses ports through 13 indicators grouped under three objectives, Climate Change, Environmental Health, and Ecosystem Vitality emphasizing measurable, outcome-based results. By standardizing the assessment of emissions (Scope 1, 2, and 3), energy and water efficiency, waste management, and ecological sustainability, the index enables inter-port benchmarking and promotes continuous improvement. It helps ports monitor decarbonization progress, devise emission reduction strategies, and align with global green standards. Implemented by the National Centre of Excellence for Green Ports and Shipping (NCoEGPS), GPPI drives data-based decision-making, innovation, and recognition for sustainability excellence advancing India's vision of green, efficient, and globally competitive ports.

[Read more...](#)

Green Corner

Green Corridors: A Route to Decarbonization

Shipping at a glance:

- Powers ~80% of global trade but contributes ~3% of global CO₂ emissions, projected to rise by 50% by 2050 if unchecked.
- The IMO (International Maritime Organization) targets a 50% emission reduction by 2050; several nations aim for net-zero shipping in the same timeframe.

The challenge:

Ships have a 20–25 year lifespan, so rapid deployment of zero-emission technologies is crucial this decade.

However, green fuels (like hydrogen and ammonia) currently raise costs by 40–60%.

What are Green Corridors?

Designated trade routes where zero-emission solutions are supported through policies, incentives, and shared infrastructure, reducing risks and costs.

Key Corridors:

1. Australia–Japan Iron Ore Route

- » 65M tonnes of iron ore shipped annually → 1.7M tonnes CO₂ emissions.
- » Potential to switch to green ammonia-powered ships by 2025.
- » Could cut route emissions entirely with 41 zero-emission vessels.

2. Asia–Europe Container Route

- » Accounts for ~3% of global shipping emissions.
- » 70% of capacity covered by companies committed to 50% GHG reduction by 2050.
- » Potential for 1.2M TEUs of green shipping by 2030 (~17% of route capacity).

The Way Forward

- Fuel producers, vessel operators, cargo owners, and policymakers must act together.
- Regulations, subsidies, and carbon-credit mechanisms can close the “TCO gap” (Total Cost of Ownership).
- Green corridors not only decarbonize key routes but also set the stage for global zero-emission shipping by 2050. [Read More...](#)

DID YOU KNOW?

The operating ratio of the Indian ports improved from 73% in 2014 to 43% in 2025, marking a major step towards sustainable and profitable port operations. [Read More...](#)





Green Initiatives

National Initiatives

India and Netherlands sign MoU on Maritime Cooperation and Green Digital Sea Corridor to Drive Sustainable Port Growth

A major highlight was the signing of an MoU on Maritime Cooperation between India and the Netherlands, along with a Letter of Intent on the establishment of a green and digital sea corridor connecting Indian ports with the Port of Rotterdam. These initiatives will promote cooperation in clean fuels such as hydrogen, ammonia, and methanol, along with digital port operations and logistics innovation, marking a significant step towards maritime decarbonization and sustainable connectivity between the two countries. [Read more...](#)

VOC Port, Tuticorin, crowned 'Green Visionary' at India Maritime Week 2025 after securing investment pacts worth ₹90,936 crore

Among the MoUs signed, three major MoUs in green energy sector collectively represent an investment exceeding ₹45,400 crore. The first agreement was penned with Green Infra Renewable Energy Farms Private Limited (GIREFPL), a

Sembcorp group company, for the establishment of a common storage farm for green ammonia and other hydrogen derivatives, involving an investment of ₹25,400 crore. [Read more...](#)

NTPC Green Energy inks MoU with Paradip Port Authority for Green Hydrogen Initiatives

NTPC Green Energy Limited, a subsidiary of NTPC Limited, signed an MoU with Paradip Port Authority on October 27, 2025, during the India Maritime Week 2025 in Mumbai. The agreement aims to explore collaborative opportunities in green hydrogen development, focusing on implementing green hydrogen-based mobility projects in the Paradip Port area. [Read more...](#)

JNPA signs MoUs worth ₹2.2 trillion for port infra, Vadhvan Port project

Jawaharlal Nehru Port Authority (JNPA) announced that it has signed MoUs for projects worth over ₹2.2 trillion, focusing on infrastructure development, financial collaboration and technological advancement at the Jawaharlal Nehru Port and the upcoming Vadhvan Port. [Read more...](#)

Sembcorp, VOC Port ink pact to explore ₹25,400 crore green hydrogen, ammonia hub in Tamil Nadu

Sembcorp has signed a

preliminary agreement with the V.O. Chidambaranar Port Authority to explore a green hydrogen and ammonia hub in southern Tamil Nadu, as India seeks to accelerate clean fuel exports. The non-binding MoU, exchanged on the sidelines of India Maritime Week 2025 in the presence of Shri Sarbananda Sonowal, Union Minister for Ports, Shipping and Waterways, envisages potential investments of ₹25,400 crore. [Read more...](#)

India deepens Maritime ties with Norway, Sweden to Boost Green Shipping, Shipbuilding, and Technology Collaboration at IMW 2025

The Sweden country session focused on AI-driven automation, LNG and green fuelling, and smart port operations, underscoring partnerships that drive innovation-led growth and clean energy transition. Sweden showcased collaborations in electric vessels, AI-based automation, and smart port systems, marking a significant step towards a green and digital maritime transformation. [Read more...](#)



International Initiatives

Poland will Invest \$2.3 bn for Container Terminal in the West Near Germany

The Polish government mapped out a new plan for what it is calling the most ambitious project in the 75-year history of the Szczecin Swinoujscie Seaports Authority. It calls for an investment of approximately \$2.3 billion to create a large container terminal on the Baltic near Germany that will be a regional center for distribution inland and to neighbouring countries. [Read more...](#)

China unveils Initiative to Promote International Green Shipping Corridors

The initiative outlines seven key measures to promote international cooperation on green shipping corridors. The measures include expanding green shipping corridors in phases, accelerating the development of 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...](#)

Svitzer lines up Indian Shipyard for Electric Tug Construction

Svitzer has turned to India for the construction of new electric tugboats. It intends to operate in ports with charging stations as it renews and expands its fleet. The AP Moller Holdings' subsidiary has signed a letter of intent (LoI) with Cochin Shipyard Ltd (CSL), a leading Indian shipbuilder, to build a fleet of electric Transverse tugs in the country. [Read more...](#)

Everfuel Inaugurates Hysynergy, a 20 MW Hydrogen Production Plant in Denmark

Everfuel has inaugurated HySynergy, its 20 MW green hydrogen production plant in Fredericia, Denmark, and sent its first supply to Germany. It is understood that this is the first time that RFNBO-certified green hydrogen produced in Denmark is being exported abroad. [Read more...](#)

KMB signs ₹4,500 crore Agreements to Boost Coastal Infrastructure

In a major push to strengthen Karnataka's maritime and logistics ecosystem, the Karnataka Maritime Board (KMB) has entered into multiple agreements and MoUs worth ₹4,500 crore aimed at enhancing port connectivity, infrastructure, and allied

facilities across the state. [Read more...](#)

IBIA Partners with INTERCARGO to Strengthen Collaboration on Decarbonization, Safety, and Marine Fuels

The International Bunker Industry Association (IBIA) and the International Association of Dry Cargo Shipowners (INTERCARGO) have entered into a reciprocal membership agreement to reinforce collaboration between the dry bulk shipping and marine fuels communities. The collaboration will support dialogue between shipowners and the fuel supply chain, promote the development of safe and reliable bunkering practices, and contribute to the industry's transition towards low and zero-carbon fuels. [Read more...](#)





News Highlights

IWAI Hands over Kalughat Intermodal Terminal to PPP Operator; Cargo Operations Commence at Haldia MMT under Jal Marg Vikas Project

November 7, 2025 | Source: Press Information Bureau

The Inland Waterways Authority of India (IWAI) under the MoPSW, has achieved two major milestones in advancing India's inland water transport ecosystem under the Jal Marg Vikas Project (JMVP) on National Waterway-1. The Kalughat Intermodal Terminal in Bihar has been formally handed over to SAPL – Summit Alliance Port East Gateway (India) Pvt. Ltd for operations and maintenance.

[Read more...](#)

Adani Solar Ships 15,000 MW of Solar Modules, Strengthening India's Clean Energy Drive

November 2, 2025 | Source: Business Line

Adani Solar has crossed a major milestone by shipping over 15,000 megawatts (MW) of solar modules across domestic and international markets – becoming the first and fastest Indian manufacturer to achieve this feat. Of the total shipments, 10,000 MW were deployed within India and 5,000 MW exported abroad, equivalent to 28 million modules covering nearly 7,500 football fields,

officials said. Around 70% of these modules were produced using Adani's India-made solar cells, reinforcing the company's role in advancing the Make in India and Atmanirbhar Bharat initiatives. [Read more...](#)

Study shows South Africa-Europe Shipping Route could Run on Green Ammonia by 2029

October 30, 2025 | Source: Global Maritime Forum

A study revealed that South Africa-Europe iron-ore shipping route could feasibly deploy green ammonia-powered iron ore carriers from 2029 and reach full decarbonization by 2035. Ammonia-fueled bulk carriers could feasibly be deployed on the South Africa-Europe iron ore trade route as soon as 2029 and scale towards full decarbonization by 2035, according to the Global Maritime Forum. [Read more...](#)

India Maritime Week, 2025 Secures Investment of ₹1.2 mn crore, set to Bolster Maritime Sector of 'Atmanirbhar Bharat'

October 30, 2025 | Source: Press Information Bureau

The Union Minister of Ports, Shipping & Waterways, Shri Sarbananda Sonowal announced that the India Maritime Week, 2025 has been a resounding success

with more than ₹12 lakh crore investment secured with over 600 MoUs inked during course of the event. [Read more...](#)

India's Maritime Sector is Advancing with Great Speed and Energy: PM Modi

October 29, 2025 | Source: Press Trust of India

India's marine industry is developing rapidly and energetically in the twenty-first century, the Prime Minister said, adding that 2025 has been a particularly important year for the industry and shared important accomplishments. He said that more than 150 projects had been started under the Marine India Vision, leading to notable advancements in the marine industry as a whole.

[Read more...](#)

UCL: Climate Transition could Hit South Korean, Chinese, and European Shipping Financiers the Hardest

October 22, 2025 | Source: Offshore Energy

European, Chinese and South Korean financiers have over half of their portfolio tied to oil and gas carriers that are most at risk of becoming stranded assets in the global rush to shift to a low-carbon energy system, a new report by UCL's Energy Institute Shipping and Oceans Research Group suggests. [Read more...](#)



Sonowal marks Eight Maritime Projects as NMPA Marks Golden Jubilee

October 17, 2025 | Source: Sagar Sandesh

To mark the milestone, the Minister launched eight major maritime development projects aimed at boosting India's port infrastructure, logistics efficiency, and sustainability. The projects include a state-of-the-art cruise terminal, modern covered storage facilities, and upgraded port access infrastructure designed to improve user experience and

operational capacity. [Read more...](#)

CMA CGM Group signs a letter of intent for six new 1700 TEU dual-fuel LNG Containerships to be Built in India

October 15, 2025 | Source: CMA CGM Group

The CMA CGM Group, a global player in sea, land, air, and logistics solutions, has signed a letter of intent for six state-of-the-art LNG-powered containerships to be built at Cochin Shipyard Limited (CSL), India. This strategic

move makes the Group the first major foreign carrier to commission LNG vessels from an Indian shipyard. All six vessels will be registered under the Indian flag.

[Read more...](#)

China Announces 20% Investment Subsidy for Green Methanol Production Projects

The Chinese government's National Development and Reform Commission (NDRC) has announced a 20% subsidy scheme for green methanol production projects.

[Read more...](#)

DID YOU KNOW?

Operational performance of Indian ports has improved significantly, as the average vessel turnaround time has been reduced from 93 hours in 2014 to just 48 hours in 2025, enhancing overall productivity and global competitiveness. [Read More...](#)





Upcoming Events

Offshore Energy Exhibition & Conference (OEEC) 2025

November 25–26, 2025

Amsterdam, Netherlands | [Read more...](#)

Green Inland Ports Final Conference

November 26–27, 2025

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

International Maritime Human Factors Symposium (IMHFS)

December 3–5, 2025

Glasgow, UK | [Read more...](#)

Capacity-building Workshop on Port Digitalization and the Resilience of Small Ports in the Asia-Pacific Region

December 3–4, 2025

Bangkok, Thailand | [Read more...](#)

International WorkBoat Show

December 3–5, 2025

New Orleans, United States | [Read more...](#)

11th Pan Asian Association of Maritime Engineering Societies (PAAMES) Forum & Advanced Maritime Engineering Conference (AMEC) 2025

December 10–12, 2025

National University of Singapore (NUS), Singapore | [Read more...](#)

Maritime Policies & Guidelines

The Bills of Lading Act, 2025

The Bills of Lading Act, 2025 ensures that the rights of suit and liabilities related to goods in transit are automatically transferred to the consignee or endorsee when the property in the goods passes through consignment or endorsement. This guarantees that the holder of the bill of lading enjoys the same legal standing as the original shipping contract had been made directly with them. The Act provides greater certainty and protection for trade stakeholders by recognizing the bill of lading as conclusive evidence of shipment, preventing disputes over unshipped goods unless fraud is proven. [Read More...](#)

The Carriage of Goods by Sea Act, 2025

The Carriage of Goods by Sea Act, 2025 establishes a comprehensive legal framework governing the responsibilities, liabilities, rights, and immunities of carriers involved in the maritime transport of goods. Enacted to replace the outdated 1925 legislation, it harmonizes Indian law with international conventions originating from the Brussels Rules of 1924 and the subsequent Protocols. The Act ensures uniform standards for bills of lading, clarifies the duties of carriers in maintaining seaworthiness, handling cargo, and managing liability for loss or damage, and limits carrier exemption clauses that diminish accountability. [Read More...](#)



Latest Announcements

- **India Launches Green Shipping Corridors With Singapore, Rotterdam; Unveils First National Shore Power Standard to Curb Port Emissions**

India's Green and Digital Shipping Corridors (GDSCs) with Singapore and Rotterdam, launched in 2025, will further strengthen global partnerships for sustainable maritime trade and accelerate investment in green infrastructure. [Read more...](#)

- **India Launches its First National Container Shipping Line**

India has unveiled its first national container shipping line, Bharat Container Shipping Line (BCSL), marking a major step toward strengthening maritime self-reliance and reducing dependence on foreign carriers. Announced by Prime Minister Narendra Modi at the Global Maritime CEO Forum during India Maritime Week 2025 (27–31 October) in Mumbai, the initiative has been described as ushering in a "new era of maritime confidence." [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: November 30, 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