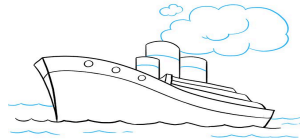




CMEC
Centre for Maritime Economy
and Connectivity
समुद्री अर्थव्यवस्था व संयोजन केंद्र



MARITIME BRIEFING

June 2025

From the Editorial Desk

The CMEC is happy to share the latest issue of the Maritime Briefing covering developments in maritime collaboration, maritime policy & economy, maritime technology, and maritime sustainability, covering aspects related to India and the world.

Maritime Collaboration

- The most significant development in the month of June 2025 was signing of multiple MoUs with the Maldives primarily aimed at enhancing ferry services in the Maldives, expanding connectivity, and uplifting community livelihoods.
- In another significant development, major Indian maritime companies, namely, GRSE and L&T signed key agreements with global players to boost shipbuilding, green technology, and knowledge partnerships, at the Nor-Shipping 2025 event in Oslo, Norway, to reinforce India's maritime capabilities under the "Make in India" initiatives.

Maritime Policy and Economy

- The DG (Shipping) released a Draft Policy on Gender Inclusivity for Women in the Maritime Sector. The draft policy aims to build a future where women's participation is integral to all maritime operations - from the docks to the decision-making Boards.
- Union Petroleum Minister Shri Hardeep Puri, announced that India has the potential of nearly 42 billion tonnes of oil and gas equivalent in her sedimentary basin. India has around 3.5 million square kilometres of the sedimentary basin, which largely unexplored beyond eight per cent area, keeping a large expanse of sea beds untapped and unexplored. The present findings during Andaman sea exploration could help India reduce its reliance on imports and strengthen her energy security.

Maritime Technology and Sustainability

- The American Bureau of Shipping (ABS), issued an Approval in Principle (AIP) to the Norwegian based Pherousa Shipping for its ammonia cracking technology onboard commercial ships, featuring proton exchange membrane fuel cells and fuel gas supply system (FGSS) for a fully electric propulsion train.
- The two sea-accidents off-the coast of Kerala led to filing of a Public Interest Litigation (PIL) in the Kerala High Court seeking a court-monitored investigation by a multi-agency Special Investigation Team (SIT) into the recent shipwrecks involving MSC ELSA 3 and MV Wan Hai 503 off the Kerala coast.

Maritime Collaboration



India signs 13 MoUs with the Maldives for enhancing ferry services

India has signed 13 MoUs with the Maldives primarily aimed at enhancing ferry services in the Maldives, expanding connectivity, and uplifting community livelihoods. The MoUs are for projects to be implemented under the Indian grant assistance scheme - High Impact Community Development Project (HICDP) Phase III. The 13 projects launched under this phase amount to a total grant of MVR 100 million (about Rs 55.28 crores.)
.....[read more](#)



Indian maritime firms secure major shipbuilding deals and green tech partnerships at Nor-Shipping 2025 in Oslo

Indian maritime companies made significant strides at the Nor-Shipping 2025 event at Oslo, one of the world's biggest shipping events. They signed key agreements with global players to boost shipbuilding, green technology, and knowledge partnerships, reinforcing India's maritime capabilities for the "Make in India" initiatives... [read more](#)

Maritime Policy and Economy



DG (Shipping) releases Draft Policy on Gender Inclusivity for Women in the Maritime Sector

DG (Shipping) released a Draft Policy on Gender Inclusivity for Women in the Maritime Sector. The draft policy aims to build a future where women's participation is integral to all maritime operations - from the docks to the decision-making Boards. Recognising the need to bridge the gender gap in both seafaring and shore-based roles, this draft policy provides a structured roadmap for enhancing participation, safety, leadership and retention of women in India's maritime sector. The purpose of the Policy document is two-fold - To create an inclusive, equitable and safe maritime ecosystem that actively supports and promotes participation of women; and, To enhance female participation in shore-



India has the potential of nearly 42 billion tonnes of oil and gas equivalent in its sedimentary basin: Union Petroleum and Natural Gas Minister

The Union Petroleum and Natural Gas Minister, Shri Hardeep Puri, told the media that India has the potential of nearly 42 billion tonnes of oil and gas equivalent in her sedimentary basin. Referring to Guyana, which has recently discovered massive oil reserves after dozens of failed attempts, the minister said India has the potential for 'several Guyanas' in the Andaman region. The minister also appreciated the government's decision to explore a large part of India's sedimentary basin, noting that while India has 3.5 million square kilometres of the sedimentary basin, it never was explored beyond the eight per

based and seafaring maritime roles through policy support, infrastructure, training, safety, and by providing equal opportunities. ...[read more](#)

cent area, keeping a large expanse of sea beds untapped and unexplored. If successful, the Andaman sea exploration could help India reduce her reliance on imports and strengthen energy security.[read more](#)

Maritime Technology



ABS Approves Ammonia Cracking Technology for Ships from Pherousa

The American Bureau of Shipping (ABS), a provider of classification and technical advisory services to the maritime industry, issued approval in principle (AIP) to Norwegian company Pherousa Shipping for its ammonia cracking technology onboard ships, featuring proton exchange membrane fuel cells and fuel gas supply system (FGSS) for fully electric propulsion. The emission-free propulsion system is targeted for application on Pherousa's Ultramax 64,000 DWT bulk carrier. Key partners in the project include the designers Deltamarin, the flag state Marshall Islands, Babcock International Group, which supplies the FGSS, as well as Metacon, the technology developer and shareholder of Pherousa Shipping. ...[read more](#)



SMP Kolkata launches night navigation for round-the-clock vessel movement in cooperation with NTCPWC & Port of Antwerp

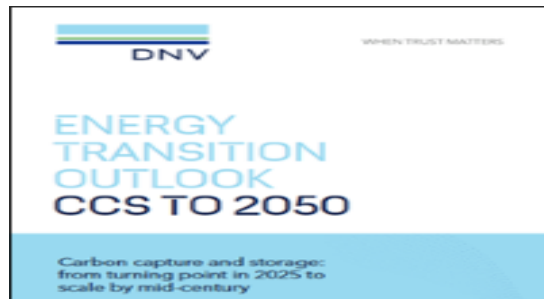
Syama Prasad Mookerjee Port, Kolkata (SMPK), one of India's oldest major riverine ports, launched night navigation capabilities on 3rd May, 2025 for the first time in history, covering the stretch from Budge Budge to the Bay of Bengal. This development is expected to significantly boost port efficiency and trade volume by allowing more vessels to enter and leave the port daily. SMPK authorities operationalised the system with the successful maiden night-time transit of the container vessel MV Sinar Penida. The ship (117 meters length overall, 6.0 meters draft) successfully carried 8,000 tonnes of cargo towards the Bay of Bengal in the darkness of the night.[read more](#)

Maritime Sustainability



France and Costa Rica co-organise the 3rd United Nations Ocean Conference

France and Costa Rica co-organised the 3rd United Nations Ocean Conference (UNOC3) at Nice, France, from 9 to 13 June, 2025. The overarching theme of the Conference was "Accelerating action and



DNV releases report on Carbon Capture and Storage (CCS)

DNV, a leading classification society and advisor for the maritime industry released a report titled 'Energy Transition Outlook: CCS to 2050.' The report presents DNV's first global forecast for how Carbon Capture and Storage (CCS) will continue to scale

mobilizing all actors to conserve and sustainably use the ocean". The Conference was aimed to promote actions to conserve and sustainably use the oceans, seas and marine resources for sustainable development and identify further ways and means to support the implementation of SDG-14 goal. ...[read more](#)



OECD releases report on effective development cooperation in support of a sustainable ocean economy

The Organisation for Economic Cooperation and Development (OECD) released a report titled 'Promoting Sustainable Ocean Economies: Guidance for Development Co-operation.' This report aims to guide development cooperation providers in enhancing their support for sustainable ocean economies. It takes a holistic, cross-sectoral view and highlights a range of issues where development co-operation might play a role, recognising that effective development efforts are demand-driven and partner country-owned. After synthesising the main challenges for ocean-related development cooperation, this document presents recommendations across several areas. ...[read more](#)



Plea in Kerala High Court seeks Court-monitored probe into two shipwrecks

A public interest litigation (PIL) was filed in the Kerala high court seeking a court-monitored time-bound investigation by a multi-agency special investigation team (SIT) into the recent accidents and shipwrecks involving MSC ELSA 3 and MV Wan Hai 503 off the Kerala coast. The

across sectors and regions to mid-century and what will drive uptake. The report highlights that policy support, economic resilience, and sufficient investment are all critical to maintaining momentum. The report also amplified that progress could stall without clearer mandates and stronger financial signals.[read more](#)



World's 'first' wind-assisted LR2 tanker in China

Brands Hatch, believed to be the world's first wind-assisted long-range 2 (LR2) tanker, has been named in China. The naming ceremony took place at Shanghai Waigaoqiao Shipbuilding (SWS) yard on June 11, 2025. Built for the UK-based tanker owner and operator Union Maritime (UML), it is the first in a series of fourteen tankers equipped with wind-assisted propulsion systems (WAPS) developed by BAR Technologies and manufactured by CM Energy Tech (CMET). The tanker features three 37.5-meter Wind Wings, a three-element rigid wind system developed by BAR Technologies. The wind propulsion solution is projected to reduce the vessel's fuel consumption by approximately 1,200 tonnes annually, equating to a reduction of over 3,800 tonnes of CO2 emissions each year, as per reports.....[read more](#)



Lingang powers China's first underwater wind-powered data center

The first commercial Underwater Data Center (UDC) project powered by an offshore wind farm has been launched in Shanghai, China. The project is set to be developed by HiCloud, a division of Highlander, which has previously developed UDC modules off the coast of Hainan Province, China. According to local reports,

petition further prays for the establishment of a dedicated coastal victims compensation, rehabilitation and environment restoration fund (CVCRRERF) with an initial corpus of Rs 1,000 crore to be contributed by the central government. In addition, the petition calls for the formulation of a national coastal hybrid threat prevention framework and the constitution of a high-level inter-ministerial task force, with representation from the defence and environment ministries, to address strategic maritime security breaches, starting with the circumstances surrounding MSC ELSA 3 and MV Wan Hai 503. The Kerala government also informed the Kerala High Court of its decision to file an Admiralty suit against MSC Mediterranean Shipping Company SA, the owner of MSC ELSA 3. ...[read more](#)

HiCloud will invest an initial amount of 1.6 billion Yuan (\$222.8 million) into the project. HiCloud also inked a tripartite cooperation agreement with the administrative committee of the Lingang Special Area of China (Shanghai) Pilot Free Trade Zone and Shanghai Lingang Special Area Investment Holding Group Co. to develop the project. The Shanghai Lingang UDC project will be developed off the coast of Shanghai close to the Lingang Special Area of China (Shanghai) Pilot Free Trade Zone, and will comprise of two phases. The first phase will be a 2.3 MW demonstration facility that aims to reach operational status in September 2025. Following this, the partners plan to scale capacity to 24 MW during the project's second phase. Read more.....[read more](#)

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