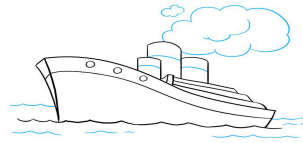**CMEC**
Centre for Maritime Economy and Connectivity
समुद्री अर्थव्यवस्था व संयोजन केंद्र

MARITIME BRIEFING

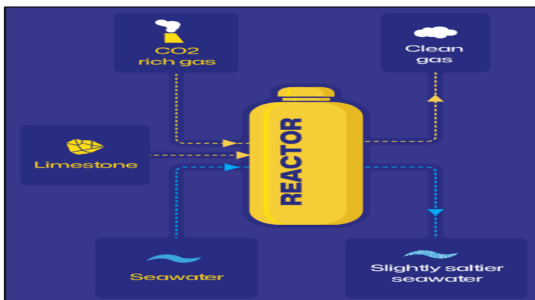**Vol 1 | No. 1, September 2024**

Enhanced transparency measures by IMO

The International Maritime Organisation's Council has decided to live-stream its plenary meetings and make its documents accessible to the public, in a bid to boost transparency in the Organisation. These decisions supplement IMODocs, a virtual resource of documents for the public and other authorised users like Member States and Organisations. During the IMO -132nd session, the Council took a series of decisions towards transparency, including:**...read more**

IMO Launches Toolkit to Combat Growing Insider Threats

The International Maritime Organization (IMO) has unveiled a new toolkit to help the maritime industry tackle the rising risk of insider threats. These threats, often stemming from employee negligence or malice, have become increasingly complex and frequent. Developed in partnership with the International Civil Aviation Organization (ICAO), the toolkit provides guidance, risk assessment tools, training, and best practices to protect sensitive maritime information.**...read more**

Ocean-Based Carbon Capture for Ships

A US based startup named Calcarea has created a new method to reduce ship emissions by converting CO2 into harmless bicarbonate salts through a reaction with seawater and limestone. This process mimics nature and could help the shipping

Digital connectivity changing lives at the Andamans

Andaman and Nicobar Islands once seen as a distant outpost is now the hub-centre of growing activities with the utilisation of the CANI submarine optical fibre network.

industry meet its climate goals. Calcarea has already developed two prototype reactors,**.....read more**

For decades, the islands suffered from poor internet connectivity, **.. read more**

Protecting Submarine Cables

The Centre for Strategic & International Studies (CSIS), a nonprofit policy research organisation, published a report titled 'Safeguarding Subsea Cables: Protecting Cyber Infrastructure amid Great Power Competition.' The report provides a useful overview of the vulnerabilities of subsea systems. Read more.**.....read more**

JNPA launches e-ITV for zero-emission trucking on the Independence Day

The Jawaharlal Nehru Port Authority (JNPA) launched JNPA's first Battery Electric Terminal Tractor (e-ITV) for Container Rail Operations (CRO). The launch was part of the port's previously announced plans for Zero-emission trucking**.....read more**
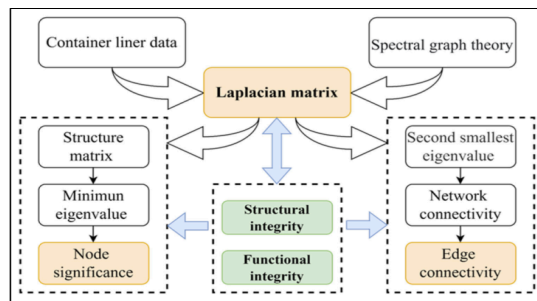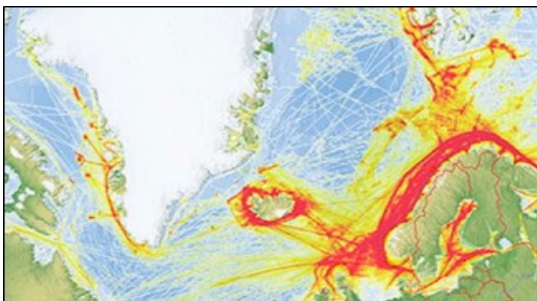

Boost to domestic Shipbuilding industry

In the recent Rajya Sabha session, Union Minister Sarbananda Sonowal highlighted the government's push for increased self-reliance in India's maritime sector, focusing on strengthening domestic shipping capabilities and reducing dependence on foreign entities. Several initiatives are aimed at boosting the sector. The 2016 Shipbuilding Financial Assistance Policy (2016-2026) offers up to 20% of contract value for vessel construction........**read more**

Iran boosts oil exports to new destinations

Iran is increasing its oil production and finding new buyers despite US sanctions. The country has shipped crude to new markets like Bangladesh and Oman, and its overall output has reached a five-year high. Iran has boosted its daily output to over 3.2 million barrels, the highest level in five years**.....read more**

An ocean of data

This OECD working paper proposes a methodology for using AIS Data to compute port traffic and activity in "real time/close to real time." This study advances port research by introducing a refined port identification method and developing indicators for port congestion and trade flow analysis. While these indicators require further enhancement with additional data, they offer valuable insights into global and national trade patterns......**...read more**

A Novel Technical Framework for Global Shipping Networks

Marine transport drives global trade and economic growth. This study analyses the global shipping network using a novel Laplacian-based framework to assess vessel and route importance, employing 2019 data from the top 30 liner shipping companies. The findings elaborate that Port importance (node significance) does not consistently correlate with centrality measures for most ports.....**...read more**

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