

Indian Ocean Centre of Excellence for Sustainable Maritime Transport (IOCE-SMarT)

The Indian Ocean Centre of Excellence for Sustainable Maritime Transport (IOCE-SMarT), driven by the Ministry of Ports, Shipping and Waterways, Government of India, is an initiative that aims to evolve the Maritime Training Institute (MTI) in Mumbai into a world-class hub of maritime excellence. Envisaging partnership with the IMO's global MTCC network, IOCE-SMarT seeks to advance the maritime sector in India and South Asia through technological innovation, sustainable practices, digital proficiency, and technical cooperation.



सत्यमेव जयते

Ministry of Ports,
Shipping & Waterways
Government of India

The need for IOCE-SMarT

IMO's current Global Network of Maritime Technologies Cooperation Centres (MTCCs) provides valuable technical cooperation globally; however, it is felt to be insufficient for the vast and diverse needs of the South Asia region.

Aligned with South Asia's aspirations to lead maritime sustainable growth globally, IOCE-SMarT aims to bridge this gap by establishing a holistic hub of maritime excellence across research, technology, and industry partnerships bringing a synergy of capabilities across the region.



MTCC Network

APPROACH & METHODOLOGY



Establish need for IOCE- SMarT & strategic alignment with stakeholders



Refine IOCE-SMarT service channels to account for MTCC network and IMO initiatives



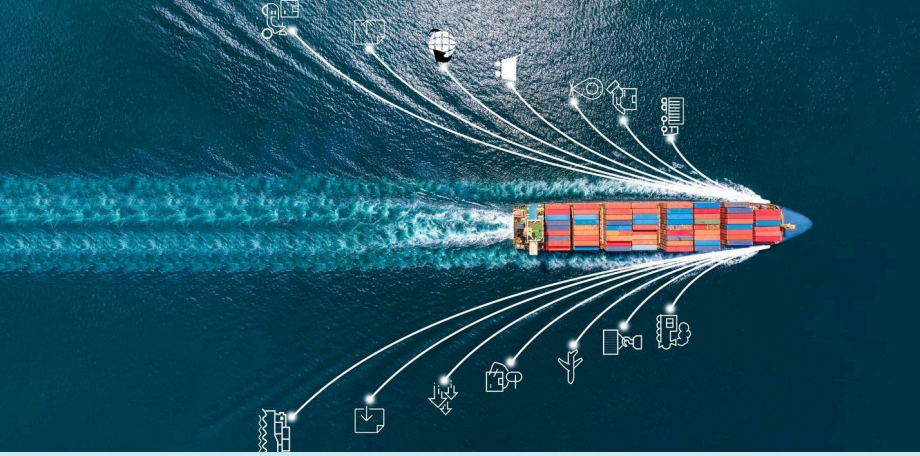
Develop resource allocation and implementation plan



Maritime Training Institute, Mumbai

MTI's location, physical infrastructure, expertise, and government support collectively position it as an ideal candidate for transformation into a Centre of Excellence. It provides close access to Maritime organisations and activities, while facilitating seamless movement through Mumbai's well developed transportation network.





OUR MARITIME STAKEHOLDERS

Ship



Planning and Design

- Shipowners
- Naval architects and marine engineers
- Ship designers and design firms
- Regulatory bodies and classification societies



Financing

- Financial institutions and investors



Construction and Procurement

- Shipyards/Shipbuilders
- Suppliers and manufacturers
- Skilled labours
- Quality assurance and inspection teams



Post-Construction

- Testing and certification bodies
- Legal and documentation
- Maintenance and support services



Voyage



Vessel

- Ship management companies
- Crewing companies



Commercial

- Cargo owners and receivers
- Customs and immigration authorities



Alternative fuel

- Alternate fuel suppliers
- Asset owners and operators
- Regulatory bodies



Services

- Bunker suppliers/Ship chandlers
- Maintenance and repair companies
- Insurance companies
- Technical/emergency response companies



Port

- Terminal operators
- Ship agents
- Stevedores and dock workers
- Inspectors and surveyors
- Freight forwarders and logistics providers



OTHER CONTRIBUTORS

- Maritime associations
- Environmental, health, and safety organizations
- Research & educational institutes
- Local and regional authorities



Directorate General of Shipping, Government of India, has engaged Lloyds Register to strategize and provide implantation support to this initiative.

Sustainable Practices



Tackle emission reduction targets through green technologies, alternative fuels, and renewable energy solutions.

Research and Innovation



Drive maritime excellence and innovation through collaborative research and development.

Capacity Building



Utilize training and skill development initiatives to enhance workforce capabilities and meet industry demands.

Industry Network



Engage with diverse maritime stakeholders to foster partnerships and knowledge exchange.

Global opportunities



Demonstrate commitment to sustainability paving the way to boost international visibility.

Social Impact



Contribute to community outreach programs and social development along coastal areas.

STAKEHOLDER INVOLVEMENT



Surveys & Questionnaires



Discovery Interviews



Focus Groups & Panels



Workshops & Seminars



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