



SEMINAR ON **MARITIME** INFRASTRUCTURE

**Driving Growth and Efficiency Innovating Ports for
Economic Growth and Seamless Connectivity**



27th March, 2025



World Trade Centre Cuffe Parade Mumbai



Brief Concept

This seminar will bring together industry experts, thought leaders, and key stakeholders to explore the critical role of maritime infrastructure in shaping the future of global trade and economic development. By focusing on key business opportunities in port modernization, green technologies, and advanced logistics solutions, the seminar will highlight how innovation in supply chain management and the integration of futuristic technologies can drive efficiency in the maritime sector. The discussion will also address how improving port connectivity through integrated transport networks, multi-modal transportation hubs, and digitalization can reduce logistics costs and congestion, ultimately optimizing operations. Participants will gain actionable insights on how modern ports can become drivers of economic growth, creating significant job opportunities and attracting foreign investment, while fostering sustainable development both at coastal and inland regions. The seminar will provide a comprehensive outlook on the path forward for the maritime sector in generating economic and social value.

SESSION IV: Harnessing Growth through Maritime Infrastructure

POINTS OF DISCUSSION

1. Business Opportunities in Maritime Infrastructure

- **Port Modernization & Expansion:** Investments in upgrading port facilities to handle larger vessels and increased cargo volumes.
- **Green Technologies:** Eco-friendly innovations like LNG-powered vessels and renewable energy for sustainable port operations.
- **Logistics & Warehousing:** Development of advanced storage and inventory management systems at ports.
- **Public-Private Partnerships (PPPs):** Collaborations between government and private firms for large-scale port development projects.

2. Role of Supply Chain Management and Futuristic Technologies in Decongestion of Ports

- **Predictive Analytics:** Data-driven tools to forecast demand and optimize port scheduling.
- **Automation & Digitalization:** Use of robotics, AI, and IoT to streamline port operations and reduce congestion.
- **Blockchain:** Secure, transparent tracking systems to facilitate faster cargo clearance.
- **Port Community Systems (PCS):** Real-time collaboration platforms for seamless communication among port stakeholders.

3. Improving Port Connectivity and Reducing Logistics Cost

- **Integrated Transport Networks:** Seamless links between sea, rail, and road transport for efficient cargo movement.
- **Smart Ports:** Utilizing digital technologies to enhance connectivity and reduce delays.
- **Multi-modal Transportation:** Investment in hubs that allow easy transition between transport modes.
- **Infrastructure Upgrades:** Modernizing roads, railways, and other links to enhance port access.

4. Driving Economic Growth and Job Creation through Port-Led Infrastructure Development

- **Infrastructure Investment:** Port upgrades boost trade and contribute to national economic growth.
- **Job Creation:** Ports generate direct and indirect employment in construction, operations, and logistics.
- **Foreign Investment:** Improved port efficiency attracts global investments and industrial development.
- **Rural Development:** Enhanced port infrastructure connects inland areas, stimulating regional economic growth.

Seminar Outcomes

- **Identification of Business Opportunities in Maritime Infrastructure:** The seminar will highlight emerging trends and business opportunities in the maritime infrastructure sector, particularly focusing on port development, logistics, and technology integration. Attendees will gain insights into how the sector is evolving and how businesses can tap into these opportunities.
- **Understanding the Role of Supply Chain Management and Technologies:** Key discussions on how innovative supply chain management strategies and futuristic technologies (such as AI, IoT, blockchain, and automation) can improve port operations and reduce congestion. This will provide participants with an understanding of how these advancements streamline logistics and facilitate smoother cargo handling.
- **Strategies to Improve Port Connectivity and Reduce Logistics Costs:** Practical approaches to enhancing the connectivity between ports, highways, and railways will be discussed. This will also cover how reducing logistics costs impacts trade efficiency, supply chains, and overall economic performance.
- **Exploring Seamless Intermodal Connectivity:** The importance of seamless intermodal connectivity will be a key focus. Participants will explore how linking different modes of transport (air, sea, rail, and road) can optimize the movement of goods, increase efficiency, and reduce turnaround time, ultimately contributing to faster and cost-effective logistics.
- **Driving Economic Growth and Job Creation:** The seminar will focus on the role of port-led infrastructure development in driving economic growth and creating job opportunities. Discussions will include case studies and examples where port infrastructure has catalyzed regional growth, creating new businesses and job opportunities.

Target Audience (Who Can Attend)

- **Port Authorities and Management:** Professionals responsible for overseeing port operations and management will benefit from insights into new technologies, strategies for improving efficiency, and opportunities for future growth.
- **Logistics and Supply Chain Managers:** Those involved in logistics, supply chain management, and transportation will gain valuable insights into optimizing port operations and improving intermodal connectivity.
- **Government Officials and Policymakers:** Policymakers and government representatives will gain a clearer understanding of the importance of port infrastructure in driving national and regional economic growth and job creation.
- **Business Leaders in Maritime and Infrastructure Development:** Companies involved in port construction, maintenance, and infrastructure development will learn about emerging business opportunities, investment potential, and innovative technologies.
- **Technology Providers and Innovators:** Companies offering technological solutions for ports, logistics, and supply chain optimization can showcase their products and services, contributing to discussions on technological advancements in the sector.
- **Academics and Researchers:** Scholars interested in maritime infrastructure, logistics, and supply chain optimization will gain insights into the latest trends, technologies, and future directions in the field.
- **Investors:** Investors looking for emerging opportunities in port infrastructure and logistics development will find valuable information to guide their investment strategies.



About PHDCCI

PHDCCI has been working as a catalyst for the promotion of Indian industry, trade and entrepreneurship for the past 120 years. It is a forward looking, proactive and dynamic PAN- India apex organization. As a partner in progress with industry and government, PHDCCI works at the grass roots level with strong national and international linkages for propelling progress, harmony and integrated development of the Indian economy.

PHDCCI, acting as the “Voice of Industry & Trade” reaching out to more than 1,50,000 large, medium and small industries, has forged ahead leveraging its legacy with the industry knowledge across multiple sectors to take Indian Economy to the next level.

At the global level, we have been working with the Embassies and High Commissions in India and overseas to bring in the International Best Practices and Business Opportunities.

For participation and partnership opportunities, please contact

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