




Ministry of Shipping
Government of India



SPEARHEADING
INDIA'S
GROWTH IN
MARITIME SECTOR



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“Maritime sector has a vital role in India’s progress & Government is strengthening the sector through innovative initiatives.”

Narendra Modi
Prime Minister of India



“Shipping is just not ferrying of goods and passengers. It is all about the growth of the nation as it promotes trade.”

Nitin Gadkari
Minister of Shipping, Road Transport & Highways



“It’s a vision to sail together and cross borders for harbouring commitments towards an anchored investment.”

Pon. Radhakrishnan
Minister of State, Shipping, Road Transport & Highways



“The flagship Sagarmala programme will harness India’s 7,500 km coastline and will promote port-led development in the country.”

Mansukh L. Mandaviya
Minister of State, Shipping, Road Transport & Highways

Ministry of Shipping

Working for economic growth and creation of jobs in the country. It aims to:

- Reduce logistics cost through efficient port operations and shipping services
- Improve efficiency of Major Ports to make Indian goods competitive to promote “Make in India” initiative
- Establish new port capacity to keep pace with the growth in trade – India’s port handle 90 % of EXIM cargo by volume
- Establish top class road and rail infrastructure for speedy movement of cargo to and from our ports
- Boost India’s shipbuilding industry which has a high employment multiplier
- Promote coastal shipping as a viable and cost effective alternative to road and rail transport
- Develop rivers and waterways for environment friendly and inexpensive navigation
- Promote India as a top destination for cruise tourism
- Develop coastal regions and communities through port-led development
- Facilitate alternative connectivity with North East Region through Bangladesh, along the river-sea-river route.



SAGARMALA

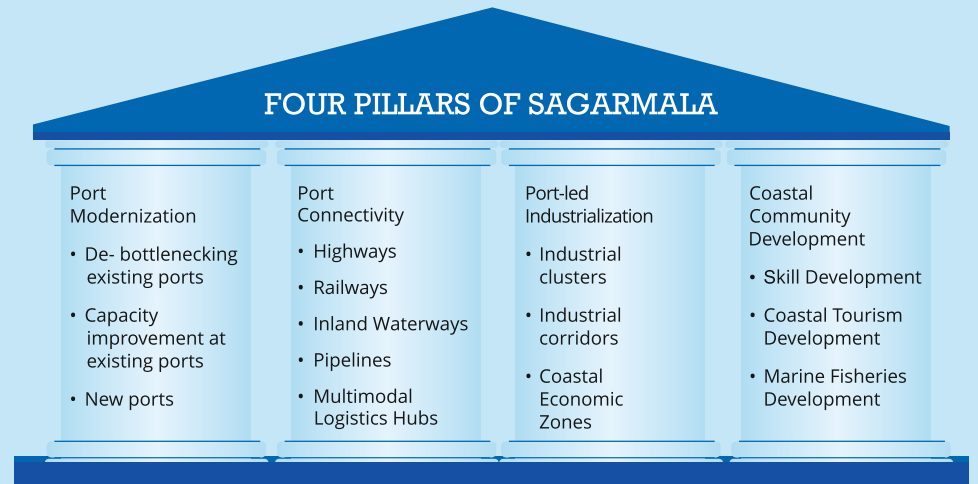
LAUNCHED IN MARCH 2015

Sagarmala is the flagship programme of Ministry of Shipping for Port-led prosperity

SAGARMALA VISION: PORT-LED PROSPERITY



The Sagarmala Programme envisions to reduce logistics cost for EXIM and domestic trade leading to overall savings of ₹ 35,000 to 40,000 crore per annum by 2025.



ACHIEVEMENTS IN SAGARMALA PROGRAMME

National Perspective Plan

Released by Hon'ble Prime Minister on 14th April, 2016

In the National Perspective Plan, 415 projects identified with potential investment of ₹ 8 lakh crore

Indian Port Rail Corporation Limited

- A SPV between 11 Ports and Rail Vikas Nigam Limited with the objective to provide efficient rail evacuation systems at Ports.
- Incorporated on 10th July 2015.
- IPRCL has taken up 28 last mile Rail Connectivity Projects worth ₹ 15,863 crore

Sagarmala Development Company Limited (SDCL)

Incorporated on 31st August 2016, to provide equity support to residual projects

PROJECTS INITIATED UNDER SAGARMALA

- ▶ 239 Projects worth ₹1.37 lakh crore under Implementation and Development
- ▶ 39 Projects already funded under Sagarmala

Project Themes and Implementing Agencies	No. of Projects	Cost (in ₹ crore)
Port Modernisation (Major/ Non-Major Ports)	109	52,978
Port Connectivity (Indian Railway, IPRCL, NHAI, Port Trusts, CONCOR, MoPNG)	99	55,856
Port-led Industrialisation (MoFPI/ MoPNG)	3	26,325
Coastal Community Development	3	90
Projects under Coastal Berth Scheme, Fishery Harbour Scheme and other innovative projects	25	1978
Total	239	137,227



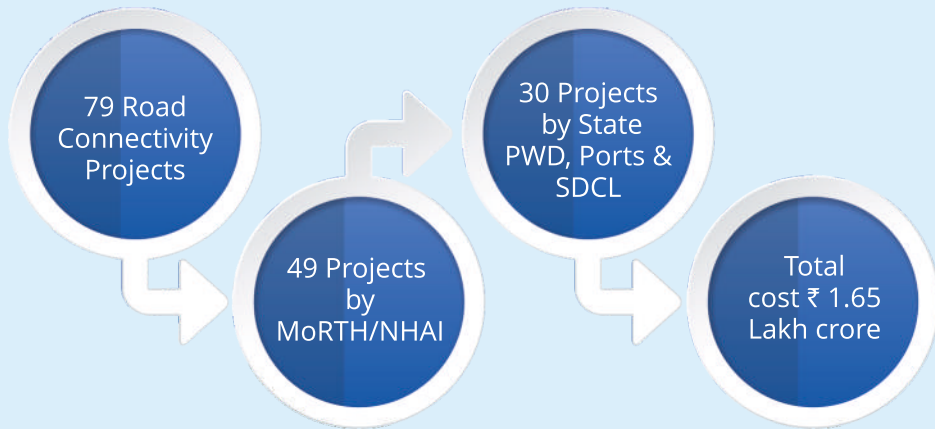
COASTAL BERTH SCHEME ANNOUNCED

- To create infrastructure for the movement of Coastal Cargo and passengers, financial assistance is being provided to major ports, non-major ports and State Governments.
- 40 projects with a total estimated project cost of ₹ 1299 crore are being provided financial assistance.
- 17 projects with a total estimated project cost of ₹ 559.14 crore sanctioned and financial assistance of ₹168.88 crore provided to Major Ports/State Maritime Boards/ State Governments for the creation of coastal shipping infrastructure.
- 23 projects are under various stages of development.

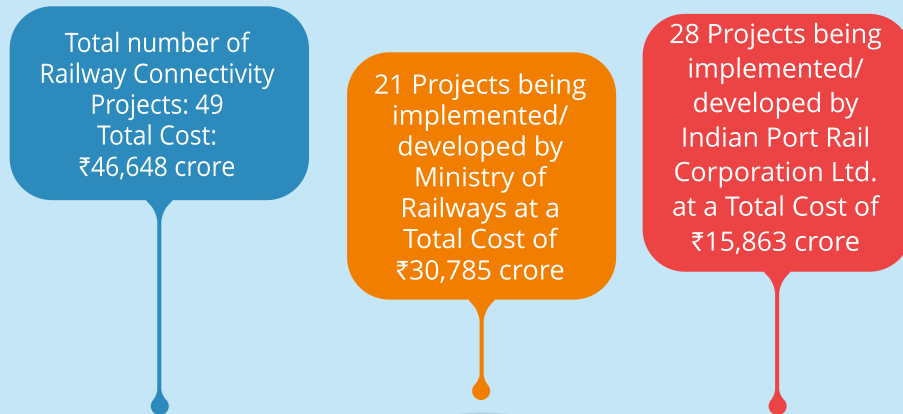


PORT CONNECTIVITY

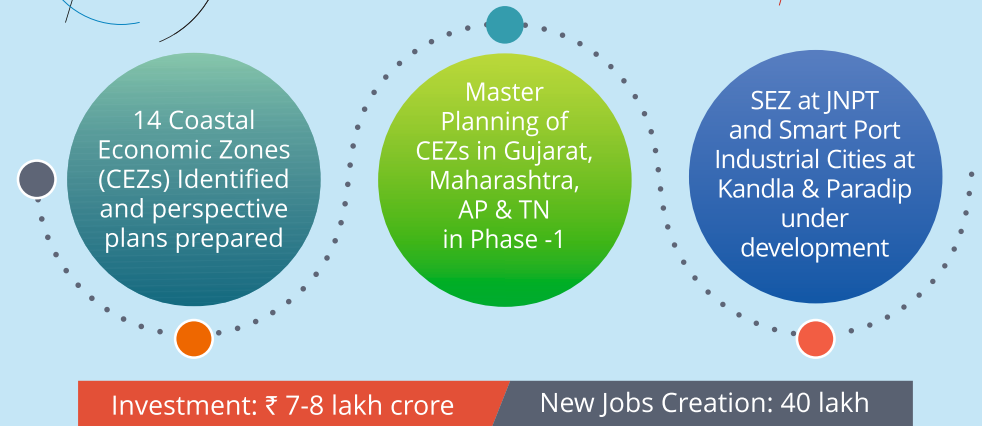
PORT-ROAD CONNECTIVITY PROJECTS UNDER SAGARMALA INITIATED



PORT-RAIL CONNECTIVITY PROJECTS UNDER SAGARMALA



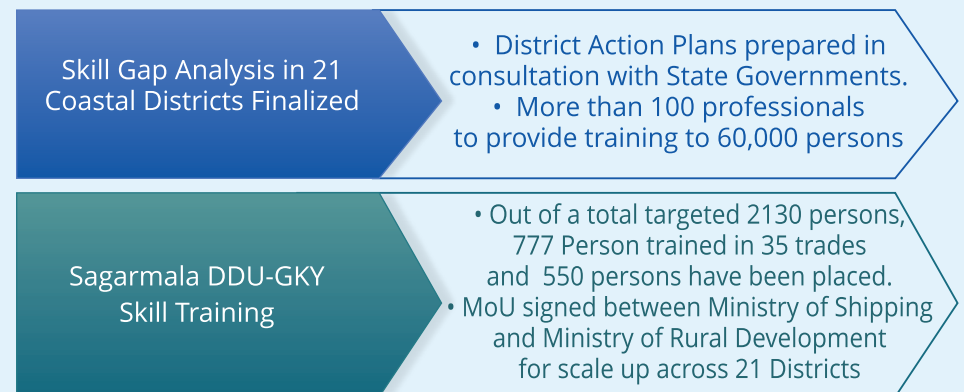
PORT-LED INDUSTRIALIZATION



COASTAL COMMUNITY DEVELOPMENT

SKILL DEVELOPMENT

Development of Coastal Communities as key stakeholders in the Sagarmala Programme, the primary aim of the skill development programme is to bring a tangible change in the core competencies of the workforce and provide them better living standards. Some of the key skill development initiatives are:





MoU signed between Ministry of Shipping and Ministry of Rural Development

Alang-Sosiya Ship Recycling Occupational Safety and Health Training

921 workers trained in Occupational Safety & Health

Logistics Multi Skill Development Centre linked to JNPT Mumbai

In collaboration with the Ministry of Skill Development and Entrepreneurship's flagship Program Pradhan Mantri Kaushal Kendra Program to provide specialized training on Port and Shipping sector

Setting up of Centre of Excellence in Maritime & Ship Building

First of its kind state of the art facility for ship building, is being developed at a cost ₹766 crore

FISHING HARBOUR DEVELOPMENT

- As part of Coastal community Development, under Sagarmala the Ministry of Shipping is part funding select fishing harbour projects in convergence with Department of Animal Husbandry Dairying and Fisheries (DADF)
- ₹ 56.52 crore released during 2016-17 across Karnataka, Kerala, Tamil Nadu & Maharashtra for implementation of 8 projects (2 projects in each state) with a total project cost of ₹466 crore
- In-principle approval to develop deep sea fishing vessels and fish processing centers in convergence with DADF

UNIQUE & INNOVATIVE PROJECTS

- ▶ Ro Pax Ferry Service between Gogha & Dahej (Gujarat):
 - Distance reduced from 268 km by road to 31 km by sea .
 - Time reduced from 7 hours by road to 1.5 hours by sea ferry.
- ▶ National Maritime Heritage Complex (NMHC) at Lothal (Gujarat):
 - World Class National Maritime Heritage complex to showcase India's rich and diverse maritime heritage proposed at Lothal.
 - Main attractions include National Maritime Museum, Archeological Museum and Maritime Heritage based Theme Park
- ▶ RO-RO Services at Mandwa (Maharashtra):
 - Project linking South Bombay (Mumbai), Navi Mumbai and Mandwa (Alibaug) by ferry service
 - Would help reduce road traffic and congestion

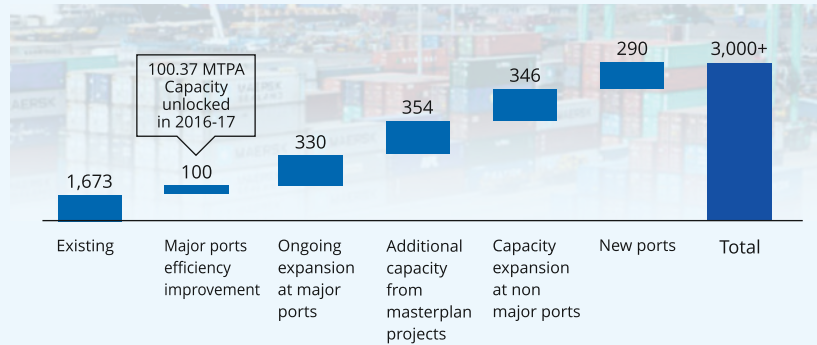


Artist view of Ro Pax Ferry Service between Gogha & Dahej

PORT MODERNIZATION

To meet the future growth in cargo traffic, a roadmap has been prepared to increase capacity of ports to more than 3,000 MMTPA by 2025

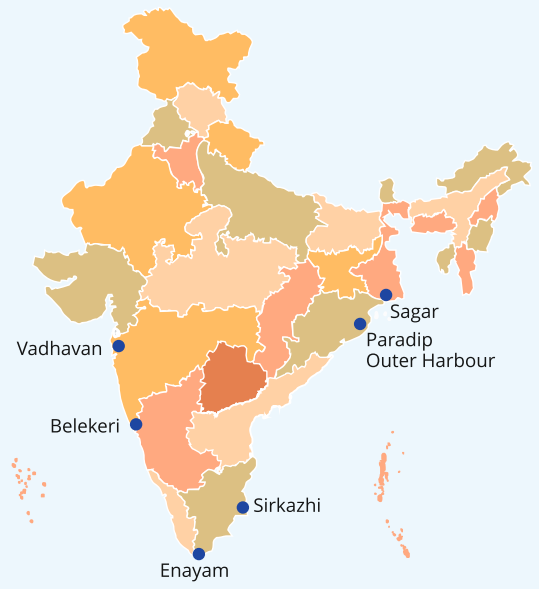
Capacity Build-up Planned in Indian Ports (Major + Non-Major Ports by 2025 in MMTPA)



With the planned projects, there will be sufficient capacity at port to handle projected volumes

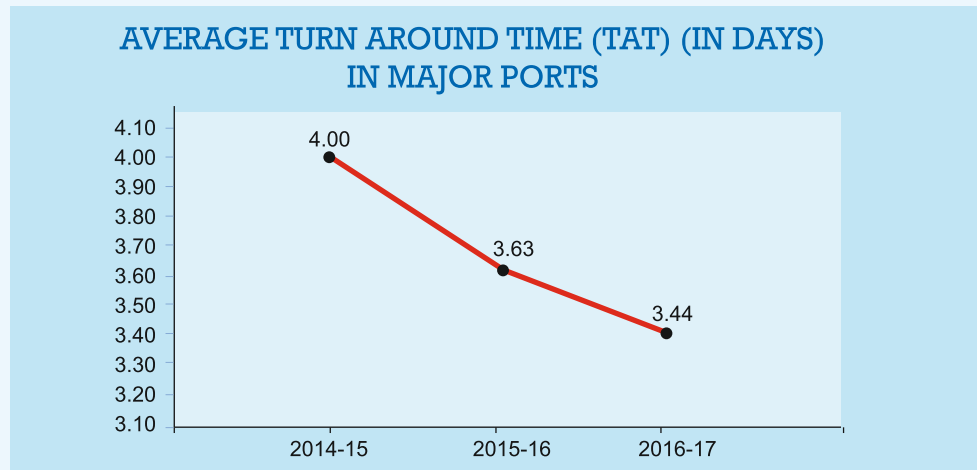
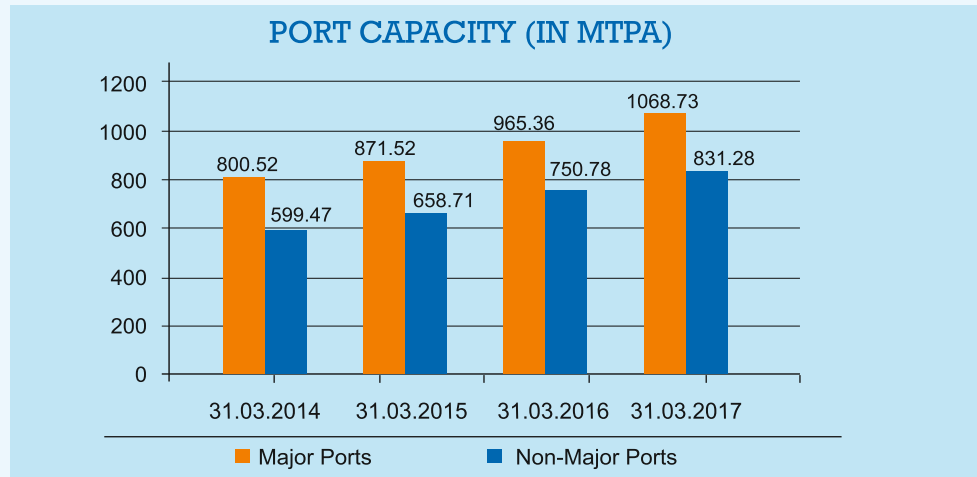
Master Plans finalized for 12 Major Ports
142 Port modernisation projects, Cost ₹ 91,434 crore, estimated capacity addition of 884 MMTPA identified

6 New Port Locations Identified with potential to add 290 Million Tonnes of capacity

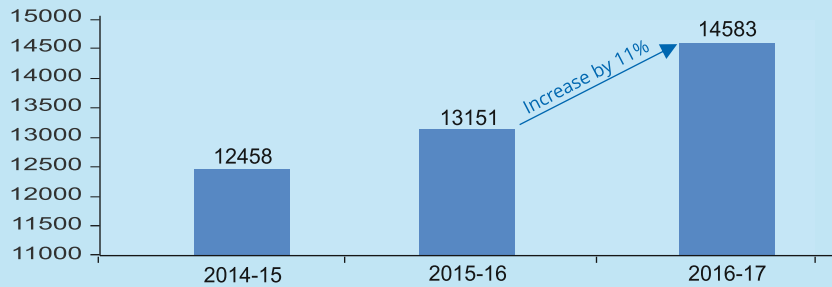


PORTS

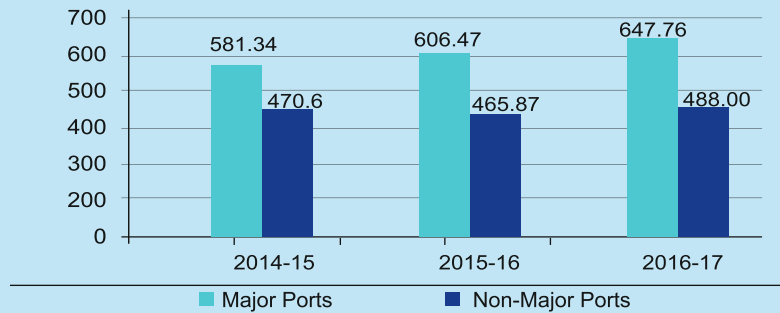
ACHIEVEMENTS-MAJOR PORTS



AVERAGE OUTPUT PER SHIP BERTH DAY (IN TONNES)



CARGO HANDLED IN INDIAN PORTS (IN MTPA)



Kandla 1st Major Port handled 105.44 MMT cargo in 2016-17

- ▶ Highest operating Surplus by Major Ports in 2016-17 is ₹4919.43 crore
- ▶ JNPT became the first Major Port to cross ₹ 1300 crore of net surplus in 2016-17
- ▶ JNPT raised \$ 400 million foreign denominated loan in 2016-17
- ▶ Under Project Unnati, 80 out of 106 initiatives are being implemented to unlock 100 MMTPA of Port Capacity
- ▶ Green Port Initiatives: Projects for 22.6 MW of wind and solar energy commissioned
- ▶ Ease of Doing Business: Direct Port Entry (DPE) increased from 30% to 74% and Direct Port Delivery (DPD) increased from 6% to 8% by March 2017
- ▶ Multi-modal logistics park is being set up in Paradip
- ▶ RFID implemented in six major ports to reduce dwell time, transaction time and congestion
- ▶ Chennai Port and Puducherry Port have signed an MoU for converting Puducherry as a satellite port for Chennai Port

HON'BLE PRIME MINISTER LAYING FOUNDATION OF INFRASTRUCTURE PROJECTS AT KANDLA PORT



MoU signed between Chennai Port & Puducherry Port

Development of Chabahar Port in Iran

- Agreement signed with the Islamic Republic of Iran for setting up and operating 2 Terminals (Five Berths) in Port Chabahar Iran. Procurement of equipment to operationalize the berth is being done.
- Indian Ports Global Ltd. (IPGL) Company incorporated on January 22, 2015 with JNPT and KPT as major stakeholders, headquartered at Mumbai for strategic investments in Ports overseas on behalf of Government of India

POLICY INITIATIVES IN PORTS SECTOR

- ▶ Major Port Authorities Bill 2016 introduced in the Lok Sabha on 16th December, 2016
- ▶ New Berthing Policy to increase productivity and bring about greater transparency
- ▶ New Stevedoring Policy for Port Efficiency and Revenue Optimization
- ▶ Model Concession Agreement being revised to enhance investor confidence
- ▶ Draft Township Development Policy of Mumbai Port formulated

SHIPPING

REFORM MEASURES AND POLICY INITIATIVES UNDERTAKEN

Merchant Shipping Bill, 2016 introduced in the Lok Sabha on 16th December, 2016 to replace the Merchant Shipping Act, 1958

Admiralty (Jurisdiction and Settlement of Maritime Claims) Bill, 2016 was introduced in the Lok Sabha on November 21, 2016. The bill was passed by Lok Sabha on March 10th 2017

At par Service Tax for domestic and foreign shipping lines for transportation of import cargo on voyage charter

Abatement of Service Tax on Coastal Shipping brought at par with Road and Rail

Parity in tax Regime for Indian Sea-farers on Indian flag vessels vis-à-vis foreign flag vessels

Custom and Central Excise Duty exempted on bunker fuel used by Indian Flag vessels carrying a mix of EXIM, empty and domestic containers between two ports in India

Reduction of Central Excise Duty on spares used for repair of vessels

SPECIAL INITIATIVES: TO PROMOTE SHIPBUILDING, SHIP REPAIR & SHIP-BREAKING

- ▶ Infrastructure status granted to standalone Shipyards
- ▶ Financial assistance on 10 year Scheme (outlay ₹4000 crore) approved for Indian Shipyards
- ▶ Formulation of Guidelines for Domestic Eligibility Criteria
- ▶ Ship Breaking Code Revised to match International standards

PROMOTION OF COASTAL SHIPPING

- ▶ Priority berthing to Coastal vessels and green channel clearance
- ▶ 80% discount on Vessels Related Charges (VRC) and Cargo Related Charges (CRC) for Ro-Ro ships
- ▶ Cabotage relaxed for specialized vessels for five years with effect from 02.09.2015
- ▶ Movement of subsidized fertilizers through Coastal, Inland Waterways and Roads qualifies for re-imbursalment of freight subsidy

ACTION TO PROMOTE CRUISE SHIPPING

- ▶ Standardised Operating Procedure (SoP's) for cruise vessel finalized
- ▶ Port level committees constituted to address man power, co-ordination and logistics issues
- ▶ Minimum 30% rebate by Major Ports on port charges for cruise vessels
- ▶ 65% rebate for home porting by cruise vessels for coastal run
- ▶ Cruise vessel traffic at five Major Ports (Mumbai, Goa, New Manglore, Cochin & Chennai) increased from 128 in 2015-16 to 158 in 2016-17
- ▶ Walk-in berthing/ preferential berthing to homeport without any extra charge
- ▶ Cabotage relaxation for foreign flag passenger vessels extended upto 05.02.2024



Cochin Port Trust

INLAND WATERWAYS

The National Waterways Act, 2016

Simultaneous declaration of 106 additional National Waterways besides the existing 5 National Waterways for developing shipping and navigation

Development of 32 New National Waterways in the next three years.

Jal Marg Vikas Project –

World Bank approves loan of USD 375 million

Draft Inland Vessels Bill, 2017

to replace the existing Inland Vessels Act, 1917

ACHIEVEMENTS:

The Jal Marg Vikas Project (JMVP) on NW-1 (River Ganga)

- Augmentation of navigational capacity of NW-1 (River Ganga)
- Total estimated cost of project is ₹ 5369 crore
- Technical and financial assistance being provided by the World Bank
- Distance: 1380 km

State of the art
Multi-Modal Terminals
at Varanasi, Sahibganj and Haldia
under the JMVP

Construction of Navigational
Lock at Farakka started

River Information System (RIS)
Installed and commissioned between
Haldia and Farakka

2.5% of Cess funds (CRF)
earmarked
For the development and maintenance of
National Waterways

Low Draft,
LNG Powered Vessels
proposed to be introduced on
National Waterways

Construction of
Ro-Ro Terminal
At Dhubri, Bolgatty and Willingdon Island

CARGO MOVEMENT ON NATIONAL WATERWAYS

Successful Pilot Run of transportation of cars from Varanasi to Kolkata

1400 tonnes of construction material from Varanasi to Kolkata

240 tonnes of bagged cement from Kolaghat to Bhagalpur

Other cargo transported by Inland Waterways such as defence cargo, stone chips, coal etc.

Transportation of cargo by National Waterways 1, 2 and 3

Year	2014-15	2015-16	2016-17
Lakh Tonnes	300.56	412.94	529.32



Cargo Transportation on River Ganga

COOPERATION WITH BANGLADESH

- ▶ Automatic Renewal Protocol on the Inland Waterways Transit and Trade
- ▶ MoU on Passenger and Cruise services on the Coastal and Protocol Routes signed on 8 April, 2017
- ▶ MoU on fairway development of Ashuganj – Zakiganj stretch of Kushiyara River and Sirajganj – Saikhowa stretch of Jamuna river signed on 8 April, 2017
- ▶ Movement of 1004.41 MT of Steel / TMT bars from Kolkata to Agartala (via Ashuganj) through Inland Waterways and Indo-Bangladesh protocol route in July, 2016

IMPROVEMENT IN PERFORMANCE OF PUBLIC SECTOR UNDERTAKINGS

COCHIN SHIPYARD LIMITED

- ▶ India's premier ship building company can build ships upto 110000 DWT and repair ships upto 125000 DWT
- ▶ Building India's first indigenous aircraft carrier
- ▶ Cochin Shipyards has taken the management of HDPEL to make LNG vessels

- ▶ Cochin Shipyard Ltd. to make LNG vessel at Hooghly Docks Port Engineering Ltd.
- ▶ LNG vessels will be built with French technology company Gaztransport
- ▶ Cochin Shipyard Ltd. to make 4 vessels for ALHW at a cost of ₹1291.50 crore.
- ▶ CSL made profit of ₹235.06 crore (2014-15), ₹275.03 crore (2015-16) and ₹234.39 crore (upto 31st December, 2016)

SHIPPING CORPORATION OF INDIA

- ▶ Modern fleet of 17 bulk carriers
- ▶ 37 Oil and Gas tankers operating on India shores
- ▶ 5 VLCCs have improved SCIs profitability
- ▶ SCI made profit of ₹ 200.93 crore (2014-15), ₹377.29 crore (2015-16) and ₹43.16 crore (upto 31st December, 2016)

DREDGING CORPORATION OF INDIA

- ▶ International dredging contract with Bangladesh of ₹96 crore at Mongla Port
- ▶ Indigenization of spares for Make in India initiative saving upto ₹1.26 crore
- ▶ DCI made profit of ₹62.41 crore (2014-15), ₹79.67 crore (2015-16) and ₹3.67 crore (upto 31st December, 2016)

SWACHH BHARAT ABHIYAAN

- ▶ A time bound programme of 22 activities identified at 12 Major Ports, 5 PSE's and 7 attached offices/ organizations under MOS
 - ▶ Special Awareness campaign for cleaning of work place, Port premises, Tree plantation and beautification drive undertaken at all ports and organizations.
- Key activities:-

- ▶ Cleaning the Wharfs and repairing of Port roads
- ▶ Neat paving for the pavements and modernizing all toilet complexes
- ▶ Cleaning & repairing all drainage & storm water systems
- ▶ Swachhta Pakhwada was organized from 16th March to 31st March, 2017, 42,000 employees participated in this mega cleanliness drive



Shri Nitin Gadkari, Minister of Shipping launching the Swachhta Pakhwada at 'Shipping House', SCI's Head Quarters in Mumbai on 16th March, 2017



Minister of State Shri Pon. Radhakrishnan participated in Mass Cleaning Drive at VoCPT

Minister of State Shri Mansukh Mandaviya participated in cleaning of the beach at Visakhapatnam during Swachhta Pakhwada

OTHER INITIATIVES

Indian Maritime University

- Changed pen-and-paper mode of Common Entrance Test (CET) to Computer-based Online test for admissions
- Online counselling system in practice now

Directorate General of Lighthouses and Lightships

- Initiatives in Cruise and Lighthouse tourism
- Achieved 100% green energy status with the Solarization of all lighthouses
- Establishment of NAVTEX System (Navigational Text Message for mariners)
- Completion of new lighthouse at Vembar
- National Coastal Vessel Traffic Service (NCVTS) project for enhancing the national coastal navigation safety and protection of environment

Directorate General of Shipping

- 38 services provided online for bringing transparency in the interface between shipping companies which has benefited 2 lakh users (seafarers, multi-modal transporters and maritime training institutes)
- Online feedback and grievance redressal mechanism operationalized
- Tablet based examination and certification system introduced for engineering examination, meant for sea cadets and officers near coastal vessels

MARITIME INDIA SUMMIT, 2016

Maritime India Summit, 2016

held on 14th to 16th April, 2016

42 Maritime Countries participated

141 business agreements

with estimated investment of around Rs. 83000 crore signed

Republic of Korea

was the Partner Country for the Summit

More than 5200 delegates from across the world participated in the Summit

Enthusiastic response from 197 exhibitors including 81 international companies, 80 Indian private sector companies and 36 Government owned entities



Hon'ble Prime Minister Narendra Modi inaugurating the Maritime India Summit 2016



Hon'ble Prime Minister, Minister for Shipping, Road Transport & Highways and Secretary (Shipping) interacting with the Korean Delegation