



जने पन्यास
JNPT

BIG FACILITIES

BIGGER

OPPORTUNITIES



INDIA'S PORT SECTOR AT A GLANCE

The Indian ports and shipping industry plays a vital role in sustaining the growth of our country's trade, commerce, as well as its overall economy. At present, India is the 16th largest maritime country in the world, with a coastline measuring more than 7500 km. According to the Ministry of Shipping, around 95% of India's trading by volume and 70% by value is done through maritime transport.

With 12 major ports and around 200 minor ports in India, the total cargo handling capacity of these ports is about 2400 million tonnes per annum.

- The overall installed capacity of major ports in India has increased over 76% to reach 1,534.91 MTPA in March 2020, a giant leap from March 2014's number of 871.52 MTPA. In September 2019, the turnaround time at major ports was 64.69 hours
- In FY20, major ports in India handled 704.82 million tonnes (MT) of cargo traffic, implying a CAGR of 2.74% during FY16-20
- Cargo traffic at non-major ports reached 447.21 MT in FY20 (till December 2019)
- India's cargo traffic handled by ports is expected to reach 1,695 million metric tonnes by 2021-22
- Within the ports sector, projects worth investment of US\$ 10 billion have been identified and will be awarded in the coming five years
- India also takes the 5th position amongst the world's top ship recycling countries and holds 30% share in the global ship recycling market. India has also become the 4th country in the world to have its Independent Regional Navigation Satellite System (IRNSS)
- Special Economic Zone (SEZs) are being developed near several ports, comprising of coal-based power plants, steel plants and oil refineries



JNPT OVERVIEW

The Jawaharlal Nehru Port Trust (JNPT) at Navi Mumbai is the largest container handling port in India, accounting for around 50% of the total containerized cargo volume across all the major ports. Commissioned on 26th May 1989, in three decades of its operations, JNPT has metamorphosed from a bulk-cargo terminal to become India's premier container port. It is connected to over 200 ports in the world and ranks 33rd in the list of top 100 Container Ports globally.

Spread across 3,402 Hectares (Ha) of land, JNPT occupies the pride of place amongst the most modern ports of India. Strategically located, in close proximity to Mumbai - the economic capital of India, JNPT hosts 5 dedicated leading global terminal operators to provide World Class Services for EXIM trade. The port's expertise lies in handling containers, liquid bulk & cement ships.

JNPT CURRENTLY OPERATES

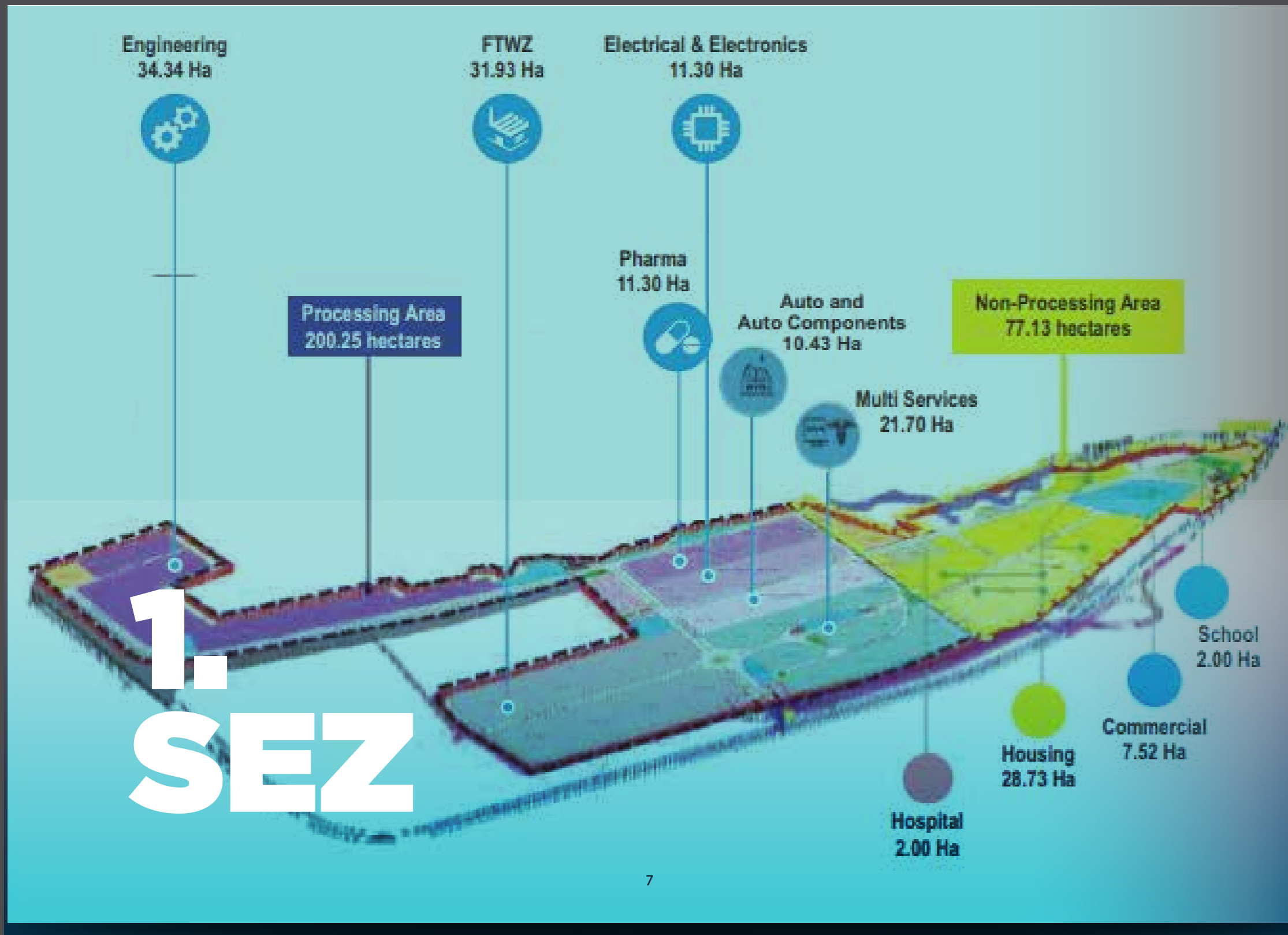
- The Jawaharlal Nehru Port Container Terminal (JNPT)
- The Nhava Sheva International Container Terminal (DP WORLD)
- Nhava Sheva International Gateway Terminal (DP WORLD)
- The Gateway Terminals India Pvt. Ltd. (APM Terminals & CONCOR)
- Shallow Water Berth (JNPT)
- Liquid Cargo Terminal (BPCL-IOCL consortium)
- Bharat Mumbai Container Terminals Private Limited (Developed by PSA)

Connected with 34 CFSs and 47 ICDs, JNPT is poised to have the capacity to handle 10 million TEUs of containers by the year 2022-23. Its navigational channels have a draft of 15 meters thus can berth larger vessels of up to 12,500 TEUs.



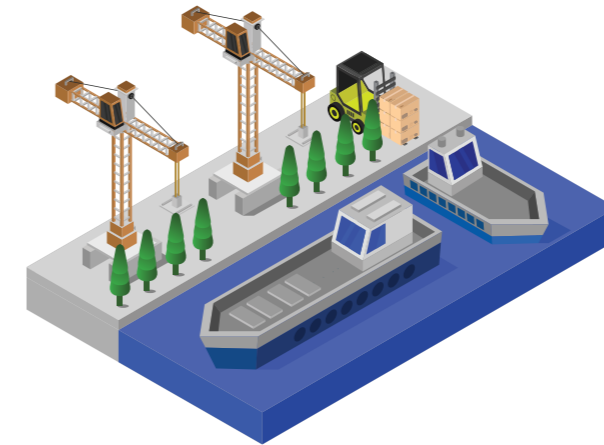
INVESTMENT OPPORTUNITIES AT JNPT

JNPT has systemically invested in enhancing its operational efficiency, technological advancements, and innovations to enable seamless trade. This will unlock new avenues of prosperity for the EXIM community and the stakeholders and help JNPT become the Port of Choice for the Exim Trade



- To give momentum to port-led industrialization, 277.38 Ha has been identified for development of a Special Economic Zone, on land notified as SEZ by MoC&I and GOI. An investment of Rs. 566 Crores has already been pumped in for infrastructure development of the SEZ.
- The state-of-the-art infrastructure for carrying out activities as permitted under the SEZ Act and Rules provisions for manufacturing, trading, warehousing, cold storage, IT, ITES services and other sectors.
- The land allotment with 60 years lease in JNPT SEZ is carried out through the transparent process of e-tender & e-auction. Total 400 acres of land earmarked of which 80 acres of land has already been allotted to 21 units.
- On 1st February 2021, JNPT announced the availability of 16 plots for units (51 acres) and one plot for co-developer in the SEZ (41 acres).
- JNPT-SEZ is expected to generate Rs 4,000 Crores of investments and 150,000 direct and indirect employment.
- JNPT also enjoys the Special Planning Authority (SPA) status for the SEZ project.





- JNPT shoulders coastal cargo like cement, containers, edible oil and agro product commodities.
- To promote coastal shipping, JNPT took the project of 'Coastal Berth' under the Coastal Berth Scheme of Sagarmala.
- The new coastal berth will serve to evacuate coastal cargo faster through a green channel.
- Coastal Berth will allow for setting up of permanent structures like storage silos and tank farms for liquid storage within the vicinity.
- The coastal berth is equipped with a quay length of 250 meters, that can handle vessels up to 25,000 DWT.
- With a capacity to handle 2.5 million tons of coastal cargo including liquid cargo, it will provide world-class amenities to stakeholders and give momentum to coastal shipping and will immensely boost coastal cargo trade.
- The physical construction of the coastal berth is completed and the selection of the operator is under process.



3. LIQUID BERTH



- JNPT is developing additional Liquid Berth terminal of 4.5 MTPA in addition to the existing terminal of 6.5 MTPA capacity.
- Planned Capacity - 4.5MTPA with a twin type liquid jetty arrangement.
- Estimated Investment by PPP Concessionaire is Rs. 90 Crores.
- The operations & maintenance will be outsourced and the operators will be responsible for installing Marine Loading Arms, Slop Tanks, Pipelines Connectivity to the Existing Berth, Instrumentation & Controls.



4. SHALLOW BERTH

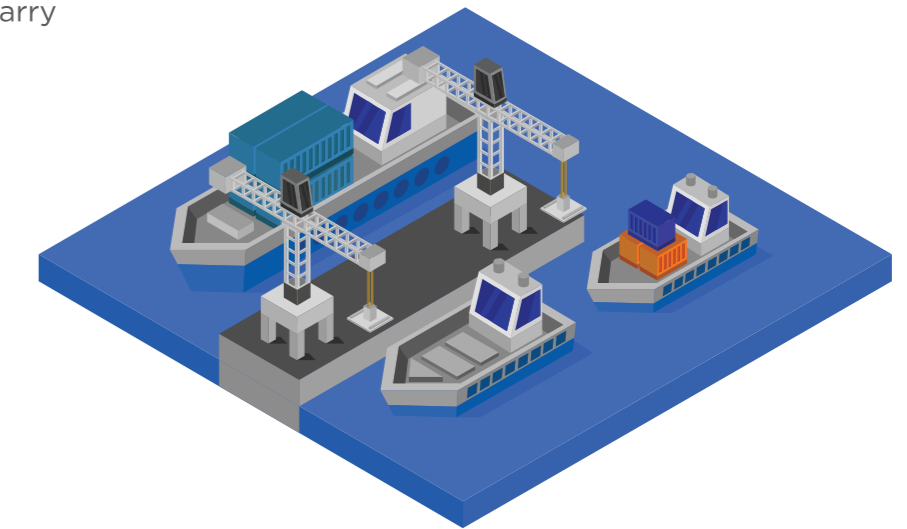


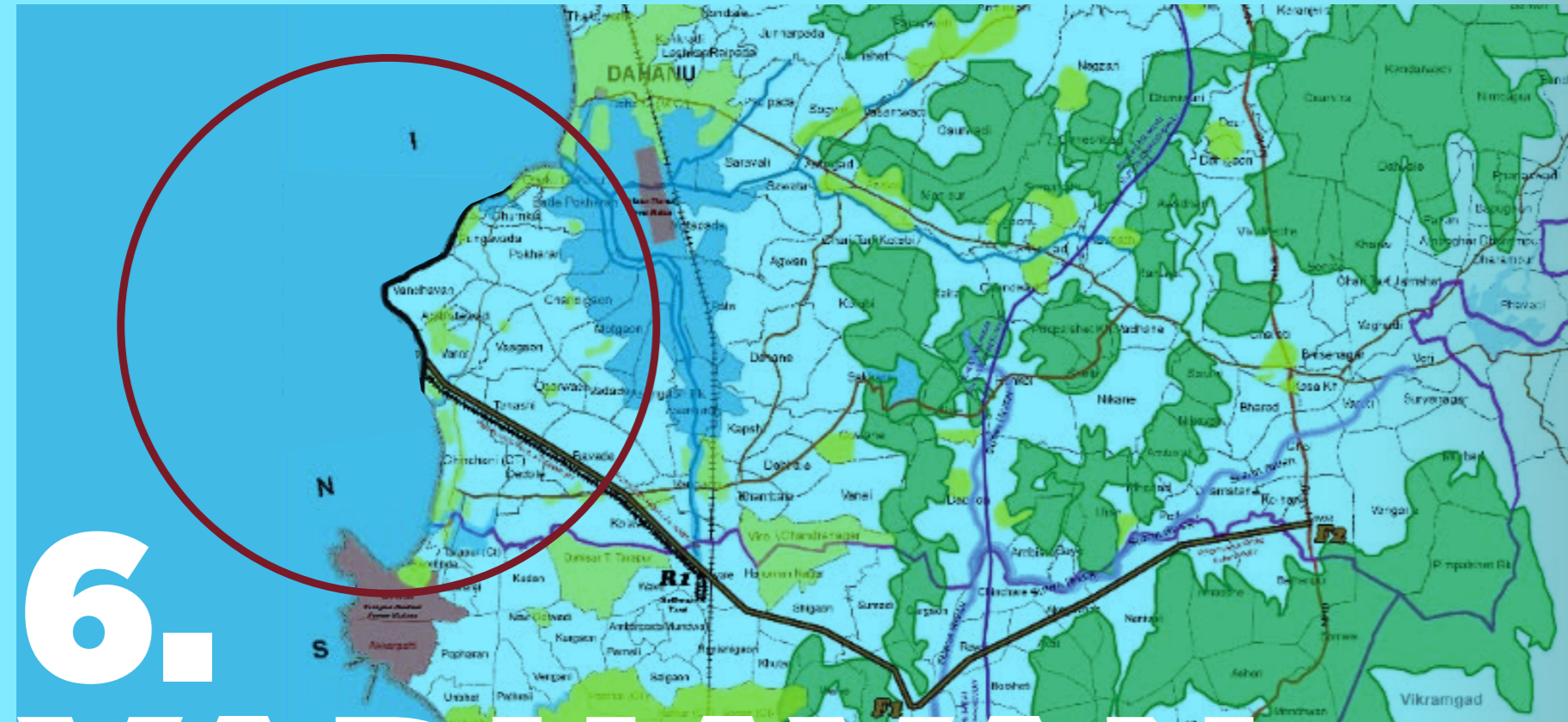
- The existing shallow water berth is being redesigned to serve all coastal RO-PAX /Ro-Ro vessels up to 25m Beam and 170m LoA.
- Total allocation Rs. 46.34 Crores, Design and Detail Engineering completed by the prestigious IIT Madras.
- A new transport system designed to reduce transport cost & delivery time and facilitate direct delivery to Mumbai.
- Work for conducting the Techno-Economic Feasibility Study Report to improve capacity utilization of Shallow Water Berths at JNPT was awarded to M/s Crisil Risk Infrastructure Solutions Limited.



5. JNPCT

- JNPCT Capacity - 1.35 Million TEUs a year.
- Estimated cost through PPP - Rs. 863.31 Crores.
- Phase 1: Project to continue till traffic reaches 1.2 Million TEUs. Proposed additional 2 RMQCs and civil work for berth.
- Phase 2: Proposed additional 3RMQCs.
- Developer to upgrade, operate and maintain the berth for a period of 30 years and also bring in the required finances, carry out refurbishment of berth and infrastructure upgradation.





6. VADHAVAN PORT

- The VadHAVAN Port is the pivotal piece for achieving the need for increased port capacity. The gap along the Western Coast had become imperative due to Mumbai Port & JNPT's constraints in the evacuation of cargo.
- Nearly 140 kilometers off downtown Mumbai, 150 kilometers north to JNPT, 180 kilometres south to Surat and 160 kilometres west to Nashik, VadHAVAN is strategically located.
- The port is being developed with an investment of Rs 65,544 crore.
- Natural Water Depth - 20 meters at a distance of 10 kms Contour - 15 meters at a distance of 6kms from shore.
- The port is being developed as an 'All Weather All Cargo' world-class mega port.
- JNPT (74%) and Maharashtra Maritime Board (26%) are development partners. It will be developed on a landlord model under a Special Purpose Vehicle (SPV), Expected private investment - Rs. 36,000 Crores.
- Land Availability: 1,473 Ha for Infrastructure like Breakwaters, Rail Line, Yard & Road Connectivity, Power and Water Line, Internal Roads and Common Amenities are planned.
- Projected Traffic: 302 MTPA and Handling capacity of container vessels: 24,000 TEUs



- To make its hinterland connectivity more efficient and ease the transportation of domestic cargo, JNPT is developing dry ports at Jalna, Wardha, Nashik and Sangli.
- The presence of industrial regions with existing and upcoming enterprises help establish synergies between the industry and its logistic requirement and creates an efficient network that shall enable reduced logistics cost, improved freight aggregation, distribution, storage and ensure a faster delivery to customers.
- The Jalna Dry Port with an area of 182 Ha (land acquired) is being developed at a cost of Rs. 327 crores with key infrastructure like Railway Sidings (PFT), Water, Power, Container Cargo and Domestic Industrial Cargo.
- Wardha Port has an area of 140 Ha (land acquired) at Sindi Village, Maharashtra. Project Development Cost Rs. 469.92 crores, with key facilities like Railway Sidings (PFT), Water, Power, Container Cargo and Domestic Industrial Cargo.
- The target industries and investment partners include ICD Operation/ MMLP Development/ Container Handling/ Third Party Logistics/ CHAs/ Freight Forwarders/ Iron and Steel/ Automotive Parts/ Engineering Articles/ Plastic and Plastic Products/ Paper and Paper Boards/ Agro Products/ Food Processing Industry/ Seeds Processing/ Oil Refineries/ Textile Industry/ Wood Processing Industry/ Packaging Films/ Eco-Injection Moldings/ Iron Scrap Handling/ FMCG & Electrical Transmission Towers.
- Site identification and land acquisition for the Nashik and Sangli Dry Ports is under process.



INDIA'S
NO.1
CONTAINER
PORT

जवाहरलाल नेहरू पत्तन न्यास
JAWAHARLAL NEHRU PORT TRUST

Administration Building, Sheva, Navi Mumbai - 400 707, Fax: 022-2724 4020,
1502, Express towers, Nariman Point, Mumbai - 400 021, Fax: 022-67431116.
marketing@jnport.com | www.jnport.gov.in For information call JNPT helpline no. 1800228282
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