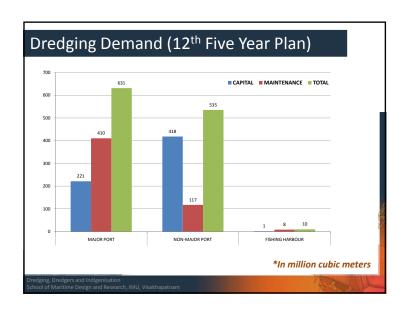


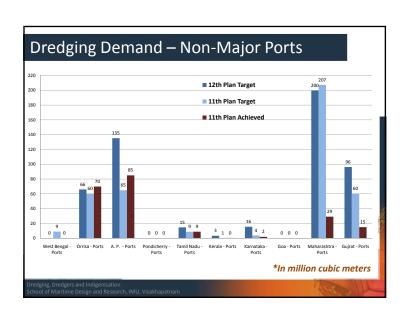
Types and Sectors Types **Sectors** Capital Dredging Major Ports Maintenance Dredging Non Major Ports Reclamation > Fishing Harbours Combination Inland Waterways Captive Jetties Shipyards Oil and Gas Coastal Protection > Recreation / Water-bodies > Agriculture

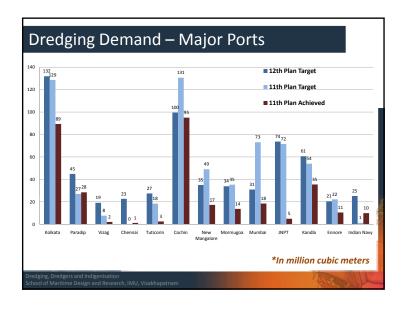
	Estimated Cost (Rs. in Million)	Capacity (MTPA)
Jawaharial Nehru Port		
Container Terminal, MSICT	6000.00	13.20
BPCL letty	2000.00	5.50
Third Container Terminal	9000.00	15.60
Mumbai Port		
Construction of two new off Shore container berths and Development of container terminal on BOT basis in Mumbai Herbour Sample Lis	14600.00	9.60
Mormugao Port Sample Li		
Bulk Cargo Berths No. 5A & 6A	2500.00	5.00
Kandia Port		
Fifth Oil Jetty (IFFCO)	215.00	2.00
Oil Jetty related facilities at Vadinar (ESSAR)	7500.00	12.00
Oil Jetty awarded to M/s IOCL	207.00	2.00
Container Freight Station	410.70	3.00
Container Terminal (Phase I & II)	4465.40	7.20
Tuticorin Port		
Container Terminal (Berth No. 7)	1000.00	5.00
Construction of Coal Berth at NVW for NLC TNEB	490.00	6.30
Visakhapatnam Port		
Container Terminal, Outer Harbour	1080.00	1.60
Muldpurpose Berths - EQ-8 & EQ-9	1960.00	6.00

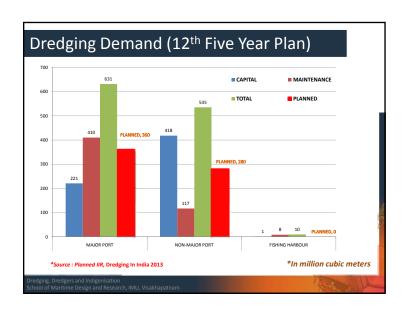
Major Projects Mumbai Harbour – JNPT Channel Dredging Kolkata Port and Haldia Dock Development and Expansion Project Mega Container Terminals at Various Ports JNPT, Chennai Port Trust, Ennore Port Ltd. L & T Kattupalli Terminal, ICTT – Increase in Depth Available Bulk Terminal by Adani Port Karikal Port Expansion Project National Waterways Coastal Development and Protection National Watershed Development Program - ICAR

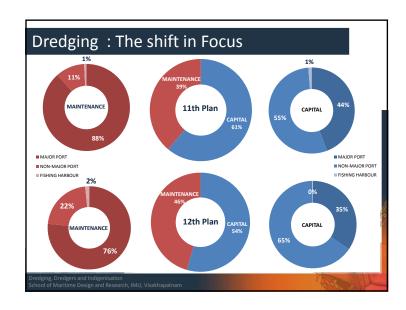
Dredging Demand (12th Five Year Plan) S. No. Year **Major Ports** Non-Major Ports Total Total Capital 1 2012-2013 77.17 122.61 109.95 123.82 13.87 3.06 2 2013-2014 75.17 159.2 129.98 20.43 150.41 1.07 1.27 2014-2015 84.97 124.92 88.99 27.78 116.77 2.14 2015-2016 26.58 86.47 113.05 26.63 1.07 1.27 51.46 78.09 2016-2017 25.11 111.58 2.04 2.24 221.11 410.25 631.36 418.05 117.19 535.24 1.5 8.48 9.98 640.66 535.92 *In million cubic meters



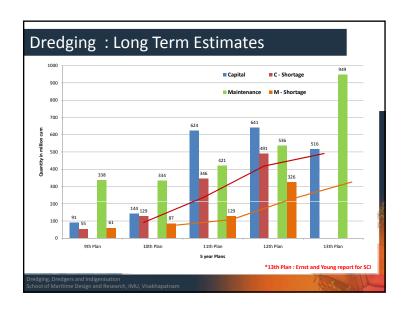




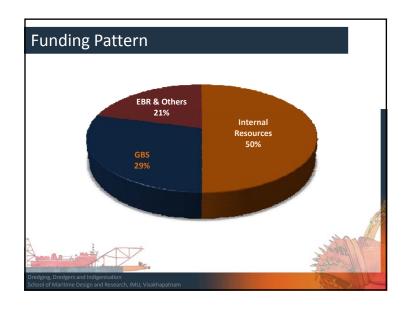












According to Hemanth Rao. "It has become a policy to allow global major to walk away with most of the dredging contracts in the country unlike what is practiced in the U.S. and other countries. "In America dredging contracts are given to U.S. companies, and the bidder has also to ensure he deploys dredgers made in the U.S. and manned by Americans only," he said. "Indian companies are never given any such preferential treatment in their own country." *Source: Marine Professionals Website Dredging, Dredgers and Indigenisation School of Maritime Design and Research, IMU, Visakhapatnam

* NMDP and Maritime Agenda 2020 * 100% FDI in Dredging – both operations and setting up office * New Improved dredging policy introduced * Focus on research work and specialised training/education in the field of Dredging * No import duty on vessels bought by Indian Owners* * Introduction of Tax Free bonds – JNPT, EPL and DCI * Focus on PPP Model – BOT/ DBFOT * 2012-2013 : 32 Projects awarded, INR 6757 Cr to add capacity of 137 MMTPA Highest in terms of awarding capacity augmentation projects * 2013-2014 : 30 Projects awarded, INR 25,000 Cr to add capacity of 282 MMTPA * Proposed introduction of New Dredging company - SCI + Kandla + Paradip + DCI

