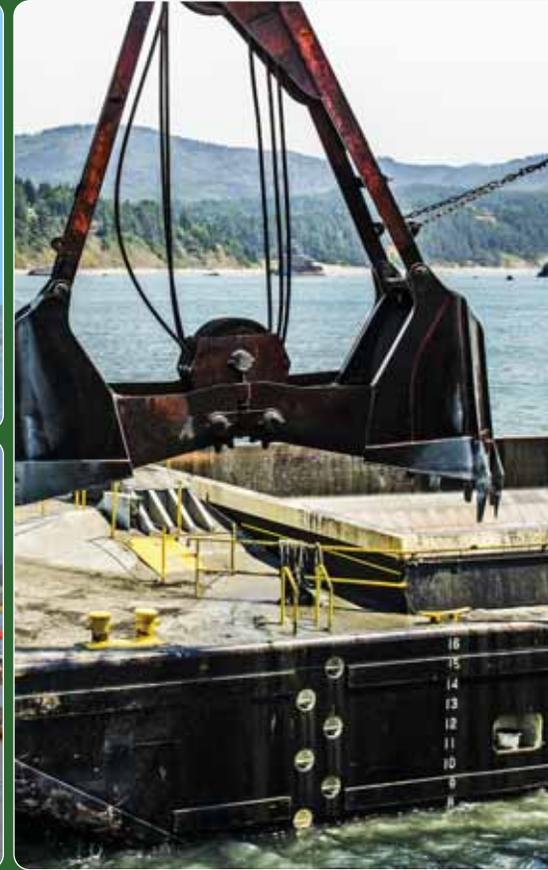


9h Annual Conference on

DREDGING IN INDIA

September 6-7, 2018, ITC Maratha, Mumbai



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DREDGING IN INDIA

Mission

- Worldwide, ship sizes are increasing to achieve economies of scale. As a result, there have been major investments in deepening the channel for ships, and expansion and development of new ports, which, in turn, has led to an increased demand for dredging.
- India is no exception. With various maritime programmes such as Sagarmala and the Jal Marg Vikas, the union government is focusing on creating as well as maintaining deeper depths at ports and inland waterways.
- The sector is witnessing new developments every year. In November 2017, guidelines for the issue of security clearance to bidders with respect to dredging projects at the major ports were approved by the Cabinet Committee on Security. The process for disinvestment of 100 per cent paid-up equity capital in the Dredging Corporation of India (DCI) through strategic sale with the transfer of management control has started.
- Long-term contracts and new funding sources are being explored. The industry profile is slowly changing with the growing presence of private contractors, both domestic and foreign. Rising opportunities have also led to the procurement of new high capacity dredgers. Greater emphasis is being laid on indigenous manufacturing of dredgers.
- Apart from the core sectors, ports and inland waterways, contractors are exploring opportunities in aggregate dredging, dredging for the oil and gas sector, shallow water dredging, waterfront development, offshore mining, land reclamation activities, etc. They are also looking for opportunities abroad. DCI, for instance, which secured a contract for Mongla Port, Bangladesh, in 2017, is also eyeing Bahrain and Turkey, among others.
- While companies are exploring greater opportunities in the dredging industry, several challenges need to be overcome. The sector is struggling with a shortage of trained and qualified personnel, lack of dredger repair capabilities, poor structuring of contracts, inadequate investigation techniques, etc.
- Having said that, substantial opportunities are expected to open up in the next few years, driven by a focus on the development of ports and inland waterways, and growing demand from other areas. Advanced technologies and equipment for carrying out dredging as well as designing of dredgers, undertaking surveys, proper management and disposal of dredged material, etc., need to be explored on a continuous basis.
- **The mission of this conference is to highlight the trends and opportunities in the sector and discuss the key challenges. It will also showcase some of the noteworthy initiatives, projects and technologies.**

Target Audience

- The conference is targeted at:
 - Major port trusts
 - Dredging contractors/sub-contractors
 - Environmental analysts
 - Private port operators
 - Dredger manufacturers
 - Design consultants
 - Ports developers
 - Dredging equipment providers
 - Funding/Development agencies
 - Maritime boards and state port departments
 - Shipyards
 - Financial institutions/Banks/Equity analysts
 - Captive jetties
 - Surveyors, investigators and hydrographers
 - Consultancy organisations
 - Irrigation departments
 - Technology providers
 - Oil and Gas Refineries and Exploration Companies
 - Hydro and Wind power developers
 - Dam Construction Contractors
 - Mining Contractors
 - Legal firms
 - Etc.

Previous Participants

The participants in our previous conferences on "Dredging in India" include: ABC Dubash, Adani Hazira Port, Adani Ports and SEZ, Aeromarine, Alar Infrastructure, Alla Instruments, Ambuja Cements, Amrut Dredging, APT Global, Bardal Group, BEML, BenLine Agencies, BMT Consultants, Boskalis, Chellaram Shipping, Cleantec Infra, Coastal Marine, Cochin shipyard, Cockett Marine, Damen Shipyards, DCI, Deme Group, Dragados, Dredging Solutions, Eastern Dredging Association, Ellicott Dredgers, EQMS, Essar Ports, F3 Offshore, Fugro Survey, Fyn Equipments, Gtec, Geo Marine Consultants, Hi tech, Horizon Group, Hydac, IHC Merwede, IMOTEC, IMS Ship management, India Futuristic Marine, Indo Energy International, ISDPL, IWAI, Jan de Nul, Jeyanth Shipbuilders, Julong, Kandla Port, Kenna Metal, Kongsberg Maritime, Maccaferri, Maharashtra Maritime Board, Mandiesel, Marintek, Mazagon Dock, Meka Dredging, Mercator, Mumbai port trust, National Institute of Ocean Technology, National Marine Dredging Company, National Mission for Clean Ganga, NMDC, Ocean Science, Penta Ocean, Pole star Marine, Prism Cement, Rites, Rock and Reef Dredging, Royal IHC, Samudra Dredging, Sangir Plastic, Shandong Heavy Machinery, Shanti Lal Mehta, Shofti Shipyard, Simplex Infrastructure, SNF India, TCE, Tristan Marine, Ultratech Cements, Van Oord, Vedam Design, Waterking, etc.

AGENDA/STRUCTURE

KEY TRENDS AND OUTLOOK

- ❖ What have been the key trends and developments in the dredging sector?
- ❖ What is the future outlook? What are the new opportunities?
- ❖ What are the key issues and challenges?

GOVERNMENT PERSPECTIVE

- ❖ What is the government's perspective on the dredging industry?
- ❖ What were the targets and achievements of the Twelfth Plan?
- ❖ What can the industry expect from the government going forward?

CONTRACTORS' (DOMESTIC AND FOREIGN) PERSPECTIVE

- ❖ What has been the experience of private contractors in undertaking dredging projects?
- ❖ What are the emerging opportunities?
- ❖ What are their key concerns?
- ❖ What are their expectations from the government?

INLAND WATERWAYS AUTHORITY OF INDIA PERSPECTIVE

- ❖ What has been IWAI's experience so far?
- ❖ What are the capital and maintenance dredging needs of inland waterways?
- ❖ What are the upcoming dredging opportunities?
- ❖ What are the key issues and challenges?

PORTS' PERSPECTIVE

- ❖ What has been the experience in undertaking dredging for the ports sector?
- ❖ What are the emerging dredging needs and requirements of the ports sector?
- ❖ What are some of the noteworthy projects (completed or ongoing)?
- ❖ What are the key issues and challenges?

MANAGING DREDGING PROJECTS

- ❖ What approach is followed for managing dredging projects?
- ❖ What role can a project management consultant play? How are project costs managed?
- ❖ What are the key challenges for managing dredging projects?

CONTRACT DESIGN AND IMPLEMENTATION

- ❖ What are the different types of contracts used for dredging projects in India?
- ❖ What is the relevance of FIDIC in the Indian dredging sector?
- ❖ What are the key issues and challenges? How can they be addressed?
- ❖ What are the global best practices? What lessons can be learnt from the same?

FOCUS ON EQUIPMENT AND TECHNOLOGY

- ❖ What are the prevalent technologies and equipment in the dredging sector?
- ❖ What are the emerging trends in technology and equipment?
- ❖ Which technologies are the most promising and relevant in the Indian scenario?

EVOLVING DREDGING AND RECLAMATION TECHNIQUES

- ❖ What are the various dredging and reclamation techniques currently being used?
- ❖ What are the key issues and challenges?
- ❖ What are the recent global advances and developments? Which techniques are the most promising and relevant in the Indian scenario?

SITE SURVEY AND INVESTIGATION TECHNIQUES

- ❖ What are the survey and investigation requirements for dredging projects?
- ❖ Which techniques are being primarily used in India for conducting these investigations?
- ❖ What are the key challenges? How can they be addressed?
- ❖ What are the global advancements? Which techniques are the most promising and relevant in the Indian scenario?

FOCUS ON INDIGENISATION OF DREDGER BUILDING AND REPAIR

- ❖ What has been the experience so far in the manufacturing of dredgers and repair in India?
- ❖ What has been the experience in the procurement of spare parts so far?
- ❖ What steps are being taken to promote indigenous dredger manufacturing?
- ❖ What opportunities can be expected from the Make in India initiative?
- ❖ What are the key issues and challenges?

MANAGEMENT OF DREDGED MATERIAL

- ❖ What are the alternate uses of the dredged material?
- ❖ What are the key practices for handling dredged material?
- ❖ What are the global best practices?
- ❖ What are the new and upcoming technologies to reduce the environmental impact of dredging?

DESIGN AND ENGINEERING TECHNIQUES

- ❖ What are the best practices followed in the design of dredgers worldwide?
- ❖ What are the emerging global trends in design and engineering?
- ❖ Which designs are the most promising and relevant in the Indian scenario?

DREDGING FOR THE OFFSHORE OIL AND GAS INDUSTRY

- ❖ What has been the experience in undertaking dredging for the offshore oil and gas industry?
- ❖ What are the upcoming dredging opportunities?
- ❖ What are the key issues and challenges?

DREDGING FOR THE CLEAN ENERGY SECTOR (HYDROPOWER, WIND POWER, ETC.)

- ❖ What has been the experience in undertaking dredging for the clean energy sector?
- ❖ What are the upcoming dredging opportunities?
- ❖ What are the key issues and challenges?

DREDGING IN IRRIGATION CANALS

- ❖ What has been the experience in undertaking dredging for irrigation canals?
- ❖ What are the upcoming dredging opportunities?
- ❖ What are the key issues and challenges?

DREDGING IN DAMS

- ❖ What has been the experience in undertaking dredging in dams?
- ❖ What are the upcoming dredging opportunities?
- ❖ What are the key issues and challenges?

DREDGING IN INDIA

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Three delegates	55,000	9,900	64,900	1,082
Four delegates	70,000	12,600	82,600	1,377

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