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3. STATE-WISE ANALYSIS ............................................................... - Andhra Pradesh, Gujarat, Haryana, Karnataka, Maharashtra, Madhya Pradesh, Punjab, Rajasthan, Uttar Pradesh, Tamil Nadu, Telangana (This will include key state profiles covering factors such as capacity addition trends, policy targets, RPO compliance, recent tender results, upcoming capacities, 5-year project performance analysis, state-specific concerns and outlook)

4. TENDER PIPELINE AND ANALYSIS ............................................. - By SECI, NTPC, State-level Agencies, PSUs, Others (This will include tenders for utility-scale, rooftop, solar-wind hybrids, floating solar, storage-based, and EV+ solar projects)

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SECTION IV: OUTLOOK AND PROJECTIONS (Till 2030)


The report will be available in a PDF format
# Small-scale LNG Market 2020

## EXECUTIVE SUMMARY

### SECTION I: MARKET INSIGHTS, DEVELOPMENTS, FUTURE OUTLOOK AND OPPORTUNITIES

1. **SMALL-SCALE LNG MARKET OVERVIEW**
   - Growth Drivers; SSLNG Value Chain; Existing Facilities; Notable Trends; Demand from Key Gas Consumers Segments (CGD, off-grid power; and industrial consumers); Mode of Supply (Truck, Rail, Ship); Major Players/Industry Structure and Stakeholders; Recent Developments; Investment Outlook; Issues and Challenges

2. **REGULATORY LANDSCAPE FOR SSLNG**
   - Current Regulatory Regime; Key Regulatory Authorities (PESO, PNGRB, OISD, etc.); Technical and Safety Standards; Issues and Challenges; Regulatory Outlook

3. **FUTURE POTENTIAL AND MARKET OPPORTUNITIES**
   - Key Upcoming Facilities; Demand Outlook; Investment Outlook; Regulatory Outlook; Market Opportunities

4. **COST ECONOMICS & VIABILITY**
   - Commercial Viability and Business Models; Capex Requirements; Opex Requirements; Cost Competitiveness vis-à-vis Other Fuels; Cost Competitiveness vis-à-vis Pipeline Transportation

5. **POTENTIAL DEMAND FROM KEY GAS CONSUMERS**
   - Growth in Gas Demand in the Past Five Years; Sourcing Options; Demand-Supply Gap; Pipeline Connectivity; Gas Costs and Tariffs; Potential Demand for SSLNG; Upcoming Plans and Projects; Issues and Challenges

6. **GLOBAL EXPERIENCE & CASE STUDIES**
   - Global SSLNG Market Size & Growth; Trends and Advancements; Select Case Studies (Infrastructure & Capacity, Key Consumers, Mode of Supply, Pricing, etc.); Key Lessons and Takeaways

### SECTION II: LNG MARKET TRENDS, SUPPLY OUTLOOK & INFRASTRUCTURE

7. **LNG MARKET TRENDS AND OUTLOOK**
   - Gas Demand Supply Scenario; LNG Import Trends; Sourcing Options; Long-term Contracts; Supply Outlook; Projected LNG Demand

8. **PRICING TRENDS AND FORECASTS**
   - Global LNG Pricing Trends; Spot LNG Price Analysis; Long-term Contract Pricing; LNG Price Forecasts

9. **EXISTING LNG TERMINALS**
   - Existing Capacity; Utilisation Levels; Pipeline Connectivity; Key Players; Future Expansion Plans

10. **PLANNED LNG TERMINALS AND CAPACITIES**
    - Under Construction LNG Terminals, FSRUs and Storage Tanks (Mundra LNG Terminal, Jaigarh LNG Terminal, Chhara LNG Terminal, Dhamra LNG Terminal, Jafribad LNG Terminal); Proposed/Announced LNG Terminals, FSRUs and Storage Tanks (Kakinada LNG Terminal, Krishnapatnam LNG Terminal, Karaikal LNG Terminal, Kukrahati LNG Terminal, Haldia Dock Complex LNG Terminal)

Each terminal’s profile will cover project scope, capacity, investment, pipeline connectivity, developer, current status, expected completion timelines, etc.

### SECTION III: STORAGE, TRANSPORTATION & DISTRIBUTION OF SSLNG

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   - Solar Power Potential
   - Growth of Solar Power Capacity
   - Key Growth Drivers
   - Evolving Policy and Regulatory Scenario
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The report is available in a PDF format.
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17. PRIVATE UTILITY PROFILES

The report is available in a PDF format.
**Power Distribution in India 2020**  
(Febraury 2020)  
(Draft ToC)  

Price: Rs. 90,000 (USD 2,124)

Sector Growth Discom performance, Emerging Trends and Future Outlook

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- Area of Operations; Line Length (voltage-wise break up); Number of Transformers; Transformer Capacity (voltage-wise break up); Substations; Total Number of Customers; Energy Sales (HT and LT); AT&C & Losses; Billing and Collection Efficiency; Revenue Gap; Financial Performance; Metering Status; System Reliability Indices (SAIFI, SAIDI); Planned Network Additions; Tariffs; Power Purchase Costs; Key Financials; O&M Costs; Capex Trends; Contact Details

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The report will be available in a PDF format
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# Electricity Tariff Trends in India (December 2019)

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- Petrochemicals and Refineries
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The report is available in a PDF format.
# Executive Summary

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### 20. Private Sector Players
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The report is available in a PDF format.
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    - Fourth Partner Energy
    - CleanMax Solar
    - Amplus Solar
    - Cleantech Solar
    - SunSource Energy
    - ReNew Power
    - Tata Power Solar

The report is available in a PDF format.
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1. **MARKET OVERVIEW, KEY TRENDS AND RECENT DEVELOPMENTS**
   - There is a rising popularity among developers, especially renewable energy players, to go for third-party direct sale agreements. States of Karnataka, Tamil Nadu, Andhra Pradesh and Telangana in the southern region of India and Rajasthan, Punjab and Haryana in the northern region of the country are fast catching up with open access transactions. But there are significant challenges in the growth of this segment, especially those pertaining to discoms’ resistance to let go of their high-end consumers.
   - Size and Growth of Open Access-based Power Projects
   - Renewable Energy-based Open Access Projects: Year-wise Trends, Source-wise Share
   - Participation of Open Access Consumers in the REC Market: Volume Trends, Price Trends
   - Leading States
   - Key Growth Drivers
   - Tariff Trends in Open Access through Solar and Wind
   - Key Issues and Challenges

2. **IMPACT OF AMENDMENTS IN ELECTRICITY ACT, 2003**
   - Amendments Pertaining to Open Access for Renewables
   - Likely Impact on Growth of Open Access-based PPAs
   - Unaddressed Issues
   - Industry Experts’ Opinions and Recommendations

3. **EXISTING OPEN ACCESS POLICY AND REGULATORY SCENARIO**
   - The policy and regulatory framework in this space is currently highly dispersed and varied across states, and is not even stable over the years. There is always a risk of open access charges changing year on year, making it a risky proposition to invest in.
   - Overview of Open Access Charges and Losses: For Solar Projects, For Wind Projects
   - Model Regulations for Intra-state Open Access and Group Captive
   - State-wise Orders of Open Access/Group Captive
   - State-wise Implementation Status Overview
   - State-wise Power Demand and Supply Overview
   - RPO Trajectory for Open Access Consumers
   - Key Issues and Challenges

4. **INDUSTRY STRUCTURE AND BUSINESS MODELS**
   - The industry structure in the renewable open access segment has been emerging gradually with more number of players entering into this space. Project developers and investors are currently cautious of investing significantly in this segment, but the trend is now changing.
   - Power sale options: Bilateral, Collective, REC
   - Industry Structure
   - Key Players and Capacities: Solar Segment, Wind Segment
   - Risks and Concerns

5. **TERMS OF THIRD-PARTY POWER SALE CONTRACTS**
   - It is important for both the buyers and sellers to clarify and list out their expectations and accordingly draw up the commercial power sale contract as per the applicable regulatory framework in the respective state.
   - Time Period
   - Extension Provision
   - Tariff and Escalations

6. **ROLE OF ENERGY BANKING, F&S AND DEVIATION SETTLEMENT MECHANISM**
   - Energy banking will play a key role in the success of solar and wind power-based open access projects. Banking is presently allowed by SERCs upon the levy of a banking charge, which differs in magnitude across states.
   - Rules around energy banking are specified in different types of documents in various states. Additionally, various attributes of the energy banking framework also differ across states.
   - State-wise Energy Banking Mechanism for Open Access Projects: Banking Charge, Banking Period, Buy-back Rate, Restrictions on Time of Injection, Withdrawal of the Banked Energy, Other Attributes (seasonality constraints, buy-back rates, accounting for RPO, etc.)
   - State-wise Emerging Energy Banking Framework
   - State-wise Forecasting and Scheduling
   - Deviation Settlement Charges

7. **STATE PROFILES**
   - This chapter will include profiles of Andhra Pradesh, Karnataka, Tamil Nadu, Maharashtra, Gujrat, Rajasthan, Madhya Pradesh, Telangana, Uttar Pradesh, Chhattisgarh, Haryana, Delhi, Punjab, etc.
   - Key Players and Capacities: Overall Solar, Solar Open Access, Overall Wind, Wind Open Access
   - Landed Cost and Return Analysis
   - Process and Approvals for Open Access Projects
   - Key Industrial and Corporate Clusters: Existing, Upcoming

8. **PROJECTED OPEN ACCESS MARKET**
   - Over 2 GW of green power is being sold to big corporates through direct agreements and the trend is northbound as more and more corporates and industries are joining in the race. The business case for renewable energy based open access is getting stronger with the decreasing cost of green power and increasing cost of thermal power.
   - Short-term (2019-23) and Long-term (2024-28) Projections
   - Renewable-based Open Access Capacity Projections
   - Open Access Projected Tariff and Pricing Trends
   - IRR Projections
   - Future Growth Drivers
   - Expected Market Restraints

EXPERT OPINION
- The report will feature 5-8 interviews of senior representatives at regulatory commissions, large open access consumers and key open access project developers, and experienced industry consultants

The report is available in a PDF format.
EXECUTIVE SUMMARY
With the growing demand for power in urban areas and industries, underground cable systems are becoming an increasingly indispensable part of power transmission and distribution systems. With improved technologies and increased reliability, the cost differential between underground cables and overhead power lines is narrowing and utilities are acknowledging the benefits associated with underground cabling. This report will attempt to take a look at the key trends in the deployment of underground cables so far; analyse the plans and proposal of T&D utilities; examine new and evolving technology improvements and solutions being offered by the industry; as well as assess the key issues and challenges.

1. T&D INDUSTRY OVERVIEW
The T&D industry has been growing steadily with investments being made in system strengthening and capacity additions. This chapter gives an overview of the T&D industry and will focus on:
- Growth and Size of Existing T&D Networks
- Recent T&D Network Additions
- PROJECTED T&D NETWORK ADDITIONS
- PROJECTED CABLES (TILL 2022-23)
- Future Outlook
- Issues and Challenges

2. MARKET SIZE AND GROWTH FOR UNDERGROUND CABLES
Most of India’s T&D network continues to be strung overhead across the country; however, concerns about reliability and quality of supply are making utilities gradually replace their networks with underground lines. This chapter gives an overview on the new and emerging utility requirements in the underground cabling segment and will cover the following:
- Experience so far in T&D Networks
- Emerging Utility Requirements
  - Transmission
  - Distribution
- Major Projects Commissioned
  - Transmission
  - Distribution
- Major Projects Awarded/Under Construction
  - Transmission
  - Distribution
- Key Recent Tenders
- Issues and Challenges

3. RECENT TRENDS AND ADVANCES
Well-designed and well-installed underground cable systems are expected to have a service life of 30-40 years. Utility providers, transmission companies and cable manufacturers are hence, looking for new technologies and solutions to respond to new grid challenges. This chapter looks at the new and promising technologies, designs and solutions for underground cable networks.
- Design, Laying and Construction Processes
- Product and Technology Trends
- Market Trends and Developments (JVs/Acquisitions/Partnership Deals)
- Pricing and Cost Trends

4. OPPORTUNITIES UNDER KEY CENTRAL/STATE GOVERNMENT PROGRAMMES
Underground cables are an important part of several central government initiatives for improving T&D networks under IPDS. This chapter provides the details of plans and targets of works proposed to be taken up under various schemes.
- Snapshot of Key Government Programmes (IPDS, Green Energy Corridors, State Government Initiatives, etc.)
- Physical Targets for UG Cabling Works
- Funding Availability for UG Cabling Projects
- Issues and Concerns

5. OPPORTUNITIES UNDER SMART CITIES MISSION
The Smart Cities Mission offers significant opportunities for underground cabling in key cities. Some cities such as Indore, Belagavi, Dharamshala, Lucknow, Kanpur and Tirupati are implementing projects for setting up underground cabling network for utilities such as electric wires, water pipelines, stormwater drains, sewers and telecommunication cables. This chapter provides the details of plans and targets of works proposed to be taken up under various schemes.
- Snapshot of the Mission
- Physical Targets for UG Cabling Works
- Projects Completed so far in Key Cities
- Projects Under Construction/ Awarded
- Proposed Projects
- Issues and concerns

6. OUTLOOK AND PROJECTIONS (TILL 2022)
This chapter will give a snapshot of the investments and physical targets proposed for underground cabling networks by transcos and discoms. The information presented in this chapter is based on both primary and secondary information collected from transcos and discoms.
- Growth Drivers for UG Cabling
- Expected Demand for UG Cables
- Plans and Targets of Utilities by Segment
  - Transmission
  - Distribution
- Budgeted Capital Expenditures on UG Cabling
- Future Outlook

7. LEADING PLAYERS
This chapter primarily focuses on the profiles of key vendors and technology providers for underground cabling. Each profile covers the following information:
- Brief Company Overview
- Key Product Offerings
- Existing Manufacturing Capacity
- Financial Performance
- Future Plans

The report is available in a PDF format.
ENERGY

Future of Solar O&M in India (September 2018)  No. of slides: 149  Price: Rs 60,000 (USD 1,416)
Changing Landscape, Growing Role of Digitisation and New Opportunities

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1. EXECUTIVE SUMMARY  ................................................................. Solar plants are built to last 20-25 years. After the engineering procurement and construction period is completed, developers need to ensure that the operations and maintenance (O&M) activities are seamless for sustained energy generation over the project lifetime. The report will highlight the emerging opportunities in this space and the growing role of new technologies like automation and artificial intelligence.

2. MARKET OVERVIEW  ................................................................. In the initial years of solar power development in India, O&M was often coupled with EPC and performed by the same vendors, but of late, solar O&M has emerged as a separate market with its own landscape, trends and dynamics. This chapter will cover the following areas:
- Current size of the solar O&M market
- Market size by segment
  - Utility-scale, Rooftop, Canal-top & floating solar
- Key growth trends and drivers
- O&M Evolution - Reactive to Predictive Analysis
- Applications in solar O&M, Cost and time savings
- Emerging Role of Energy Storage
- Key issues and concerns

3. COST TRENDS  .............................................................................. The cost of O&M services has been declining over the past few years and the downward trend is expected to continue. The cost composition itself is changing due to greater automation and use of advanced tools. This chapter will cover the following areas:
- Solar O&M cost trajectory (2012-18)
- Cost breakup analysis
  - Vehicles and logistics, Equipment and tools, Overheads, Personnel/Manpower, Digital, Others
- Cost projections (2019-24)
  - Business model evolution, Key cost considerations, Impact of scale, Impact of energy storage, Future cost estimates

4. EMERGING O&M BUSINESS MODELS  ........................................... Globally, there has been a rise of third party solar O&M service providers. As more sophisticated and structured approach emerges in the solar O&M market, third party providers are able to deliver more value to solar investors and owners. This chapter will cover the following areas:
- Capex-based
- Profit-sharing
- Fixed cost
- O&M extensions
- Others

5. TERMS OF O&M CONTRACTS  ...................................................... It is important for both developers and O&M service providers to clarify and list out their expectations and accordingly draw up a long-term contract. An effective contract will result in higher plant efficiencies. This chapter will cover the following areas:
- Time periods
- Product warranties
- Performance guarantees/SLAs
- Penalties
- Ownership
- Legal terms

6. GRID MANAGEMENT BY O&M PLAYERS  ....................................... As the government becomes stricter in its implementation of forecasting, scheduling and deviation settlement mechanism regulations, grid management will become a key component of O&M players. Integration of energy storage on to existing plants will lead to a greater O&M play. This chapter will cover the following areas:
- Forecasting and scheduling
- Deviation settlement management
- Integration of energy storage into existing plants
- Cost implications
- Experience so far

7. O&M COMPANY PROFILES  ............................................................ A large number of O&M focused players are coming up, some as hive-offs from existing EPC companies and others as independent specialists. This chapter will have 5-8 profiles of key O&M players in India covering the following:
- Project portfolio
- Service offerings
- Technology tie-ups
- On-ground experience
- In-pipeline capacity
- Etc.

8. DIGITALISATION AND AUTOMATION AT PLANT LEVEL  ..................... Digitalisation and automation will play a key role in providing efficient O&M services, thereby changing the current O&M cost composition, which is currently dominated by manpower expenses. New technologies are being adopted for improving asset lifecycle management, predictive maintenance, remote sensing and control, cloud computing, and use of drones for visual imaging. A number of companies have also already started using robotics for cleaning modules. This chapter will cover the following areas:
- Emerging role, applications and use case for the following
  - Manpower and material management, Automated monitoring and big data analytics, Robotics, drones and wearables
- Growing role of artificial intelligence
  - Machine learning applications, AI field assistants and predictive analytics, Existing use cases
- Key technology providers
- Industry Perspective
  (Views of key personnel from the solar O&M industry and technology providers on the growing role of AI, robotics and data analytics)

9. KEY CHALLENGES, BEST PRACTICES AND CASE STUDIES  .............. The lack of attention given to O&M practices is one of the primary challenges that the segment is facing. If the plant is not maintained properly, developers can lose up to 15 per cent of the returns. This chapter will cover the following areas:
- O&M challenges matrix
- Best practices ( Globally and in India)
- Case studies (This will cover successes and failures of various technologies, business models and strategies adopted by O&M players)

10. PROJECTED O&M MARKET SIZE (FROM 2019-20 TO 2024-25) ........ The total addressable market for solar PV O&M is expected to reach 30 GW in 2018-19. It is likely to more than triple by 2022 to exceed 100 GW. In fact, going forward, as the installed base gets larger, O&M revenue may even exceed the development and construction revenue. This chapter will cover the following areas:
- Impact factors
- Emerging O&M industry structure
- Short-term projections
- Medium-term projections
- Long-term projections

The report is available in a PDF format.
# Waste to Energy 2018

## Segment Analysis, Trends and Outlook

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*The report is available in a PDF format.*
# Competitive Bidding for Wind Projects

## Key Trends, Risks, Alternatives and Outlook

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This section has 30 chapters pertaining to the renewable energy scenario and outlook for 30 African countries. These include Algeria, Angola, Botswana, Cameroon, Democratic Republic of the Congo, Egypt, Ethiopia, Ghana, Guinea, Kenya, Libya, Madagascar, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Senegal, Seychelles, Sierra Leone, South Africa, Sudan, Tanzania, Togo, Tunisia, Uganda, Zambia and Zimbabwe.

Each country profile provides information on:
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   - Power Demand and Supply Scenario
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The report is available in a PDF format.
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- Muzaffarpur (Essel Vidyut Vitaran (Muzaffarpur) Limited)
- Bhagalpur (SPML Infra Limited)
- Gaya (India Power Corporation Limited)
- Kendraparap Division I & II, Jagatsinghpur, Dhenkanal, Talcher and Angul (Enzen Global Solutions Private Limited)
- Khurda, Balugaon, Puri and Nayagarh (Feedback Electricity Distribution Company Limited)
- City Electrical Division (Cuttack), Athagarh and Salipur (Riverside Utilities Private Limited)
- Nimapara (Seaside Utilities Private Limited)
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The report is available in a PDF format.
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The report will be available in a PDF format.
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The report is available in a PDF format.
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Each profile covers the project scope (network length, alignment details, number of stations, rolling stock, fare system, signaling and telecommunications, traction, etc.), ownership details, implementing agency, cost estimates, key consultants, key contractors, key milestones, funding pattern, actual/expected ridership, recent contracts, upcoming tenders, and the detailed current status.

The report is available in a PDF format.
# Railways in India 2020

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   - Key trends (2014-15 to 2018-19); Passenger Traffic Trends; Passenger Earning Trends; Monthly Traffic and Earning Trends in 2019-20; Suburban and Non-Suburban Traffic and Earnings Analysis; Class-wise Traffic and Earnings Analysis; Initiatives for Improving Passenger Amenities; Passenger Traffic Projections; Segment Outlook

    - Traffic Trends; Earning Trends; Key Efficiency Indicators; Network Expansion Plans (2019-20); Key Ongoing Projects; Upcoming Contracts and Tenders; Investment Requirements

### SECTION III: FOCUS ON MEGA PROJECTS: TARGETS, ACHIEVEMENTS AND NEW OPPORTUNITIES

11. Dedicated Freight Corridor
    - Corridor Roads; Progress So Far; Project Funding; Trend in Expenditure; Targets and Timelines; Upcoming Corridors and Opportunities; Opportunity for the Industry; Upcoming Contracts and Tenders; Future Investment Requirements

12. High Speed Rail
    - HSR Corridors; Progress So Far; Key Initiatives under Mission; Identified Semi-HSR Corridors; Recent Developments; Key Issues and Challenges; Implementation Options; Investment Requirements; Upcoming Opportunities; Expected Timelines

13. Station Infrastructure Development
    - Current Infrastructure; Key Focus Points of Station Redevelopment; Current Models of Station Redevelopment; Overall Key Milestones; Progress under Key Schemes/Programmes; Other Schemes and Recent Developments; Key Issues and Challenges; Expected Revenue Generation; Upcoming Opportunities; Expected Timelines

14. Regional Rapid Transit Systems
    - Key RRTS Projects; Progress So Far; Key Milestones; New Announcements and Recent Developments; Key Issues and Challenges; Investment Requirements; Upcoming Contracts and Tenders

15. New Suburban Rail Systems
    - Key Upcoming Projects and Recent Breakthroughs; Future Developments; Project Timing; Investment Requirements and Project Timelines; Upcoming Contracts and Tenders

### SECTION IV: SEGMENT ANALYSIS: ROLLING STOCK

16. IR's Fleet Size and Future Production Plans
    - Trends in Production of Coaches; Growth in the Past Five Years; Net Holding of Diesel and Electric Locomotives; Net Addition of Wagons; Production Target and Achievements (2014-15 to 2018-19); Future Production Targets; Zone-wise Planned Expenditure on Rolling Stock

17. Production Capacity and Expansion Plans
    - Existing Production Capacity; Production of LHB Coaches; New Coaches and Trains; New Components and Innovations in Design; Initiatives under Make in India; Upcoming Production Units

### SECTION V: SEGMENT ANALYSIS: CONSTRUCTION

18. Tracks: Current Network and Expansion Plans
    - Size and Growth; Network Expansion Targets versus Achievements; Track Electrification; Track Renewal and Repair; Recently Completed Projects; Recently Awarded Contracts; Key Ongoing Projects; Upcoming Tenders and Contracts; Network Expansion Plans

19. Bridges
    - Growth in Number of Rail Bridges; RDBs/RUBs Sanctioned; RDBs/RUBs under Setu Bharatam; Technology and Design Trends; Key Bridge Projects; Key Ongoing Projects; Key Upcoming Projects; Segment Outlook

20. Rail Tunnels
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### SECTION VI: NEW FOCUS AREAS: KEY INITIATIVES AND FUTURE PLANS

21. Safety
    - Current Safety Scenario; Expenditure Analysis; Sanraksha Kosh; Key Budget Announcements; Government Initiatives; Issues and Challenges; Future Plans and Investments

    - Electrically Consumption and Expenditure; IR's Targets Under Mission; 41K; Mission Electrification; Initiatives to Reduce Tract and Non-Traction Consumption; Transmission Network; New Captive Power Plants; Current Renewable Capacity; Solar and Wind; Key Ongoing Projects; Upcoming Tenders and Contractors; Other Key Initiatives and Developments; Issues and Challenges; Upcoming Opportunities

23. Signalling and Telecommunication Systems
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### SECTION VII: PROFILE OF RAILWAY PSUs

24. Key Railway PSUs
    - Braithwaite & Company Limited; Container Corporation of India Limited; Dedicated Freight Corridor Corporation of India Limited; High Speed Rail Corporation of India Limited; Indian Rail Port Corporation Limited; Indian Railway Catering and Tourism Corporation Limited; Indian Railways Finance Corporation Limited; Itron International Limited; Konkan Railway Corporation Limited; Mumbai Rail Vikas Corporation Limited; National High Speed Rail Corporation Limited; Pipavav Railway Corporation Limited; Rail India Technical and Economic Services Limited; Rail Land Development Authority; RailTel Corporation of India Limited; Rail Vikas Nigam Limited

The dataset covers the following:

- Master sheet of Key Upcoming Projects; Zone-wise Expenditure in 2019-20; Tracks; Signalling and Telecommunication; Tractor Distribution Works; Electrification; Dedicated Freight Corridors (DFOs); High Speed Rail (HSR) Projects; Suburban Rail Projects; Rapid Regional Projects; Station Redevelopment Projects; Rail Tunnel Projects; Key PPP Projects

Each profile will cover traffic, capacity, usage, existing facilities, planned capacity addition and upcoming projects.

The report is available in a PDF format.
EXECUTIVE SUMMARY

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   - Network Size and Growth, Traffic Trends, Policy and Institutional Framework, Targets and Achievements (Project Award and Completion), Key Sector Trends, Recent Developments, Investment Requirements, Issues and Challenges, Sector Outlook
   - Government Initiatives and Impact of Policy Changes

2. GOVERNMENT INITIATIVES AND IMPACT OF POLICY CHANGES
   - Key Policy Announcements and Their Impact; Steps to Fast-track Land Acquisition; Initiatives for Revival of Stalled Projects (Bank Guarantees, Dispute Resolution & Arbitration, etc.); Key Initiatives: Online Portals, Road Safety & Motor Vehicles (Amendment) Bill, 2019, Wayside Amenities and Highways Mission, Technology Initiatives, Others; State-level Policy Proposals; Proposed Policy Changes; Industry Concerns and Expectations

3. ASSET MONETISATION UNDER TOT
   - Toll-Operate-Transfer (TOT) Model: Key Features, The Experience So Far, Proposed Amendments in the Concession Agreement, Bidding Scenario, Upcoming Bundles under TOT, Opportunities for Long-term Investors (SWFs, Pension Funds, etc.), Plans at the State Level, Risks and Challenges

4. MARKET OPPORTUNITIES UNDER BHARATMALA PARIYOGANA
   - Key Components and Scope; Project Awards and Completion: Economic and National Corridors, Expressways, Border Routes, Coastal Roads and Port Connectivity Roads; Feeder Routes; Balance for Award under NHDP: Investment Requirements; Future Targets; Potential for PPPs and HAM under Bharatmala; Big-ticket EPC Opportunities

5. PROJECT PIPELINE
   - Overall Analysis: By Mode, State, Type, Stage of Implementation; Profiles of 50-70 Key Upcoming Projects: National Highways, Greenfield Expressways, State Roads and Highways; Bridges/Flyovers/Elevated Roads, Road Tunnels, Others

6. FUTURE OUTLOOK AND PROJECTIONS (till 2024-25)
   - Growth Drivers; Project Award and Completion Targets; Expected Mix of Implementation Models (HAM, EPC and BOT); Investment Projections; Policy and Investment Outlook; Opportunity by Stakeholder: Developers, EPC Contractors, Financiers, Equipment and Material Suppliers, O&M Players; Vision for the Next Five Years

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   - The Experience So Far, Trends in Financial Closures, Bidding Scenario and Competitive Intensity, Case Studies of Key Projects, Key Players and Their Portfolios, Project Award Targets and Achievements, Issues and Challenges, Outlook

8. BOT MODEL: REVIVAL STRATEGIES AND POTENTIAL
   - The Experience So Far, Key Successes and Failures, Key Strategies for Revival of BOT: Pre-qualified Bidders for the Upcoming Bids, New Targets, Project Pipeline and Upcoming Opportunities, Key Concerns and Industry Expectations, Future Outlook

9. EPC: EXPERIENCE AND OUTLOOK
   - The Experience So Far, Bidding Scenario and Competitive Intensity, Project Award and Completion, Project Pipeline and Upcoming Opportunities, Key Challenges, Future Outlook

10. OPERATIONS, MAINTENANCE AND TOLLING
    - Current Scenario; Industry Experience; Progress under ETC Implementation; Key Players; Opportunities under TOT and Asset Sales; Steps Towards Timely and Periodic Maintenance; Progress under Technology Deployment: Electronic Toll Collection & Payment

SECTION III: INVESTMENT EXPERIENCE AND POTENTIAL

11. FINANCING TRENDS
    - Key Funding Sources; Current Stance of Investors and Lenders; Corporate Debt Crisis; Recent Deals/Transactions: Financial Closures, NHAI’s Bond Issuances, Market Borrowings from SBI, LIC, NII, etc., IPOs, Others; Trends in Bank Credit Deployment; Growing Role of InvITs; Risks & Mitigation Strategies; Future Outlook

12. ASSET SALES AND ACQUISITIONS
    - Trends in Asset Acquisitions, Current Level of Stressed Assets, Measures/Initiatives for Resolution of Stressed Assets, Key Recent Private and Project Equity Deals, Credit Ratings of Key SPVs, Deal Analysis, Valuation Scenario, Analysis by Buyers and Role of Global Investors, Recently Launched Investment Platforms, Historical and Expected Returns, Future Outlook

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13. EQUIPMENT: MARKET TRENDS AND PROJECTIONS
    - Market Size (equipment-wise), Key Equipment Used, Industry Structure, Trends in Equipment Leasing and Rental Market, Pricing Trends, Recent Developments, Outlook and Opportunities, Demand Projections (till 2024-25)

14. MATERIALS: MARKET TRENDS AND PROJECTIONS
    - Market Size (Material-wise), Key Materials Used, Pricing Trends, Industry Structure, Key Players, Recent Developments, Focus on Green Roads and New Materials, Outlook and Opportunities, Market Projections (till 2024-25)

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15. PROGRESS IN THE NORTHEAST
    - NHIDCL’s Current Portfolio, Project Award and Completion Scenario, Targets and Achievements, Upcoming Opportunities, Key Issues and Challenges

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    - NHM’s Current Portfolio, Project Award and Completion Scenario, Targets and Achievements, Upcoming Opportunities, Key Issues and Challenges

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    - Each state profile will cover road network, recent developments and project portfolio (completed, under implementation and upcoming)

SECTION VI: KEYS TO SUCCESS

18. PROFILES OF KEY DEVELOPERS AND CONTRACTORS
    - Afcons Infrastructure Limited, Ashoka Buildcon Limited, Dilip Buildcon Limited, Gammon Infrastructure Projects Limited, GMR Infrastructure Limited, GR Infraprojects Limited, GR Infraprojects Limited, GMR Infrastructure Limited, etc.
    - Each profile will provide an overview of the project portfolio (completed and under construction), financial performance, recently secured contracts, future plans, strategies, etc.

The report is available in a PDF format.
## Ports in India 2020

**Executive Summary**

**Section I: Sector Analysis, Recent Developments, Future Outlook and Opportunities**

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### 2. Policy and Other Recent Developments
- Central-level Policy Development: Tariff Guidelines 2019 for BOT Operators 2015-18; relaxations under Merchant Shipping Act, 1958; guidelines for establishing FSUs at Major Ports, Ships building Financial Assistance, Policy Guidelines, Dissolution of DCI, Dissolution of Kamarajar Port Limited, Others: State-level Policy Developments (Gujarat’s revised port policy, etc.); Other Recent Developments: Modernisation and Mechanisation Initiatives, Ease of Doing Business Initiatives, Recent Financings, Key International Agreements/MoUs, Others

### 3. Port Traffic and Capacity Analysis
- By Coast, By Region, By Mode of Evacuation (By Rail, Road, Pipeline, Conveyor and Inland Waterways), By Type of Commodity

### 4. Sagaramala: Overview and Progress So Far
- Programme Mission; Key Components and Scope; Investment Requirement and Funding; Overall Progress So Far: Projects Completed, Capacity Created, Investment Mobilised; Progress under Four Components: Port Modernisation and New Port, Development, Port Connectivity, Port-led Industrialisation, Coastal Community Development, State-wise Progress, Port-wise Progress; Issues and Challenges

### 5. Project Pipeline at Major Ports under Sagaramala
- Project Pipeline Analysis at Existing Major Ports: Overall, By Port, By State, By Mode of Implementation, By Type, By Under construction, By Expected Completion Date; New and Ongoing Major Ports; Planned Capacity Addition; Planned Investments

### 6. Project Pipeline at Non-Major Ports
- Overall Pipeline; Pipeline Analysis Under Sagaramala: Overall, By Port, By State, By Type, By Stage, By Expected Completion Date; New and upcoming Non-Major Ports; Planned Capacity Addition; Planned Investments

### 7. Outlook and Key Projections (Till 2024-25)
- Growth Drivers, Policy and Regulatory Outlook, Investment Projections, Traffic Projections, Capacity Projections, Road Ahead for the Sector

### 8. Market Opportunities
- Opportunities Under Sagaramala for: Project Developers, Construction Contractors, Dredging Contractors, Financials and Investors, Technology Providers, Equipment Suppliers, Consultants, Etc.; Opportunities beyond Sagaramala: Top 50 Upcoming Projects

### 9. Investment and PPP Experience
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### 10. Cost and Tariffs Trends
- Analysis of Operating Costs, Existing Port Tariffs/Charges, Existing Tariff Guidelines for Major Ports, Tariffs across Projects, Recent Tariff Revisions, Industry Issues and Concerns, Recommendations to Lower Port Tariffs/Charges

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### 11. Port Connectivity
- Mode of Evacuation of Cargo - Overall Scenario; Mode of Evacuation of Cargo - Port-wise Analysis: Experience so Far: Rail-Port Connectivity Projects, Road-Port Connectivity Projects; Upcoming Projects and Investments: Rail-Port Connectivity, Road-Port Connectivity; Key Issues and Challenges; The Way Forward

### 12. Coastal Shipping
- Traffic Trends: By Port, By Commodity, By Coast, Government Schemes and Initiatives, Impact of Cabotage Relaxation, Industry Structure and Key Players, Recent Trends and Developments, Growth Drivers, Key Issues and Concerns, Traffic Projections (till 2024-25), Future Outlook and Opportunities

### 13. National Waterways
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### 14. Update on JAL Marg Vikas
- Project Scope; Investment Requirements and Funding; Progress So Far: Overall, Fairway Development, Multi-modal Developmentism Intermodal and Ro-ro Terminals, Rolling stock, Loan Disbursements; Targets and Timelines; Key Completed Projects; Ongoing Projects; Key Upcoming Projects; Future Opportunities

### 15. Other Focus Areas

## Section III: Key Commodities: Traffic, Capacity Trends and Outlook

### 16. Coal
- Traffic Trends: By Major and Non-major Ports, By Port, By Loaded and Unloaded, By Coast, By Coastal and Overseas Cargo, By Mode of Evacuation, Monthly Traffic Trends in 2019-20; Current Capacity and Utilisation; Ongoing and Upcoming Projects; Planned Capacity Addition; Planned Investments; Key Issues and Concerns; Traffic Projections (till 2024-25); Outlook and Opportunities

### 17. Iron Ore
- Traffic Trends: By Major and Non-major Ports, By Port, By Loaded and Unloaded, By Coast, By Coastal and Overseas Cargo, By Mode of Evacuation, Monthly Traffic Trends in 2019-20; Current Capacity and Utilisation; Ongoing and Upcoming Projects; Planned Capacity Addition; Planned Investments; Key Issues and Concerns; Traffic Projections (till 2024-25); Outlook and Opportunities

### 18. Petroleum, Oil and Lubricants (POL)
- Traffic Trends: By Major and Non-major Ports, By Port, By Loaded and Unloaded, By Coast, By Coastal and Overseas Cargo, By Mode of Evacuation, Monthly Traffic Trends in 2019-20; Current Capacity and Utilisation; Ongoing and Upcoming Projects; Planned Capacity Addition; Planned Investments; Key Issues and Concerns; Traffic Projections (till 2024-25); Outlook and Opportunities

### 19. Containers
- Traffic Trends: By Major and Non-major Ports, By Port, By Loaded and Unloaded, By Coast, By Coastal and Overseas Cargo, By Mode of Evacuation, Monthly Traffic Trends in 2019-20; Current Capacity and Utilisation; Container Freight Stations and Internal Container Depots, Impact of the Direct Port Delivery Scheme, Ongoing and Upcoming Projects; Planned Capacity Addition; Planned Investments; Key Issues and Concerns; Traffic Projections (till 2024-25); Outlook and Opportunities

### 20. Fertilisers
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### 21. Major Port Profiles
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Each profile will cover traffic, capacity, capacity utilisation, efficiency and financial performance trends for the past five years; existing berthing facilities; planned capacity addition and upcoming projects.

### 22. Key Non-Major Port Profiles
- Angre Port, Maharashtrian, Dahej Port, Gujarat, Dhamra Port, Odisha, Dighi Port, Maharashtra, Ganganagar Port, Andhra Pradesh, Gopalpur Port, Odisha, Hazira port, Gujarat, JSW Jajgarh Port, Maharashtra, Kakindu Seaports, Andhra Pradesh, Karikal Port, Puducherry, Kallupalli Port, Tamil Nadu, Krishnapatnam Port, Andhra Pradesh, Mundra Port, Gujarat, Port of Pipavav, Gujarat
Each profile will cover traffic, capacity, capacity utilisation, existing berthing facilities, planned capacity addition and upcoming projects.

The report is available in a PDF format.
EXECUTIVE SUMMARY

SECTION I: MARKET TRENDS, DEVELOPMENTS AND OUTLOOK

1. INDIAN CONTAINER MARKET OVERVIEW
   - Macroeconomic Scenario; Trade Scenario; Level of Containerisation; Recent Developments; Emerging Trends; Key Issues and Challenges; Outlook and Projections (2019-20 to 2023-24)

2. INTER-MODAL ANALYSIS: ROADS, RAILWAYS, COASTAL SHIPPING AND INLAND WATERWAYS
   - Current Share; Comparative Cost Estimates; Overall Traffic Trends; Government’s Targets to Achieve an ‘Optimal Modal Mix’

3. CONTAINER TRAFFIC AND CAPACITY ANALYSIS
   - By Mode of Container Movement; Region; Origin and Destination; Type of Containerised Commodity

4. EXPECTED IMPACT OF DEDICATED FREIGHT CORRIDOR
   - Scope and Key Features; Current Status; Expected Timelines; Introduction of Double Stack Containers; Impact and Benefits
   - Overall Impact on Container Movements; Other Upcoming ODCs

5. MARKET OPPORTUNITIES, OUTLOOK AND PROJECTIONS (2019-20 to 2023-24)
   - Demand Drivers; Policy and Regulatory Outline; Cost of Container Movement Projections; Traffic Projections by Mode of Transportation (road, rail, coastal shipping and inland waterways); Capacity/Network Addition Projections; Projected Freight Rates; Key Upcoming Projects; Big-ticket Opportunities: 2019-20 and Beyond

6. COSTS AND TARIFF TRENDS
   - Analysis of Operating Costs; Pricing Trends: Road Freight Rates; Handling Charges at Ports; Haulage Charges; Storage Charges; Key Projections

7. INVESTMENT SCENARIO
   - The Experience So Far; Recent Deals and Transactions (Private Equity, M&As and IPOs); Key Successful Exits; Historical Rates of Return; Upcoming Opportunities for Investors; Expected Returns; Investment Outlook

8. KEY GOVERNMENT INITIATIVES AND POLICY CHANGES: IMPACT ANALYSIS
   - GST Regime; E-way Bill; National Logistics Policy & MMLP Policy; Cabotage Law Relaxation; Revised Tariff Guidelines for Private Terminal Operator; Freight Any Kind (FAK) Tariff Regime for Rail Containers; Relaxation of Coastal Movement of Exim Transshipment and Empty Containers; Direct Port Delivery Scheme; DMRDC Logistics Data Services; Others
   
This chapter will analyse the impact of these initiatives and policy changes on container terminal operators, container train operators, road transporters, trucking industry, shipping companies, CFSs, IDCs, etc.

9. INFRASTRUCTURE DEVELOPMENT UNDER OTHER KEY PROGRAMMES
   - Sagarmala Programme; Bharatmala Programme; Jal Marg Vikas Project; Delhi Mumbai Industrial Corridor; Others
   
This chapter will cover the overview, key features, container infrastructure capacity, current status, and upcoming opportunities under each of these programmes/projects.

SECTION II: CONTAINER MOVEMENT: SEGMENT ANALYSIS, TRENDS & OPPORTUNITIES

10. PORTS
    - Traffic Trends: Major and Non-major Ports, Port-wise Analysis, Terminal-wise Analysis, East Coast versus West Coast, Loaded versus Unloaded, Transshipment Traffic, Domestic vs Exim Traffic; Container Handling Capacity; Trends in Global Container Shipping; Transshipment Scenario; Vessel Traffic; Average Vessel Size at Ports; Efficiency Trends; Upcoming Projects & Planned Capacity Addition; Key Initiatives to Improve Hinterland Connectivity; Key Issues and Challenges; Outlook and Projections

11. ROADS
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12. RAILWAYS
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13. COASTAL SHIPPING AND INLAND WATERWAYS
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SECTION III: OTHER LOGISTICS INFRASTRUCTURE FOR CONTAINER MOVEMENT

Each of the following chapters will include:
- Segment Size and Growth
- Existing Capacity
- Policy Framework
- Government Schemes and Initiatives
- Major Players
- Upcoming Projects and Opportunities
- Future Outlook

14. COLD STORAGE & REEFER CONTAINERS
15. CONTAINER FREIGHT STATIONS/INLAND CONTAINER DEPOTS
16. LOGISTICS PARKS & MMLPS
17. FREE TRADE WAREHOUSING ZONES

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18. KEY PORT CONTAINER TERMINALS
    - Adani CMA Mundra Terminal; Adani Hazira Container Terminal; Adani International Container Terminal; Adani Mundra Container Terminal; APM Terminals Mumbai; APM Terminals Pipavav; Bharat Mumbai Container Terminal; Bharat Kolkata Container Terminal; Chennai Container Terminal Limited; Chennai International Terminals Private Limited, etc.
    Each profile will cover information on throughput, current capacity & capacity utilisation, key facilities, draught levels, dwell time, equipment availability and planned expansion.

19. KEY CONTAINER TRAIN OPERATORS
    - Adani Logistics Limited; Arshiya Rail Infrastructure Limited; Container Corporation of India Limited; Central Warehousing Corporation; Distribution Logistics Infrastructure Private Limited; Gateway Rail Freight Limited; Hind Terminals Private Limited; IndiaLink; Illogistics; International Cargo Terminals and Rail Infrastructure Private Limited; Kribhco Infrastructure Limited; etc.
    Each profile will cover information on company operations, existing infrastructure, network covered, financial performance, future plans, etc.

20. KEY ROAD TRANSPORT OPERATORS
    - Transport Corporation of India Limited; Allcargo Logistics; Associated Road Carriers Limited; Coastal Roadways; Darc Logistics; DRC Logistics; East West Freight Carriers Private Limited; Gati KWE; Patel Roadways; Prakash Roadlines Private Limited; TVS Southern Roadways Limited; VRL Logistics Limited; Others
    Each profile will cover information on company operations, existing fleet, geographies covered, financial performance, future plans, etc.

The report is available in a PDF format.
# Dredging in India

(October 2018)

## Market Analysis, New Opportunities and Outlook

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   - Key Trends
   - Recent Developments
   - Major Players
   - Growth Drivers
   - Issues and Challenges
   - Future Outlook

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5. **Dredging Cost Economics**
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   - Factors Impacting Project Viability
   - Key Cost Components
   - Funding Sources
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6. **Key Government Programmes**
   This chapter will highlight the current status and upcoming opportunities under Sagarmala, Jal Marg Vikas and National Mission for Clean Ganga. Each programme covers the following information:
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   - Key Ongoing Projects
   - Announced/Planned Projects
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   - Contractual Issues
   - Inadequate Survey and Investigation
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12. **Profiles of Major Players**
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    - Project Portfolio (Completed and Ongoing Projects)
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    - Financial Performance
    - Future Plans

### Database of Dredging Projects

A comprehensive database of key dredging projects with information on quantity dredged, contractor, location, contract value, type of dredged deployed, etc. The database would include projects being undertaken at the major ports, non-major ports, national waterways, oil and gas fields, rivers, beaches, etc. It would also cover the ongoing and upcoming projects under the central government programmes.

The report is available in a PDF format.
EXECUTIVE SUMMARY

SECTION I: MARKET TRENDS, DEVELOPMENTS AND OUTLOOK

1. SECTOR OVERVIEW
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   - Impact of Infrastructure Status
   - Modal Transportation Mix
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   - Trends in Investment
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Each of the following chapters covers: Market Size and Growth, Recent Trends, Demand Drivers, Major Players, Future Outlook, Demand Projections

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17. 3PL, 4PL AND REVERSE LOGISTICS
18. FREIGHT FORWARDING
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22. EMERGING TECHNOLOGIES & SOLUTIONS
23. KEY END-USER INDUSTRIES

SECTION VI: DEMAND FROM USER INDUSTRIES

For each of the above industries includes Size and Growth, Trends and Developments, Logistics Needs and Requirements, Industry Outlook and Issues and Challenges.

The report is available in a PDF format.
Clean Bus Market in India: Hybrid, Electric, Gas-Based
Segment Overview, Outlook and Market Opportunities (May 2018)

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The report is available in a PDF format.

Price: Rs 50,000 (USD 1,180)
No. of Slides: 135
EXECUTIVE SUMMARY

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Each company profile will cover business portfolio, production, sales, financial performance, investment plans and upcoming projects.

The report will be available in a PDF format.
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(Each profile covers existing and planned manufacturing capacity, product portfolio, recent initiatives, financial performance, etc.)

The report will be available in a PDF format.
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The report will be available in a PDF format.
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The report will be available in a PDF format.
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A comprehensive excel-based database of ongoing and upcoming projects in the municipal and industrial water supply segments.

Each project will provide information on:
- Scope; Project Cost; Current Status; Segment (Municipal or Industrial); Mode of Implementation (PPP or EPC);
- Contractor/Developer; Equipment Supplier (wherever available);
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The report is available in a PDF format.
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    (Each state profile will give an overview of the housing scenario, role of key agencies and housing boards, state policy on affordable housing, new initiatives and incentives, and ongoing and upcoming housing schemes/projects.)

The report is available in a PDF format.
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The database will be a compilation of upcoming solid waste management projects (ongoing and planned) in the sector with details on scope, location, cost, capacity, funding sources, implementing agency, contractor (wherever available), current status, expected date of completion, etc.

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Each of the above chapters will include:
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The report will also provide a comprehensive Excel-based database of ongoing and upcoming projects across the water supply, sewerage, waste, energy, mobility, buildings, roads, safety and security, e-governance, parking, and healthcare segments.

Each project will provide information on:
- Scope, Project Cost, Type of Project (Area-based or Pan-City), Mode of Implementation, Implementing Agency, Contractor/Developer, Current Status, Expected Date of Completion, etc.

The report will be available in a PDF format
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(Each player profile will give an overview of the company's operations, focus areas, current production capacity, manufacturing facilities, key projects and tenders, financial performance, capex and expansion plans)

The report will be available in a PDF format
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# OPINION AND INSIGHTS
- Niraj Didwania, Head, Corporate Development and Investor Relations, Healthcare Global Enterprises
- Nitin Nag, Regional Director (South), Cloudnine Group of Hospitals
- Dr. Nitin Gandhi, Senior Manager, Business Advisory Services, EY
- Dr. Kiran Chadha, Senior Vice President - GRL Operations and Medical Affairs, Metropolis Healthcare
- Dr. Manjiri Bakre, CEO and Founder, OncoStem Diagnostics
- Nitin Sisodia, Founder and CEO, Sohum Innovation Lab
- Arun Agarwal, Founder, Janitri Innovations

The report is available in a PDF format.
Investment and Market Opportunities in African Infrastructure

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Each of the sectors covers:
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18. KEY PLAYERS/CONTRACTORS

Each player profile gives information on the company overview, project portfolio (completed and ongoing projects), financial performance, future plans, etc.

The report is available in a PDF format.
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Each country profile covers the economic scenario, sector-wise global competitiveness rankings, current state of infrastructure, sector-wise size and growth, snapshot of project pipeline and trends in budgetary allocations.

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Each profile gives an overview of the company’s operations, key contracts, recent collaborations, joint ventures, and future plans and strategies.

The report is available in a PDF format.
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<td>Investment and Market Opportunities in African Infrastructure (November 2018)</td>
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## ORDER FORM

### Newsletters

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<td>Ports &amp; Shipping News</td>
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<td>Power News</td>
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<tr>
<td>Roads &amp; Bridges News</td>
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<td>Telecom News</td>
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<td>Aviation News</td>
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<tr>
<td>Urban Water &amp; Sanitation News</td>
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Please check ☒ the newsletters you would like to subscribe to.

* 18 per cent GST is applicable

### Annual Package

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<td>All 8</td>
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### Total (Reports + Newsletters)

*Please check ☒ the newsletters you would like to subscribe to.*

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I am enclosing Rs. _________________, vide cheque/demand draft no. ________________ drawn on ________________ dated ________________ in favour of “India Infrastructure Publishing Pvt. Ltd.”

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**Wire transfer details**

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**Contact Details**

India Infrastructure Publishing Pvt. Ltd.
B-17, Qutab Institutional Area,
New Delhi – 110016, India
Tel: 91-11-41034600, 41034601
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Email: atika.wadhwa@indiainfrastructure.com