

Water in India 2022

Trends, Developments, Upcoming Opportunities and Future Projections

- ❖ Access to India Water Tracker Portal
- ❖ Research Report
- ❖ Data-set (Excel)
- ❖ 52 Weekly Newsletters
- ❖ 11 Monthly Updates

The Water in India 2022 report will help you to:

- ❖ Analyse the sector trends, progress and developments
- ❖ Track the pipeline of upcoming, under bidding and ongoing projects
- ❖ Learn about the sector's outlook and demand projections till 2026-27
- ❖ Identify the market opportunities for key stakeholders
- ❖ Gather insights across key segments – Municipal, Industrial, Desalination, Wastewater Treatment, Recycle & Reuse
- ❖ Support business planning and strategies

The water sector has seen significant activity in terms of both infrastructure creation and investment in the past few years. There has been increase in access to piped water supply networks in urban areas, the use of treated wastewater by industries has increased, advanced technologies are being used for better management of water infrastructure and new desalination capacity has come up in coastal areas. During the time period 2019-20 and 2024-25, a total capital investment of Rs 4 trillion has been planned for the water sector under the National Infrastructure Pipeline. The government has also been laying emphasis on capacity building and infrastructure through programmes such as AMRUT, Smart Cities, Namami Gange and Swachh Bharat. Going forward, investments in the sector will be directed towards providing 24x7 water supply, improving industrial water use efficiency, deploying cost-effective seawater desalination technologies and encouraging wastewater recycling and reuse. By 2030, the water demand from the municipal and industrial segments is expected to reach 1,500 cubic km. Thus, the water sector has a positive outlook and offers significant opportunities for various stakeholders including for EPC players, private developers, consultants, technology and equipment suppliers.

SECTION I: SECTOR ANALYSIS, OPPORTUNITIES AND OUTLOOK

1. Water Sector Overview

- ❖ Size and Growth
 - Municipal
 - Industrial
- ❖ Emerging Trends
- ❖ Policy & Regulatory Developments
- ❖ City-Level Initiatives
- ❖ Technology Trends & Advancements
- ❖ Trends in Water Supply Sources
 - Surface & Groundwater
 - Treated Wastewater
 - Desalinated Water
- ❖ Issues and Challenges

2. Outlook and Key Projections (Till 2026-27)

- ❖ Network Addition Projections
 - Municipal
 - Industrial
 - Wastewater Treatment
 - Recycle & Reuse
 - Desalination
- ❖ Investment Projections
- ❖ Project Award and Completion Targets under Key Government Programmes
- ❖ Opportunities for Private Participation
- ❖ Material & Equipment Demand Projections
- ❖ Future Outlook

3. Project Pipeline Analysis

- ❖ Assessment of Project Pipeline:
 - Short Term (By 2022-23)
 - Medium Term (By 2025-26)
 - Long Term (2026 and Beyond)

- ❖ Analysis by Segment
 - Municipal
 - Industrial
 - Wastewater Treatment
 - Recycle & Reuse
 - Desalination
- ❖ Analysis by Stage of Development
 - Under Construction
 - Awarded
 - Announced
 - Proposed/Planned
- ❖ Analysis by State
- ❖ Top Upcoming Projects in Terms of Investment

The detailed project pipeline will be provided in the dataset with parameters like scope of work, capacity, cost, implementing agency, developer, contractor, current status, expected COD, etc.

4. Investment and Market Opportunities (Till 2026-27)

- ❖ Investment Opportunities Under:
 - National Infrastructure Pipeline
 - Key Government Programmes
 - AMRUT
 - Smart Cities Mission
 - Swachh Bharat Urban
 - Jal Jeevan Mission Urban
 - Namami Gange Mission
- ❖ Market Opportunities for:
 - Project Developers
 - EPC Contractors
 - Financiers/Investors
 - Equipment Providers
 - Pipe Manufacturers
 - Consultants/PMCs

SECTION II: MUNICIPAL SEGMENT: CURRENT STATE, OUTLOOK AND OPPORTUNITIES**5. Segment Size and Growth**

- ❖ Municipal Water Demand
- ❖ Consumption Pattern (in LPCD)
- ❖ Emerging Trends
- ❖ Policy and Regulatory Developments
- ❖ Tariff Structure
- ❖ Urban Water Supply Sources
- ❖ Consumption Pattern
- ❖ Investment Requirements
- ❖ Segment Outlook

6. Government Programmes: Progress and Opportunities

- ❖ Jal Jeevan Mission
- ❖ Atal Mission for Rejuvenation and Urban Transformation
- ❖ Smart Cities Mission
- ❖ Namami Gange Mission
- ❖ Swachh Bharat Mission

For each of the programmes we will cover programme mission & scope, investment requirements, financing sources, current status, key completed projects, upcoming tenders, key investment destinations, targets and timelines, etc.

7. 24x7 Water Supply: Experience, Challenges and Opportunities

- ❖ Experience So Far
- ❖ City-wise 24x7 Water Supply Projects
- ❖ Pilot Projects & Case Studies
- ❖ Key Completed & Ongoing Projects
- ❖ Key Planned & Announced Projects
- ❖ Major Players
- ❖ Upcoming Contracts & Tenders
- ❖ Segment Outlook

8. Network Operation & Maintenance

- ❖ Current Practices
- ❖ Emerging Trends
- ❖ Digitalisation in Network Management
- ❖ Case Studies & Best Practices
- ❖ Major Players
- ❖ Segment Outlook

9. NRW & Metering Practices

- ❖ City-wise NRW Levels
- ❖ Current Meter Deployment
- ❖ Best Practices & Key Initiatives
- ❖ Meter Demand Projections
- ❖ Future Plans

SECTION III: INDUSTRIAL SEGMENT: CURRENT STATE, OUTLOOK AND OPPORTUNITIES**10. Segment Size and Growth**

- ❖ Industrial Water Demand
- ❖ Key Consumers
- ❖ Emerging and Recent Trends
- ❖ Water Supply Sources
- ❖ Tariff Structure
- ❖ Regulatory Developments
- ❖ Investment Requirements
- ❖ Segment Outlook

11. Thermal Power Segment: Current Demand and Future Projections**12. Textile Industry: Current Demand and Future Projections****13. Paper & Pulp Industry: Current Demand and Future Projections****14. Steel Sector: Current Demand and Future Projections****15. Cement Sector: Current Demand and Future Projections****16. Oil Refineries: Current Demand and Future Projections****17. Tanneries: Current Demand and Future Projections**

Each of the chapters 11 to 17 will cover the following:

- ❖ Current Water Consumption
- ❖ Sources of Water Supply
- ❖ Effluent Generation and Treatment
- ❖ Net Water Consumption
- ❖ Key Water Management Initiatives
- ❖ Capacity Expansion Plans
- ❖ Projected Water Demand (till 2026-27)

SECTION IV: DESALINATION MARKET**18. Trends and Developments**

- ❖ Current Capacity
 - Municipal
 - Industrial
- ❖ Emerging Trends
- ❖ Key Completed Projects
- ❖ Key Ongoing Projects

- ❖ Cost Economics & Viability
- ❖ Major Players and Portfolios
- ❖ Treatment Technologies and Deployment
- ❖ Select Case Studies
- ❖ Outlook & Projections (till 2026-27)

19. Future Potential and Upcoming Capacity

- ❖ Growth Drivers
- ❖ Planned Capacity
 - Municipal
 - Industrial
- ❖ Investment Requirements
- ❖ Future Potential

SECTION V: WASTEWATER TREATMENT AND REUSE

20. Segment Size and Growth

- ❖ Current Size and Growth
 - Wastewater Treatment
 - Recycle & Reuse
- ❖ Notable Trends & Developments
- ❖ City-Level Initiatives & Best Practices
- ❖ Regulations, Standards and Norms
- ❖ New Advancements & Innovations
- ❖ Treatment Technologies and Deployment
- ❖ Major Players and Portfolios
- ❖ Select Case Studies
- ❖ Risks and Challenges
- ❖ Outlook & Projections (till 2026-27)

21. Upcoming Capacity and Future Plans

- ❖ Growth Drivers
- ❖ Upcoming Wastewater Treatment Capacity
 - Municipal
 - Industrial
- ❖ Future Plans & Initiatives for Recycle & Reuse
- ❖ Regulatory Outlook
- ❖ Top Upcoming Projects
- ❖ Investment Requirements

SECTION VI: DATABASE OF KEY PROJECTS

A comprehensive excel-based database of ongoing and upcoming projects in the municipal water supply, industrial water supply, desalination and wastewater treatment segments.

Each project provides information on:

- Project Name/Scope
- Project Cost
- State
- Project Award Date
- Current Status
- Detailed Status
- Segment (Municipal, Industrial, Desalination, Wastewater Treatment, Recycle & Reuse)
- Mode of Implementation (PPP or EPC)
- Implementing Agency
- Expected Capacity Addition
- Expected Completion Date

Monthly Updates

The 11 monthly updates will comprise 16-24 pages on:

- Update on key government programmes
- City-level water management initiatives
- Tariff Revisions
- Policy & Regulatory Developments
- Project Update: Municipal, Industrial, Wastewater treatment & reuse, Desalination
- Upcoming Tenders: Municipal, Industrial, Wastewater treatment & reuse, Desalination
- New Project Announcements
- Key Data and Statistics

Weekly Newsletters

The 52 weekly newsletters will comprise 4-6 pages.

They will cover new developments in the water sector relating to:

- Policy Announcements
- City-Level Initiatives
- Project Completions/Awards/Announcements
- Update on Key Programmes
- Upcoming Tenders & Contracts
- Etc.

I would like to purchase the “Water in India 2022” report:

Format (PDF)	By Nov. 26, 2021	By Dec. 17, 2021	Price of the Report
Site Licence (Single Location)	Rs 84,000	Rs 96,000	Rs 1,20,000
GST @ 18%	Rs 15,120	Rs 17,280	Rs 21,600
Total	<input type="checkbox"/> Rs 99,120	<input type="checkbox"/> Rs 1,13,280	<input type="checkbox"/> Rs 1,41,600
Enterprise Licence (Multiple Locations)	Rs 1,26,000	Rs 1,44,000	Rs 1,80,000
GST @ 18%	Rs 22,680	Rs 25,920	Rs 32,400
Total	<input type="checkbox"/> Rs 1,48,680	<input type="checkbox"/> Rs 1,69,920	<input type="checkbox"/> Rs 2,12,400

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

Signature

.....

Name (Block Letters) _____

Designation _____

Company _____

Company GST No. _____

Mailing Address _____

Telephone _____ Mobile _____

E-mail _____

Wire transfer details:

Beneficiary : India Infrastructure Publishing Pvt. Ltd.
Bank Name : The Hongkong and Shanghai Banking Corporation Ltd
Bank Address : R-47, Greater Kailash-1, New Delhi - 110048
Account No. : 094179587002
Swift Code : HSBCINBB
IFSC Code : HSBC0110006
GSTIN : 07AAACI5880R1ZV

Contact details:

Pritish Verma

Manager – Information Products
India Infrastructure Publishing Pvt. Ltd.
B-17, Qutab Institutional Area, New Delhi 110016, India
Mobile: +91 9910833878
Email: pritish.verma@indiainfrastructure.com