

Conference on

# SOLID WASTE MANAGEMENT IN INDIA

Key Challenges and Solutions

March 12-13, 2026 | Le Méridien, New Delhi

Focus on

## WASTE-TO-ENERGY IN INDIA

Projects, Policies and the Way Forward

*Organiser:* Indian Infrastructure

*AI Technology Partner:* CARGOFL — Your AI Supply Chain Tech Platform

*Co-sponsor so far:* ASTIC INDIA

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# SOLID WASTE MANAGEMENT IN INDIA

**MARCH 12-13, 2026 | LE MÉRIDIEN, NEW DELHI**

## MISSION

- India's solid waste generation capacity is expected to reach 435 million tonnes annually by 2050, a significant increase from roughly 60 million tonnes annually in 2021-22. Official statistics show that a significant volume of solid waste collected in the country is left untreated, with a large chunk ending up in landfills.
- Efficient and effective solid waste management is perhaps one of the biggest issues that India faces today. The key factors responsible for this are insufficient policies and the absence of penalties, lack of civic sense and awareness, financing issues, as well as old and obsolete infrastructure and systems.
- Previous policies and programmes of the government, including the Swachh Bharat Mission and the Atal Mission for Rejuvenation and Urban Transformation (AMRUT), have been successful to only some extent in solving these issues. Major cities continue to reel under mountains of untreated waste – and the entire value chain, right from waste collection to transport and treatment, is facing significant issues. Urgent and coordinated action is required across civic bodies, urban local bodies, as well as state and central agencies to find practical and affordable solutions – tailored for each city, town and village.
- Against this backdrop, the mission of this conference is to highlight the key challenges in India's solid waste management sector and identify the likely solutions to these barriers through the sharing of best practices and experiences. This conference will bring together policymakers, regulators, state officials, representatives from urban local bodies, developers, technology and service providers, manufacturers, environmental agencies, researchers and consultants to deliberate on the problems in India's solid waste management sector and present the way forward.

## TENTATIVE CONFERENCE PROGRAM

### EMERGING TRENDS AND FUTURE PROSPECTS

- What are the notable trends and developments in the waste generation, collection, treatment and disposal segments?
- What has been the progress under key programmes for effective solid waste management?
- What is the future outlook? What are the key issues and challenges?

### GOVERNMENT INITIATIVES

- What are the key initiatives being taken by the central and state governments for waste management?
- What has been the industry and public response to these initiatives?
- What are the future targets and upcoming opportunities?

### COLLECTION AND TRANSPORTATION INFRASTRUCTURE

- What is the state of waste collection and transportation infrastructure in Indian cities?
- What are some of the noteworthy initiatives in this space?
- What are the key challenges?

### PROCESSING AND TREATMENT INFRASTRUCTURE

- What is the state of the waste processing and treatment infrastructure in India?
- What are the new technologies and smart solutions being deployed?
- What are the key challenges? How are they being addressed?

### ULB PERSPECTIVE

- What is the current state of solid waste management services in your city?
- What are the recent initiatives and noteworthy projects? What are the upcoming projects and opportunities?
- What challenges do you face in implementing such initiatives? How have you addressed these barriers?

### PRIVATE SECTOR EXPERIENCE

- What has been the private sector experience in the segment?
- What are some of the successful projects? What have been the learnings and the experience so far?
- What are the key risks and challenges? What are the new opportunities and prospects for private players?

### DEVELOPMENT OF ADEQUATE RECYCLING INFRASTRUCTURE

- What are the current practices for waste recycling in Indian cities?
- What are some of the noteworthy initiatives in this regard?
- What are the key gaps in recycling? What are the possible solutions?

### O&M AND ASSET MANAGEMENT TECHNOLOGIES

- What is the role of automation systems in the O&M of waste management assets?
- What are the most promising technologies/solutions? What are the upcoming opportunities?
- What have been the key trends in their adoption? What are the major barriers?

FOCUS ON

# WASTE-TO-ENERGY IN INDIA

## PROJECTS, POLICIES AND THE WAY FORWARD

## MISSION

- India has ample potential for developing waste-to-energy projects; however, the sector has witnessed limited uptake. As of October 2025, only 309.34 MW of grid-connected waste-to-energy and 546.28 MW of off-grid waste-to-energy capacity have been installed across the country, with states like Uttar Pradesh, Andhra Pradesh and Maharashtra leading the way. The sector suffers from insufficient regulatory support, logistical and supply chain challenges, lack of financing, environmental considerations and public resistance.
- While supportive policies and programmes have existed for years, they have not been successful in generating the required interest, even though such waste-to-energy projects can address many of the waste management issues that the country currently faces. To give a boost to the struggling waste-to-energy segment, the Ministry of New and Renewable Energy revised the guidelines of the waste-to-energy component of the National Bioenergy Programme this year , simplifying applications and reducing the documentation process. Further, Rs 375 million was allocated for the waste-to-energy scheme as part of the government's National Bioenergy Programme.
- Against this backdrop, the mission of this conference is to highlight the key trends, opportunities and challenges in the waste-to-energy segment and examine the possible solutions. It will also provide a platform for policymakers, state and urban local body officials, developers, technology and service providers, manufacturers, environmental agencies, financial organisations, researchers and consultants to share experiences and deliberate on the measures needed to promote waste-to-energy projects in India.

## TENTATIVE CONFERENCE PROGRAM

### MARKET TRENDS AND OUTLOOK

- What is the installed waste-to-energy capacity in India? What are some of the noteworthy projects in the waste-to-energy space?
- Which are the most prevalent waste-to-energy technologies?
- What are the key barriers in this segment? How can they be resolved?

### GOVERNMENT PERSPECTIVE

- What are the existing policies and programmes?
- What key initiatives are being taken by the central and state regulators to promote waste-to-energy projects?
- What has been the response from the private sector? What are the opportunities for private developers?

### INDUSTRY PERSPECTIVE

- What has been the experience of key players in terms of investment and operations? What are their future plans?
- What strategies and business models are developers adopting to address their challenges?
- What are the suggestions to the government/regulators for expediting growth?

### COST ECONOMICS AND TARIFF TRENDS

- What have been the cost and tariff trends?
- What are the key factors impacting the financial viability of these projects?
- What are the financing risks of projects? How can these be mitigated?

### CASE STUDIES AND LEARNINGS

- What are the key parameters of the project? Who are the main stakeholders?
- What has been the experience? What are the lessons learnt?
- What are the key barriers to the development of future projects? How can they be resolved?

## TARGET AUDIENCE

- Central government ministries
- State government departments
- Urban local bodies (municipal corporations, municipalities)
- Regulatory boards
- Waste management service providers
- Waste collection and transportation companies
- Recycling companies and MRF operators
- Technology and equipment providers
- Waste-to-energy developers
- EPC contractors
- Environmental agencies and consultants
- Research and academic institutions
- Financial institutions and investors

# DELEGATE FEE

| | Fee | | | |
|---|---|---|---|---|
| **Delegates** | **INR** | **GST@18%** | **Total INR** | **Total USD** |
| One delegate | 25,000 | 4,500 | 29,500 | 400 |
| Two delegates | 40,000 | 7,200 | 47,200 | 650 |
| Three delegates | 55,000 | 9,900 | 64,900 | 900 |
| Four delegates | 70,000 | 12,600 | 82,600 | 1,150 |

- GST @18 per cent is applicable on the registration fee.

# SPECIAL LOW FEE

- There is a special low fee of INR 5,000 plus 18 percent GST per participant for state owned gencos, regulatory authorities, academic institutions and government agencies (not public sector corporate).

# TERMS AND CONDITIONS

Payment Policy

- Full payment must be received prior to the conference.
- Payments for "early bird" registrations should come in before the last date of discount. Discount offers cannot be combined with any other offer.
- Conference fees cannot be substituted for any other product or service being extended by India Infrastructure Publishing Pvt. Ltd.

## Organisers

The conference is being organised by the leading provider of information on infrastructure sectors. The company publishes Power Line (India's premier *power magazine*), a series of reports on the energy sector, including the Power Generation Market in India in 2023, Electricity Tariff Trends, the T&D Equipment Market, and Mining in India. The company also publishes Power News (a weekly newsletter) and the Power Line Directory and Yearbook. The conferences for the **power sector include** the **7th edition of Flue Gas Desulphurisation, the 22nd edition of IT & OT in Power, 11th Annual Conference Transmission Lines, Towers & Substations, 20th Annual Conference on Hydro Power in India, and 16th edition of Power Transmission in India**.

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For delegate registrations and sponsorship opportunities, please contact:

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