



Conference on

# WASTE MANAGEMENT IN INDIA

Trends and Opportunities, Issues and Challenges

March 9-10, 2011, The Imperial, New Delhi

**Indian  
Infrastructure**

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Infrastructure**

# WASTE MANAGEMENT IN INDIA

## Mission

- India's waste generation, currently at 207,000 tonnes per day, is increasing at a rapid pace with rising population, urbanisation and steady GDP growth. Cities such as Ahmedabad, Delhi, Greater Mumbai and Jaipur generate over 1,000 tonnes per day of waste, presenting a major challenge for city authorities for its safe disposal and management.
- Currently, the waste collection ratio is very poor and varies from 20 to 25 per cent. This needs immediate attention. Cities that have devised new strategies and approaches, including integrating the informal waste collectors, can provide models for other cities.
- Industrial solid waste, including hazardous waste, is also increasing at a phenomenal rate. Construction and demolition waste, electronic waste, etc. bring with them unique challenges in meeting environmental norms. Industry best practices can be adopted to manage such waste. Technology solutions too are available to treat and recycle waste where appropriate.
- Another area of growing importance is wastewater treatment, recycling and reuse. With lack of access to fresh water sources for industrial use and a "zero-discharge" norm for industries, the wastewater treatment market is expanding.
- The government, on its part, is becoming more stringent with the environmental norms and enforcement becoming stricter. The risk to businesses that are not compliant is high and industries that have adopted sustainable waste management practices are setting a good example for others. There is definitely more room for integration of 3R strategies with optimal levels of collection and adoption of waste-to-energy technologies (the fourth R).
- The mission of this conference is to provide a platform to discuss various strategies, issues and concerns related to sustainable waste management solutions in the country. The conference will focus on trends and opportunities that emerge in key waste segments – municipal waste, liquid waste, industrial waste, etc.

## Target Audience

- The conference is targeted at:
  - Urban local bodies/municipalities
  - Construction companies
  - Industrial users (ferrous & non-ferrous metals, petroleum & chemicals, engineering, power, cement, pharmaceuticals, plastics, mines, paper, textiles, food & beverages, etc.)
  - Electronic goods manufacturers/IT firms (e-waste)
  - Waste management companies
  - Wastewater treatment companies
  - Sewage treatment professionals
  - Waste collection, service and recycling companies
  - Transportation, storage and handling experts
  - Pollution control boards (central and state)
  - Public health departments
  - Technology providers
  - Equipment manufacturers
  - Relevant government agencies
  - Research and development organisations
  - Facility management companies
  - Consulting organisations
  - Policymakers and regulators
  - Environment consulting and solutions firms
  - Certification and inspection companies
  - Packaging companies
  - Etc.

## Organisers

The conference is being organised by **India Infrastructure Publishing**, a company dedicated to providing information on the infrastructure sectors through magazines, newsletters, reports and conferences. The company publishes **Indian Infrastructure**, **Power Line**, **tele.net** and **Renewable Watch** magazines, and a report on **Waste Management in India**. It also publishes over two dozen other reports and eight weekly newsletters in the areas of power, oil and gas, water, ports and shipping, roads and bridges, airports, urban infrastructure, telecom and railways.

## AGENDA/STRUCTURE

### WASTE MANAGEMENT - TRENDS AND OUTLOOK

- ❖ What is the current state of waste management in India?
- ❖ What are the best practices for sustainable waste management?
- ❖ What are the challenges faced by the sector?
- ❖ What is the future outlook?

### GOVERNMENT/CPCB PERSPECTIVE

- ❖ What is the government's perspective regarding waste generation and management?
- ❖ What is the status of compliance with current environmental norms by different segments?
- ❖ What are the new environmental norms that the industry can expect in the coming years?
- ❖ What are some of the government initiatives and programmes in improving the state of waste management in the country?

### Municipal Solid Waste

- ❖ What are the waste generation, collection and disposal trends in different cities?
- ❖ What are the key challenges involved in waste collection and treatment?
- ❖ Which are some of the projects that can be held as models for other cities?

### PSP EXPERIENCE IN MUNICIPAL WASTE

- ❖ What has been the private sector experience in waste management?
- ❖ What are the issues and challenges faced by them?
- ❖ What are the government initiatives to increase private sector interest in the sector?
- ❖ What are the key PPP projects planned for the future?

### LIQUID WASTE - MUNICIPAL AND INDUSTRIAL

- ❖ What is the current state of the wastewater segment?
- ❖ Which steps are being taken by the municipalities to manage wastewater?
- ❖ What strategies are planned by the industries to reduce water usage and manage the wastewater generated?
- ❖ What are the emerging technologies for the sector?
- ❖ What are some of the exemplary projects in this area?

### MEETING ZERO-DISCHARGE STANDARD IN INDUSTRIAL WASTE

- ❖ What are the strategies planned by industrial units to meet the zero-discharge standard?
- ❖ What are the challenges they are facing in meeting this target?
- ❖ What role can the state industrial development corporations play in facilitating compliance with zero-discharge norms?

### FOCUS ON WASTE-TO-ENERGY

- ❖ What is the waste-to-energy potential in India?
- ❖ What are the technology options? What is the economics?
- ❖ What has been the experience so far?

### HAZARDOUS WASTE

- ❖ What is the current scenario of industrial hazardous waste?
- ❖ What steps can be taken to contain the trade of hazardous waste?
- ❖ What is the treatment infrastructure available in the country?
- ❖ What are the most promising technology solutions to handle this waste?

### CONSTRUCTION AND DEMOLITION WASTE

- ❖ What is the current state of construction and demolition waste in India?
- ❖ What are the challenges faced in handling such waste?
- ❖ What new solutions and strategies can be adopted in managing such waste?

### ELECTRONIC WASTE

- ❖ What is the present state of e-waste in India and how does the future look?
- ❖ What are the global standards for e-waste compared to India?
- ❖ What are some of the strategies being adopted by leading IT firms and electronic goods manufacturers in e-waste management?

### SUSTAINABLE WASTE MANAGEMENT

- ❖ What are the emerging sustainable waste management practices?
- ❖ What is the current status of the 3R framework in India?
- ❖ How can India transition from 3R to 4R?

*Each session will be split into two parts. The first part will feature presentations by speakers. The second part will be devoted to Q&A and floor discussions. The conference will feature the points of view of all the key stakeholders – ULBs and municipalities, industries, waste management firms, existing players and new entrants, policymakers and investors, environment consultants, and technology and service providers.*

### Delegate Fee

- The delegate fee is Rs 20,000 for one, Rs 35,000 for two, Rs 50,000 for three and Rs 65,000 for four. **There is a 20 per cent "early bird" discount for those registering before February 18, 2011.**
- There is a special low fee of Rs 7,000 per participant for urban local bodies, and academic and research institutions.

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## Registration Form

I would like to register for the conference. I am enclosing Rs \_\_\_\_\_ vide cheque/demand draft no. \_\_\_\_\_ drawn on \_\_\_\_\_ dated \_\_\_\_\_ in favour of India Infrastructure Publishing Pvt. Ltd payable at New Delhi.

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## Registration Fee

Delegates	One	Two	Three	Four
INR	20,000	35,000	50,000	65,000
USD	465	815	1,165	1,515

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- Registration will be confirmed on receipt of the payment.
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## Contact

Ipshta Banerjee, Conference Cell, India Infrastructure Publishing Pvt. Ltd.,  
B-17, Qutab Institutional Area, New Delhi 110016. Tel: +91-11-41688861, 41034615, 9350037163  
Fax: +91-11-26531196, 46038149. E-mail: conferencecell@indiainfrastructure.com