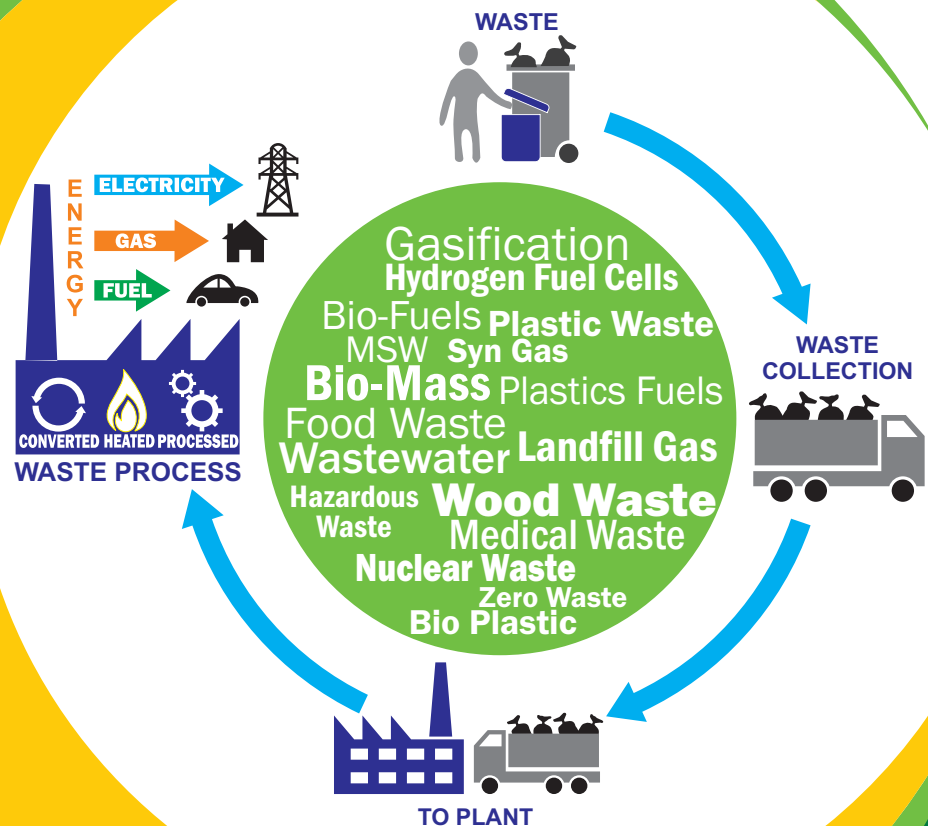




# Global Summit on Waste to Energy

28<sup>th</sup> Feb - 1<sup>st</sup> Mar, 2019, Hotel The Lalit, New Delhi

*In future  
there will be  
no difference  
between  
waste & energy.*





“

Paris or no Paris, it is our conviction that we have no right to snatch from our future generations, their right to have a clean and beautiful earth. It is part of our thinking and for that reason we do not believe in exploitation of the nature. We people do not have the right to take more than necessary from nature.

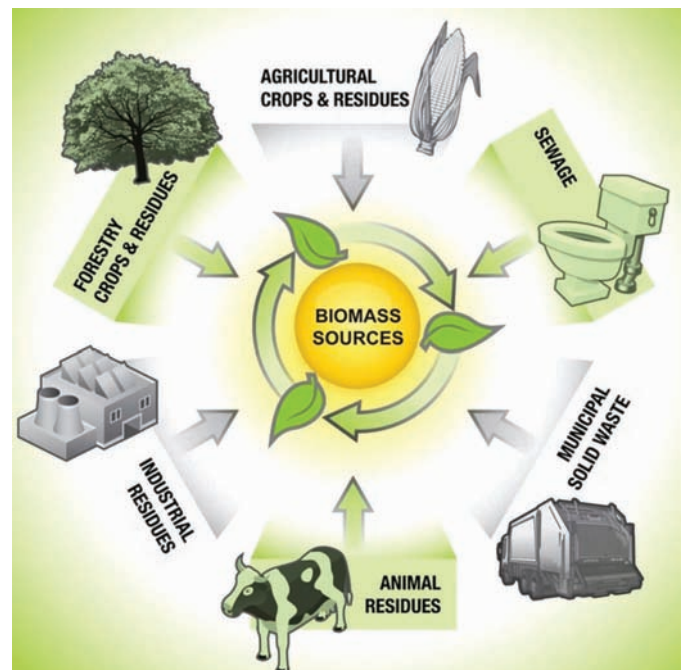
”

Hon'ble Prime Minister of India  
Shri Narendra Modi

## The Genesis

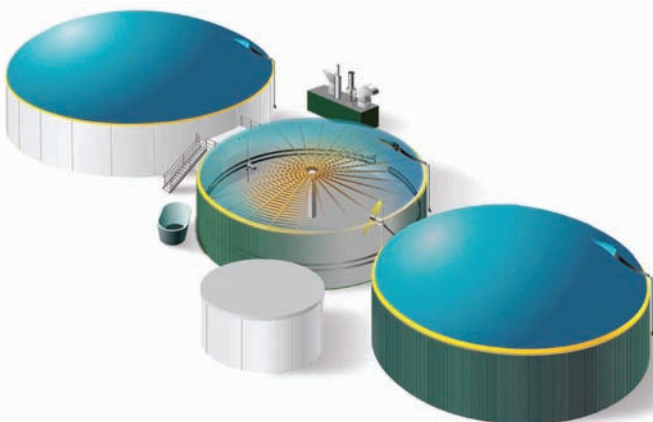
The increasing industrialization, urbanization and changes in the pattern of life, which accompany the process of economic growth, give rise to generation of increasing quantities of wastes leading to increased threats to the environment. In recent years, technologies have been developed that not only help in generating substantial quantity of decentralized energy but also in reducing the quantity of waste for its safe disposal.

In developed countries, environmental concerns rather than energy recovery is the prime motivator for waste-to-energy facilities, which help in treating and disposing of W2E will utilize versatile, small-scale, waste-to-hydrogen systems that will operate with various types of wastes, including municipal wastes, industrial wastes, food wastes, biomass, animal wastes, agricultural wastes, municipal sludge, and any other waste that has a carbon content. Energy in the form of Biogas, heat or power is seen as a bonus, which improves the viability of such projects. While incineration and



biomethanation are the most common technologies, pyrolysis and gasification are also emerging as preferred options. A common feature in most developed countries is that the entire waste management system is being handled as a profitable venture by private industry or non-government organizations with tipping fee for treatment of waste being one of the major revenue streams. The major advantages for adopting technologies for recovery of energy from urban wastes is to reduce the quantity of waste and net reduction in environmental pollution, besides generation of substantial quantity of energy.

All of the above & much more presents an unparalleled opportunity to showcase, debate and deliberate on the current status and future prospects of waste to energy in India particularly and world at large.





# Why attend

The Global Waste to Energy Summit brings together best ever faculty comprising of international waste to energy and waste management CEOs, developers, bankers, private equity financiers, technology providers, policy-makers, domain experts, engineers, scientists, researchers, students, entrepreneurs, equipment suppliers and other professionals on a single platform to discuss waste Management challenges in India and explore plausible solutions.

With a firm focus on advanced conversion technologies, the summit addresses the need for innovation – not just in technology, but in policy, finance and partnership models – in order to accelerate the growth of the industry worldwide.



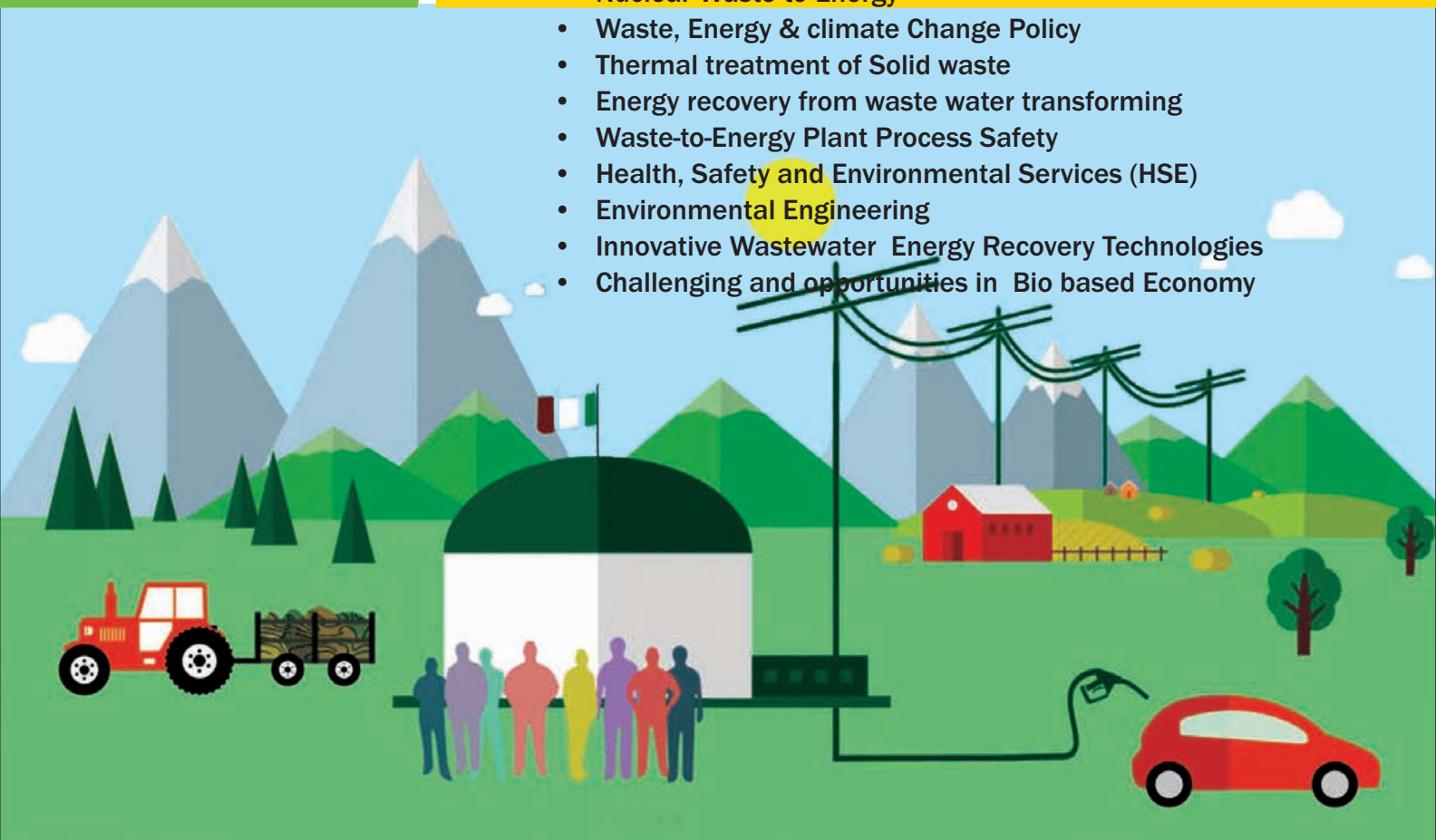
## Objectives

- To outline the status quo of the waste situation
- To map out how waste-to-energy solutions help in waste reduction
- To learn from Waste-to-Energy success stories from across the world
- To discuss development of domestic refuse derived fuel systems
- To explore the expansion of Integrated Waste Management Systems towards a circular economy
- To investigate possibilities for investing in WtE

# Key Topics

- Waste to Energy Gasification technology
- Waste to energy Technologies
- Waste of Hydrogen fuel cell
- Biomass-to-Syngas Technologies
- MSW to Energy
- Bio-waste to BIO CNG & Gas
- Plastics Waste to Energy
- Biomass to Fuels
- Biomass to Bioplastic
- Food Waste to Energy
- Landfill Gas to CNG & Energy
- Wastewater to Renewable energy
- Wood Waste to Energy
- Medical Waste to Energy
- Nuclear Waste to Energy

- Waste, Energy & climate Change Policy
- Thermal treatment of Solid waste
- Energy recovery from waste water transforming
- Waste-to-Energy Plant Process Safety
- Health, Safety and Environmental Services (HSE)
- Environmental Engineering
- Innovative Wastewater Energy Recovery Technologies
- Challenging and opportunities in Bio based Economy



**Shri Dharmendra Pradhan, Minister of Petroleum and Natural Gas** - states that approx \$2 Billion is being invested by the Government Companies by way of R&D on Second Generation (2G) Biofuel Refineries across the country. Ways are being explored on conversion of urban, rural waste to fuel; use of waste/barren lands for cultivation of feedstock for 2G biofuels. The Minister said that the potential for the bio fuel industry in India would be around Rs 1 Lakh Crore in the next 1 to 2 years.





*Who should attend*

Global Summit on Waste to Energy 2019 is aimed at industry professionals who are looking to gain knowledge and information about waste treatment, Recycling, Landfill, Biological treatment, waste conversion, biomass energy, biogas, WtE power plant and Environmental Issues etc. It will be especially relevant for:

### **CEOs, VPs, Directors, Heads and Managers of**

- Waste Management & Recycling
- Waste to energy (WTE) Management, engineering & facility companies
- WtE plant design firms & plant operators Architecture/Engineering
- Energy from Water (EfW)
- Environment Services, Agencies & Health & Safety Authorities
- Facility Management
- Hospitality Industry
- Landscaping and Land Reclamation
- Waste Handlers
- EPC Contractors
- Medical/Hospital/Clinic
- Oil & Gas Companies, Refineries
- Universities/Research Institutions
- Thermal Power Plants
- Urban Planning
- Venture Capital, Private Equity & Banks
- Governments, Municipalities, NGO, IGO and associations

The municipal corporations are expected to receive Rs.15,000 crore over the next three years under the Swachh Bharat Mission for cleanliness, waste-management and waste-to-energy projects. Also, the government is also setting up a \$1.25 billion fund, backed by state-owned Power Finance Corp. Ltd and Rural Electrification Corp. Ltd along with some private institutions. These allocations, together with private partnerships, could result in an investment of about Rs.65,000 crore in these projects over the next three years

# Why Exhibit?

Global Summit on Waste to Energy (GSWE-2019) includes an innovative exhibition area where you can promote your business expertise to an audience of highly engaged waste management professionals from across the Globe.

Enjoy access to unparalleled new business leads, with delegates representing waste management, energy generation, finance, investment, engineering, and advisory, central and local government organisations who attend to learn, network and discuss real business opportunities.

- Showcase your products and services face-to-face to over 350 attendees and win new business
- Keep in touch with current clients whilst meeting potential new customers and new suppliers
- Brand your organisation alongside market leaders to maintain and increase your market share
- Network face-to-face with senior procurement representatives from across the India



## Exhibitor Profile

- Wastewater Energy Recovery Technologies
- Industrial Water Treatment Process Optimization
- Waste-to-Energy Products & Services
- Waste Management Start-ups, consultants & contractors
- Technologies and Equipment for Waste Management
- Bio CNG plant Manufacturers
- Biofuels / Alternative Fuels
- Biomass Heat Utilisation Technologies
- Forest Engineering Organisations
- EIA (Environmental Impact Assessment), Education & Services
- E-Waste & Industrial Waste Companies
- Hazardous Waste Equipment & Services
- Environmental Engineering
- Landfill Equipment & Services
- Measuring Control and Lab Technology
- Medical & Infectious Waste
- Municipal solid waste
- Organic waste & Recycling Companies
- Pollution Control Companies
- Recycling Equipment & Companies
- Solid Waste Management
- Infrastructure Developers
- Investment Funds & Banks
- Venture Capital, Private Equity
- National, International and Non-profit Organisations for Environmental Protection
- Wastewater Energy Recovery Technologies
- Industrial Water Treatment Process Optimization



# Call for Papers

**GSWE -2019** invites to send your original research abstracts, case studies formatted to given format in the **Abstract submission Guidelines**([www.gswe.in/adstractguideline](http://www.gswe.in/adstractguideline)) before the deadline. All research papers will be evaluated by technical committee. All the accepted research papers/ abstracts will be eligible to be presented at the conference and they should register on or before the final registration deadline.

**Topics of interest for submission include, but are not limited to,**

- ◆ Waste and recycling collection and transport
- ◆ Waste minimization, materials reuse, and recycling
- ◆ Servicing Options (Public/Private)
- ◆ Hazardous Waste Management (Recycling, Treatment, Disposal)
- ◆ Organics Waste Management & Processing & Diversion (Collection, Processing, Composting, and Anaerobic Digestion/Biomethanization)
- ◆ Stewardship Programs - Materials Markets – Paper, Plastics, Glass, etc
- ◆ Recycling/Waste Disposal in Property Management
- ◆ Policy, Regulations, Economics and Planning
- ◆ Life Cycle Analysis
- ◆ Landfill Gas Management
- ◆ Green Energy (EfW, GHG & Carbon, New Technologies)
- ◆ Waste Transfer & Disposal (Transfer Stations, Landfills)
- ◆ Construction and Demolition Waste
- ◆ Wastewater technologies and Environment Engineering Solutions
- ◆ Other Waste Related subjects
- ◆ Innovations in Waste to Energy
- ◆ Solid waste management challenges in India
- ◆ International trends in MSW-to-Energy conversion
- ◆ Waste-to-Energy in India – Potential, challenges, Roadmap
- ◆ Best international practices in solid waste management
- ◆ Strategy for improving recycling rates in India
- ◆ Taking care of non-recyclable waste
- ◆ Landfills as a source of renewable energy
- ◆ Advanced technologies for waste collection and transport
- ◆ Future of Waste India transition to circular economy
- ◆ Waste-to-Energy Plant Process Safety
- ◆ The Definition and role of Energy from Waste Solutions and alternatives.
- ◆ Different ownership structures of an EfW facility and the relative benefits to different parties
- ◆ Architecture of buildings for waste treatment (Waste to energy plants, incinerators)
- ◆ WtE plants: relationship with cities and communities, public acceptance
- ◆ Environmental climate energy
- ◆ Energy Efficiency in Wastewater
- ◆ Non Hazardous Energy From Nuclear Waste
- ◆ Wastewater Engineering & Technologies
- ◆ Energy from waste - Environment, Planning and Sustainable Development

NTPC Limited, India's largest power generation company, has invited interested domestic and international developers to construct 100 waste-to-energy (WTE) facilities in the country under the **Swachh Bharat Mission of the government of India.**

# Participation Package

## Exhibition Opportunities

Increase your industry exposure, generate new leads and maintain client relationships by exhibiting at the GSWE-2019 enabling you to showcase your products, services and equipment to a large target audience.

• Indian Built up Booth - Rs. 15,000*/sqm
• International Built up Booth - USD 400* sqm

\* Add 18% GST extra

## Conference

After 31 Oct. 2018

• Indian Delegate - Rs. 20000*	Rs. 22,000*
• International Delegate - USD 450*	USD 500*

\*Add 18% GST extra

## Sponsorship Opportunities

Increase your industry exposure, generate new leads and maintain client relationships by sponsoring and/or exhibiting at the GSWE-2019. Put your brand in front of key decision makers within the WtE industry!

We have various opportunities readily available and can also tailor-make one to suit to your needs and budget.

## About Organiser

### Indus Exposium Pvt Ltd.

Indus Exposium is a professionally owned and managed start-up established in Aug 2012. IE provides industry with integrated multiple media & business information platforms through a portfolio of Content-Led conferences & seminars, workshops and exhibitions. Led by a team of industry experts, IE endeavours to create research based platforms that facilitate information sharing and growth. Young team of professionals with over 35 years of cumulative experience in B2B Exhibition, Conferences and Trade Shows. Team members have International experience & outstanding professional track record with world leading organizations like Reed Elsevier Group, Images Group, ITE Plc. and TAFCON. Successfully delivered over 100 projects in diverse verticals markets in India & overseas. IE have Excellent business relationships & networking with governments, project partners, trade and allied agencies across a spectrum of industries and markets.

Exhibition & Sponsorship	Program & Marketing	Delegate Registration	Organised By:
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[www.gswe.in](http://www.gswe.in)