



सत्यमेव जयते
पेट्रोलियम एवं प्राकृतिक गैस मंत्रालय
भारत सरकार



Technical Conference on Waste to Energy and Resource Conservation (WERC-2019) – Challenges, Technologies and Adoption



May 30-31, 2019 at Jacaranda Hall
India Habitat Centre, New Delhi



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India being the largest growing economy and housing 130 crores people faces a biggest challenge of Waste Management. Rapid Urbanisation, industrialization and changes in living standards over the decades has resulted in increased waste generation in Indian cities, leading to enhanced threats to the environment & health. The country has over 5000 cities & towns which generate Municipal Solid Wastes, Industrial Wastes, Hazardous Wastes, Agricultural Wastes, Bio-Medical Wastes & E-Wastes etc. Industries itself generate huge amount of wastes like paper, glass, metals, cable, wires, plastics goods, e-wastes, oil sludges, emulsions, spent oil, fly ash, pharma, medical wastes, straws - biomass waste, poultry & livestock wastes etc. These wastes can be used by Waste to Energy(WtE) Technology operators, developers, equipment suppliers to present their demonstrated capabilities in design, supply, erection and commissioning of plants & machinery for generating substantial quantity of decentralized energy and conserving resources through recycling and reuse.

The main focus of the two days Technical Conference on Waste to Energy and Resource Conservation - WERC-2019 would be to assess the status quo of municipal, agricultural & industrial wastes in India; identifying new ideas, innovations,

solutions, technologies for converting waste-to-energy, alternative fuel and help in reutilization of municipal, agricultural & industrial wastes into viable fuel options, products, solutions adaptable by industrial & civic market. The technical Conference will also provide a platform to Indian & Global companies to share their success stories and to learn from Waste-to-Energy projects running successfully. Since, India is a huge market, it also provides opportunity of investment in these projects under PPP by urban planners, project developers, investors, venture capitalists, private equity and bankers etc.

Federation of Indian Chambers of Commerce & Industry (FICCI) along with Petroleum Conservation Research Association (PCRA), Ministry of Petroleum & Natural Gas, Government of India is organizing a Technical Conference on Waste to Energy and Resource Conservation. WERC-2019 brings together best ever stakeholders comprising of waste to energy and waste management CEOs, developers, private equity financiers, technology providers, policy-makers, domain experts, engineers, scientists/researchers, entrepreneurs, equipment suppliers and other professionals on a single platform to discuss waste to energy, fuel conversion & resource management challenges in India and explore conceivable solutions.

Key Topics

- To map out how Waste-to-Energy & fuel conversion Solutions Help in Waste Reduction
- Waste-to-Energy & fuel conversion Best Practices, Success Stories from various Sectors of Industries
- Latest Regulations Governing Wastes Management / Energy Generation/ Energy Efficiency in India
- Various Operational Issues, Challenges Involved and Develop Suitable Strategies for Overcoming Them
- Industrial & Municipal Solid Waste Management for Smart City
- Recycle and Reuse of Industrial Wastes
- Waste to Energy Gasification Technology
- Waste to Hydrogen Fuel Cell
- Plastics Waste to Energy & Fuel
- Biomass to Fuels, Bioplastic & Syngas Technologies
- Bio-waste to BIO CNG & Gas
- Landfill Gas to CNG & Energy
- Medical Waste to Energy
- Thermal Treatment of Solid Wastes
- Energy Recovery from Incineration & Wastewater Transforming
- Waste-to-Energy Plant Process Safety, HSE Issues
- Oil Sludge, Spent Oil, Oil Emulsions Reuse in Cement Industry
- Innovative Approach to Manage Solid Wastes - "Swachha Bharat Abhiyan"
- Development of Domestic Refuse Derived Fuel Systems
- Public Private Partnership in Promoting Waste-to-Energy Projects'
- Accelerating Development and Deployment of WtE Projects in India



Who Should Attend

- Waste-to-Energy & fuel conversion Products & Services
- Waste Management Start-ups, Innovators, consultants & contractors
- Technologies and Equipment Suppliers for Waste Management
- Bio CNG Plant Manufacturers
- Biofuels / Alternative Fuels Manufacturers, Users
- Biomass Heat Utilisation Technologies
- EIA (Environmental Impact Assessment), Education & Services
- Hazardous Waste Equipment & Services Provider
- Environmental Engineering Companies
- Siting, Landfill Designers, Equipment & Services Provider
- Waste Collectors, Segregators and Disposal Companies
- Organic Waste, Compost & Recycling Companies
- State Municipal Corporations, Pollution Control Boards
- Infrastructure Developers, Municipal Solid Waste Managers
- Investment Funds, Banks, Venture Capital, Private Equity
- NGOs, R&D Organisations, Technical Professionals
- Wastewater Energy Recovery Technologies
- Industrial Water Treatment Process Optimization Companies

Industry Participants

- Oil & Gas, Refineries, Oil Exploration units
- Petroleum, Hydrocarbon, Petrochemical product supplier
- Metallurgy, Iron & Steel, Foundries & Casting Industry
- Packaging, Logistics Industry & Transporters
- Food, Beverages & Hospitality Industry
- Paints, Coatings & Solvents
- Cables, Wires, Plastics, Toys, Furniture
- Oil Sludge, Spent Oil, Cement Industry
- Glass, Ceramics and Non-metallic Minerals Industry
- Pulp & Paper, Fertilizer, Textile Industry
- Tetra Pack, PET Bottles, Plastic Product Manufacturers
- Rubber, Tyre, Automobile / Auto Ancillaries
- Semiconductor & Electronics, Electronic Appliances Industry
- Hospitals, Pharmaceuticals & Biotech Companies
- Bio-Gas Plants, LPG, CNG, other Gas Manufacturers
- Thermal Power Plants, Fly Ash Users
- Secured Landfill Site Developers and Managers
- Banks, Law Firms, Private Equity, Investment Firms
- All Other Manufacturing Plants Generating any Industrial Wastes

Exhibitors

- Waste to Energy and Fuel Conversion Technologies, Products & Services
- Waste Management Agencies, Start-Ups, Innovators, Consultants, NGO, R&D Organisations, Plant Designers & Contractors
- Cement, Oil & Gas, Petroleum, CNG, LNG, Alternative Fuel Companies
- Conveyors, Hydraulic Lifts, Industrial Loaders, Bulldozers, Vacuum Emptier/Truck Suppliers
- Cranes, Forklifts, Vibratory Feeders & Recycling Screens, Refuse Disposal Equipment and Vehicles
- Sorting, Optical Sorting Machines, Shredding, Waste/Garbage Handling and Processing Technology, Equipment
- Balers, Compactors, Pulverizers, Waste Collection System
- E-waste, Plastic Waste, Industrial Waste Collection, Handling Companies
- Incinerators, Thermal Treatment, Heat Exchangers, Pyrolysis, Gasification, Waste Heat Recovery Processes
- Liquid Filters, Industrial Wastewater Energy Recovery Technologies
- Hospitality - Food, Livestock/Organic Waste Treatment, Bio-gas Manufacturers
- Waste & Biomass, Pre-treatment of Fuels & Other Materials
- Anaerobic Digestion, Biological Treatment, Composting Machine Manufacturers
- Biofuels/Alternative Fuel Producers, Bio CNG Plant Manufacturers
- Hazardous Waste Management, Landfill Design n Installation Companies
- Govt. Authorities, State Municipal Corporations, Pollution Control Boards
- Investment Funds, Banks, Schemes, Private Equity, Venture Capitalists
- Energy Efficiency, Resource Conservation Organisations

Petroleum Conservation Research Association (PCRA) is a registered society set up under the aegis of Ministry of Petroleum & Natural Gas, Government of India. As a non-profit organization, PCRA is a national government agency engaged in promoting energy efficiency in various sectors of economy. It helps the government in proposing policies and strategies for petroleum conservation, aimed at reducing excessive dependence of the country on oil requirement. Over the years, PCRA has enlarged its role in improving productivity in use of various sources of energy. PCRA aims at making oil conservation a national movement. As part of its mandate, PCRA is entrusted with the task of creating awareness amongst the masses about the importance, methods and benefits of conserving petroleum products & emission reduction.

Federation of Indian Chambers of Commerce & Industry (FICCI) is the largest and oldest apex business organisation in India. Its history is closely interwoven with India's struggle for independence, its industrialization, and its emergence as one of the most rapidly growing global economies. A non-government, not-for-profit organisation, FICCI is the voice of India's business and industry. From influencing policy to encouraging debate, engaging with policy makers and civil society, FICCI articulates the views and concerns of industry. It serves its members from the Indian private and public corporate sectors and multinational companies, drawing its strength from diverse regional chambers of commerce and industry across states, reaching out to over 2,50,000 companies. FICCI provides a platform for networking and consensus building within and across sectors and is the first port of call for Indian industry, policy makers and the international business community.

Contact Us

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