



Confederation of Indian Industry



Office of the Principal Scientific Adviser
to the Government of India



10th INTERNATIONAL CONFERENCE ON **WASTE TO WORTH TECHNOLOGIES**

Fostering a Circular World Through Economic
Synergies and Global Technological Partnerships

04th November 2025, New Delhi

PARTNER BOOKLET



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Office of the Principal Scientific Adviser
to the Government of India



Ministry of Electronics and Information Technology
Government of India

सत्यमेव जयते



रसायन एवं पेट्रो-रसायन विभाग
DEPARTMENT OF
CHEMICALS & PETRO-CHEMICALS



Ministry of Environment, Forest
and Climate Change



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MATERIAL RECYCLING ASSOCIATION OF INDIA



THE ENERGY AND RESOURCES INSTITUTE
Creating Innovative Solutions for a Sustainable Future

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Government Partners



Office of the Principal Scientific Adviser
to the Government of India

Office of the Principal Scientific advisor to the government of India

The Government of India established the Office of the Principal Scientific Adviser (PSA) in November 1999. The PSA's office aims to provide pragmatic and objective advice to the Prime Minister and the cabinet in matters of Science and Technology. The Office of PSA was placed under the Cabinet Secretariat in August, 2018.

Prof. Ajay Kumar Sood is currently serving as the Principal Scientific Adviser to the Government of India.



Ministry of Electronics and Information Technology
Government of India

Ministry of Electronics and Information Technology (MeitY)

The Ministry of Electronics and Information Technology (MeitY) plays a crucial role in addressing waste management, particularly in the context of electronic waste (e-waste) in India. MeitY has been actively involved in promoting awareness and developing policies for the management of e-waste, which is one of the fastest-growing waste streams in India. The ministry has initiated programs to educate the public and industries about the safe disposal and recycling of electronic products. MeitY established the "Centre of Excellence on E-Waste Management" to create a knowledge hub for developing cost effective recycling technologies. This center aims to provide solutions for e-waste handling and promote environmentally friendly practices among industries. The ministry supports the implementation of the "E-Waste (Management) Rules" which regulate the handling, recycling, and disposal of e-waste. These rules are designed to minimize environmental impact and promote safe practices in e-waste management. MeitY collaborates with various stakeholders, including private industries and research institutions, to enhance the recycling infrastructure and develop innovative technologies for e-waste management. This includes training programs for small and medium enterprises (SMEs) to adopt better practices.



Government Partners



रसायन एवं पेट्रो-रसायन विभाग
DEPARTMENT OF
CHEMICALS & PETRO-CHEMICALS

Department of Chemical and Petrochemical, Ministry of Chemicals and Fertilizers, Government of India

The Department of Chemical and Petrochemical, operating under the Ministry of Chemicals and Fertilizers, Government of India, plays a vital role in promoting sustainable industrial practices, including effective waste management. It formulates policies, standards, and programs to minimize waste generation in the chemical and petrochemical sectors while encouraging the adoption of cleaner technologies and circular economy principles. The department works closely with industry bodies, research institutions, and state agencies to promote recycling, recovery of valuable by-products, and safe disposal of hazardous waste. Through initiatives such as promoting green chemistry, setting up common effluent treatment plants, and enforcing environmental regulations, the department ensures that industrial growth aligns with environmental protection and resource conservation goals.



Ministry of Environment, Forest and Climate Change

The Ministry of Environment, Forest and Climate Change (MoEFCC) is the nodal agency of the Government of India responsible for planning, promoting, coordinating, and overseeing the implementation of environmental and forestry policies and programs, including waste management. It plays a key role in framing and enforcing rules for various waste streams such as solid waste, plastic waste, e-waste, biomedical waste, and hazardous waste under the Environment (Protection) Act, 1986. The MoEFCC works to ensure environmentally sound waste collection, segregation, recycling, treatment, and disposal practices across the country. It collaborates with state pollution control boards, urban local bodies, and industries to promote sustainable waste management systems, encourages public participation through awareness campaigns, and supports research and innovation in waste-to-energy and recycling technologies to minimize environmental pollution and promote a cleaner, greener India.



Government Partners



Mission LiFE (Lifestyle for Environment)

Mission LiFE (Lifestyle for Environment), launched by the Government of India under the leadership of the Prime Minister, is a global movement that encourages individuals and communities to adopt environmentally responsible lifestyles. It aims to shift people's behavior from a "use-and-dispose" mindset to a "reduce, reuse, and recycle" approach. In the context of waste management, Mission LiFE emphasizes minimizing waste generation at the source by promoting sustainable consumption patterns, reducing single-use plastics, encouraging segregation of waste, and fostering community participation in recycling and composting initiatives. The mission also partners with local bodies, educational institutions, and civil society organizations to spread awareness about responsible waste handling and promote green practices in daily life. By inspiring behavioral change and collective action, Mission LiFE seeks to make waste management a people-driven movement contributing to a cleaner and more sustainable planet.



Digital India

Digital India is a campaign launched by the Government of India to make its services available to citizens electronically via improved online infrastructure and by increasing Internet connectivity. The initiative includes plans to connect rural areas with highspeed internet networks. It consists of three core components: the development of secure and stable digital infrastructure, delivering government services digitally, and universal digital literacy. The Digital India initiative plays a crucial role in enhancing waste management practices across the country. By leveraging digital technologies, this initiative aims to create a more efficient and transparent waste management system. For instance, cloud-based platforms are being utilized to track waste and promote recycling, helping to reduce the amount of recyclable material that ends up in landfills.

Partner's Profile



Chief Patron



Re Sustainability Ltd

Re Sustainability, a KKR company, is Asia's leading provider of integrated sustainability solutions. Re Sustainability aims to be a global enabler of circular economy and provides a range of environmental infrastructure, services and circular economy solutions for cities and industries.

Its businesses include Waste Management (including hazardous, municipal, bio-medical, MARPOL & e-waste); Waste to Energy; Wastewater Solutions, Recycling & Resource Recovery (including plastics, E-waste, paper, ELV's, C&D waste and a number of other commodities). Re Sustainability also offers EPC services, consultancy and bespoke environmental solutions.

With a workforce that is over 22,000 strong, Re Sustainability has a global footprint, including more than 100 operating facilities and plants spread across India, Singapore, USA, UAE, Qatar, Saudi Arabia, Kuwait, Oman, Jordan and Tanzania.

Re Sustainability is independently rated by Standard & Poor's CSA (earlier known as the Dow Jones Sustainability Index). In January 2025, ReSL was ranked as the highest rated environmental services company globally.



Initiative Partner



Blue Planet Environmental Solutions

Headquartered in Singapore and founded in 2017, **Blue Planet Environmental Solutions** is one of Asia's fastest-growing sustainability, circularity, and decarbonization platforms. With operations across Singapore, Malaysia, India, the UK, and other global regions, Blue Planet is committed to enabling the world's transition from a linear to a circular economy. The company integrates cutting-edge environmental technologies to address some of the planet's most urgent challenges – reducing greenhouse gas emissions, eliminating landfill dependence, and preserving natural resources.

At its core, Blue Planet's mission is to **maximize resource recovery, reclaim biodiversity, and produce clean energy** through a portfolio of sustainable and scalable solutions. The company's work spans **Municipal Solid Waste (MSW) Management, Waste-to-Energy, Bio-CNG and Biogas, Landfill Remediation, Hazardous Waste Management, and Restoration Services**, offering an end-to-end approach to sustainability.

With **175+ projects across multiple geographies**, Blue Planet has successfully diverted **over 17 million tons of waste from landfills**, reclaimed **over 700 acres of land**, and **served more than 30% of Singapore's population** through its integrated solutions. Its technologies enable clients – from municipalities to corporations – to meet ambitious ESG goals while improving operational efficiency and environmental performance.

In India, Blue Planet has developed **Integrated MSW Solutions** such as the pioneering facility at Greater Noida's Knowledge Park. This "Zero Waste to Landfill" project efficiently processes mixed waste into biogas, RDF, recyclables, and construction aggregates – embodying the circular economy in action. Additionally, Blue Planet has been at the forefront of **legacy landfill remediation**, transforming contaminated dumpsites in Noida, Vizag, and other cities into

Driven by its guiding philosophy of **"People, Planet, and Prosperity"**, Blue Planet Environmental Solutions continues to push boundaries in sustainability. By integrating scientific innovation with circular economy principles, it is redefining waste as a resource, empowering industries, governments, and communities to move decisively toward a cleaner, more regenerative future.



Platinum Partner



Luthra Group

With over seven decades of excellence, Luthra Group has transformed from its textile origins into a pioneering leader in waste management, environmental solutions – waste water recycling (ZLD) and sustainable industrial parks. It was the first private enterprise in India to establish and operate a waste-to-fuel facility, enabled through strategic global partnerships certified by ISO and IGBC standards

Driven by a strong commitment to innovation, research and development, and policy engagement, Luthra Group holds multiple patents and actively represents the industry at various forums. Its operations are supported by a robust IT infrastructure and advanced ERP systems to ensure efficiency and scalability

As part of its corporate social responsibility, the Group leads impactful initiatives in education, healthcare, and community development—creating meaningful, long-term benefits for society. These efforts have earned Luthra Group numerous awards and recognitions.



Associate Partners



Indian Pollution Control Association (IPCA)

The Indian Pollution Control Association (IPCA) is a non-profit organization dedicated to promoting sustainable environmental management practices across India, with a strong focus on waste management. IPCA works to create an integrated system for collection, segregation, recycling, and disposal of various types of waste, particularly plastic and municipal solid waste. Through its innovative projects—such as waste segregation at the source, recycling centers, and plastic waste management programs—IPCA plays a vital role in reducing pollution, conserving resources, and fostering a cleaner and more sustainable environment.



Gangotree Energy Projects Pvt Ltd

Gangotree Energy has developed a pioneering solution to manage non-recyclable, combustible municipal dry waste by converting it into an alternative renewable solid fuel. Branded as “Urjwala,” these pellets provide an eco-friendly, cost-effective fuel for boilers and heaters across various industries, addressing the dual challenges of waste management and renewable energy. By adopting a decentralized approach, Gangotree Energy enables localized dry and garden waste processing, reducing transportation costs and emissions. The process involves collecting, sorting, shredding, drying, and compressing waste into high-energy-density pellets, which are rigorously tested for quality and environmental compliance. By transforming waste into a resource, Gangotree Energy promotes a circular economy and supports sustainable waste management practices.



Associate Partners



JBM Enviro

For over a decade now, JBM Enviro has been committed towards commissioning Waste to Worth (WoW) projects in India offering multiple environment sustainability solutions. Owing to our lineage, expertise and strategic presence in the value chain, JBM Enviro is a leading player in this domain. Managed over 8 million tons of MSW in some of the biggest metropolitan cities in India. Developing first of its kind projects with an Integrated Solid Waste Management (ISWM) proposition across India. Our purpose is to protect the environment and public health via systematic improvement in MSW management.



RENERGY DYNAMICS

REnergy Dynamics (RED) is a pioneering techno-financial platform committed to advancing sustainable bioenergy projects across India. Driven by a vision of a greener future, RED utilizes a diverse team of experts to develop projects that significantly reduce carbon footprints. initiatives span renewable energy solutions, transforming organic feedstock into bioenergy. With a focus on long-term sustainability, RED ensures project viability through efficient feedstock management, advanced engineering, and sound financial practices. RED is at the forefront of the bioenergy sector, actively supporting global efforts to reduce carbon emissions and promote a cleaner, more sustainable future.



Associate Partner



Suzlon Energy Ltd

The Suzlon Group is a leading global renewable energy solutions provider, with ~21.2 GW of wind energy capacity installed across 17 countries across Asia, Europe, Latin America, Africa, Australia, and North America. We are present in nine Indian states, including Gujarat, Rajasthan, Maharashtra, Tamil Nadu, and Andhra Pradesh.

Headquartered at Suzlon One Earth in Pune, India, the Group includes Suzlon Energy Limited and its subsidiaries. A vertically integrated organisation, Suzlon has in-house R&D centres in Germany, the Netherlands, Denmark, and India, and world-class manufacturing facilities across India. With 30 years of operational excellence and a diverse workforce of ~8,120 employees, Suzlon is India's No. 1 Renewable Energy Solutions company, managing 15.2 GW of assets and an additional ~6 GW installed outside India. The company pioneered the 'Concept to Commissioning' model in wind energy, enabling it to provide solutions to a wide range of customer needs across the entire renewable energy value chain. Its portfolio includes the advanced 2.x MW and 3.x MW series of wind turbines. The company's efforts align with national goals like the Panchamrit climate pledge and the push for 500 GW of non-fossil fuel capacity by 2030. Suzlon's work is helping India transition from energy scarcity to energy sovereignty.



Association Partners



Council of Scientific and Industrial Research – National Environmental Engineering Research Institute (CSIR-NEERI)

The Council of Scientific and Industrial Research – National Environmental Engineering Research Institute (CSIR-NEERI) is a premier research organization in India dedicated to environmental science and engineering for Sustainable Development. CSIR-NEERI mission is to continue to strive for providing innovative and effective solutions for environmentally sustainable development and to help Government, industry and the society, especially the 800 million underprivileged people of India. It plays a pivotal role in developing sustainable solutions for waste management, focusing on solid waste, hazardous waste, and wastewater treatment. Through its innovative technologies and field-based projects, CSIR-NEERI promotes effective waste segregation, recycling, composting, and energy recovery, aiming to minimize environmental pollution and support circular economy initiatives.



Centre for Science and Environment

The Centre for Science and Environment (CSE) is a leading non-governmental research and advocacy organization based in New Delhi, dedicated to promoting sustainable development and environmental protection in India. In the field of waste management, CSE works extensively to develop and promote effective, decentralized, and inclusive waste management systems. It conducts research, capacity-building programs, and policy advocacy to support proper segregation, recycling, composting, and scientific disposal of waste. CSE also assists urban local bodies in implementing sustainable solid waste management practices and provides training to improve waste governance and enforcement.



Association Partners



MATERIAL RECYCLING ASSOCIATION OF INDIA

Material Recycling Association of India

The Material Recycling Association of India (MRAI) is the apex body representing the recycling industry in India. It works to promote sustainable recycling practices, efficient waste management, and resource recovery across sectors such as metals, paper, plastics, and e-waste. MRAI advocates for policies that support a circular economy and collaborates with government bodies and industries to strengthen India's recycling ecosystem.



THE ENERGY AND RESOURCES INSTITUTE *Creating Innovative Solutions for a Sustainable Future*

The Energy and Resources Institute

The Energy and Resources Institute (TERI) is an independent, not-for-profit research organization advancing innovative solutions in energy, environment, climate change, and sustainable development. Headquartered in New Delhi, with regional centres in Gurugram, Bengaluru, Guwahati, Mumbai, Panaji, and Nainital, TERI is powered by a 1,000+ strong multidisciplinary team of scientists, engineers, economists, and sociologists engaged in action-oriented research and implementation. TERI's mission is to usher transitions to a cleaner and sustainable future through the conservation and efficient use of energy and other resources, and innovative ways of minimizing and reusing waste.



Advertisements

Shaping the Future of Sustainability



**INTEGRATED
SUSTAINABILITY
SOLUTIONS**



Integrated Sustainability Solutions (ISS), Re Sustainability Limited's flagship offering, delivers end-to-end environmental and sustainability services. Backed by 30+ years of expertise and KKR's global support, ISS combines innovation, engineering, and operational excellence to address compliance, ESG, remediation, circular resource management, and green infrastructure. With 22,000+ professionals across 100+ locations, ISS transforms fragmented efforts into cohesive, impact-driven solutions for a low-carbon, resource-efficient future.

Every solution we deliver is designed to advance three core sustainability outcomes



Compliance

Alignment with global regulations, frameworks & stakeholder expectations.



Efficiency

Minimized resource use via clean technologies & circular models.



Performance

Carbon reduction, biodiversity protection & Net Zero alignment.

Our Ecosystem of Specialized Sustainability Brands



Analytical

Smart, data-driven analytical insights.



Ignite

Alternative fuels for climate-smart operations.



netZERO
A Re Sustainability Company

Circular economy & carbon credit solutions.

iss@resustainability.com | www.resustainability.com



VISION & IMPACT

Reimagining Waste. Restoring the Planet. Reviving Prosperity.

Across the world, the way we produce, consume, and discard is changing and **Blue Planet Environmental Solutions** is leading that transformation. Headquartered in Singapore, Blue Planet is Asia's leading **Sustainability, Circularity & Decarbonization Platform**, enabling the world's transition from a linear to a circular economy.

We deliver integrated, technology-driven solutions that help cities, corporations, and communities reduce waste, recover resources, and generate clean energy ensuring progress that benefits **People, Planet, and Prosperity**.

Our Global Impact



25,000+
Metric Tons

CO₂ emissions
reduced annually



2+
Million Tons

Waste converted into clean
energy & resources



700+
Acres

Land Reclaimed
in India



175+ Projects
Across Asia, UK, and
Middle East



Serving
30%+
of Singapore's population



17+
Million Tons
waste diverted from landfills

Our Vision

To be a global catalyst for **net-zero and circular transformation**, empowering nations to achieve sustainable growth through **innovation, inclusion, and impact**.

Core Philosophy

People. Planet. Prosperity.

At Blue Planet, sustainability is not a choice — it's our way of creating a future where growth and responsibility thrive together.

SOLUTIONS & INNOVATION

Transforming Every Type of Waste into Opportunity

Integrated MSW Solutions

End-to-end management of Municipal Solid Waste — from segregation to recycling, energy recovery, and construction reuse — creating zero-waste-to-landfill ecosystems.



Anaerobic Digestion & Bio-Methanation

Anaerobic Digestion & Bio-Methanation
Decentralized plug-and-play systems like BioQUBE® and EnergyBin® transform organic waste into renewable biogas and organic manure, driving rural and urban energy independence.



Before



After

Landfill Remediation & Recovery

Advanced landfill mining technologies reclaim contaminated land, restore biodiversity, and revive ecosystems across India, Malaysia, and Southeast Asia.



Singapore | UK | Malaysia | India (New Delhi, Pune, Mumbai)



www.blueplanet.asia



info@blueplanet.asia



LUTHRA GROUP

The conglomerate, with a legacy spanning over **seven decades**, began its journey in the textiles industry and has since diversified into **environmental services, industrial infrastructure, and waste management**. It became the first private sector company in India to enter the waste infrastructure sector—focusing on construction and operations—backed by **international experience and strategic partnerships**.

Our solutions address the infrastructure, environmental & waste crisis, strengthen value creation, through **adopted Circular economy approach**

Our Operational Footprint:

- 1) **First and Largest Private sector in Sustainable Alternate Fuel facility** whereby Hazardous Industrial waste and Municipal Solid Waste is converted into **Green fuel**:
25 Facilities, catering to 16 states in India producing Sustainable Alternate Fuel
 - a. Green Fuel: Converting waste into sustainable alternative fuel
 - b. All facilities are ISO 9001: 2015, 14001: 2015, 45001: 2018 certified for Quality, Environment, Health and Safety
- 2) **Common Effluent Treatment Plants with Zero Liquid Discharge facility** whereby wastewater will be recycled and re-used: **200 MLD Capacity (25 MLD ZLD operational)**
- 3) Best-in-class **Sustainable Industrial Park / State of Art Infrastructure facility: 500 acres**
- 4) **R&D activities, Young Scientist award**, Patent holding as well as patent pending's on technological improvements
- 5) Having a customer base of nearly **8000 companies** catering to major sectors like Oil & Gas, Pharmaceuticals, Automobile, Agrochemical, Chemicals, Petro-chemicals, Shipping, Cement, Textile, dyestuff & intermediate, Plastic, Pulp & paper, Heavy engineering, etc.

Our Strengths:

- 1) **Policy Engagement and Industry Representation**: We have actively contributed to policy development by collaborating with government authorities, drafting white papers, and representing the industry through national-level chambers. Our experience also includes working on Public-Private Partnership (PPP) projects.
- 2) **Strong Technical Leadership**: Our team comprises 519 highly skilled professionals in top and middle management roles, empowered to make independent decisions to ensure timely and effective project implementation.
- 3) **Advanced IT Infrastructure**: We leverage a robust IT infrastructure and ERP software (SAP) to support efficient and streamlined business operations.
- 4) **Commitment to CSR and Environmental Excellence**: The group places a strong emphasis on Corporate Social Responsibility (CSR) and has received numerous awards for its contributions to environmental protection and resource management.

SUZLON

POWERING A GREENER TOMORROW



Suzlon is the first Indian wind energy company to reach 20 GW+ of worldwide Wind Energy installations.

15 GW Renewable energy assets supported in India

6 GW Renewable energy assets supported globally

13,125 WTGs installed

111+ Wind farms set up for customers

14 Manufacturing plants in India

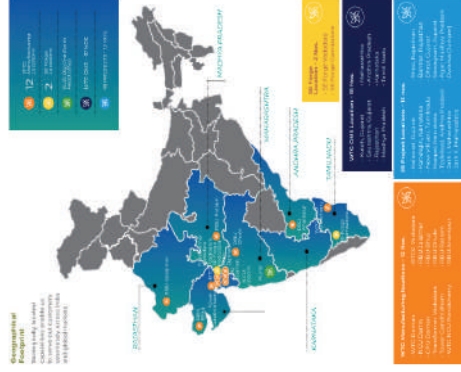
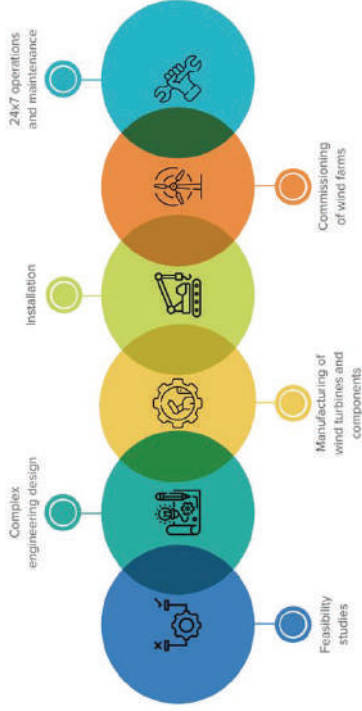
13 Project Sites

91 Operations and Maintenance sites across 9 states of India

2.X MW ± 3.X MW Series of cutting edge wind turbines

1,900+ Customers Globally

8 R&D Centres in Germany, the Netherlands, Denmark, and India







Confederation of Indian Industry

The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the development of India, partnering Industry, Government and civil society through advisory and consultative processes.

CII is a non-government, not-for-profit, industry-led and industry-managed organisation, with around 9,700 members from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 365,000 enterprises from 318 national and regional sectoral industry bodies.

For 130 years, CII has been engaged in shaping India's development journey and works proactively on transforming Indian Industry's engagement in national development. CII charts change by working closely with the Government on policy issues, interfacing with thought leaders, and enhancing efficiency, competitiveness, and business opportunities for industry through a range of specialised services and strategic global linkages. It also provides a platform for consensus-building and networking on key issues.

Through its dedicated Centres of Excellence and Industry competitiveness initiatives, promotion of innovation and technology adoption, and partnerships for sustainability, CII plays a transformative part in shaping the future of the nation. Extending its agenda beyond business, CII assists industry to identify and execute corporate citizenship programmes across diverse domains, including affirmative action, livelihoods, diversity management, skill development, empowerment of women, and sustainable development, to name a few.

For 2025-26, CII has identified "Accelerating Competitiveness: Globalisation, Inclusivity, Sustainability, Trust" as its theme, prioritising five key pillars. During the year, CII will align its initiatives to drive strategic action aimed at enhancing India's competitiveness by promoting global engagement, inclusive growth, sustainable practices, and a foundation of trust.

With 70 offices, including 12 Centres of Excellence, in India, and 9 overseas offices in Australia, Egypt, Germany, Indonesia, Singapore, UAE, UK, and USA, as well as institutional partnerships with about 250 counterpart organisations in almost 100 countries, CII serves as a reference point for Indian industry and the international business community.

Confederation of Indian Industry

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