



Eco Sustain Expo 2024

16 17 18

AUGUST 2024
HITEX, HYDERABAD

Exhibition & Conference on Solid Waste Management, Effluent Treatment, Air Pollution, and Recycling



www.ecosustainexpo.in

Organised By:



Supported By:



Eco System Partner:



concurrent Shows:



Climate change refers to long-term shifts in temperatures and weather patterns. While natural processes have played a role, human activities since the 1800s have become the primary driver of climate change. The burning of fossil fuels like coal, oil, and gas releases heat-trapping gases into the atmosphere.

Causes of Climate Change

- Generating power by burning fossil fuels contributes significantly to global emissions.
- The manufacturing industry's energy-intensive processes release emissions.
- Cutting down forests reduces the Earth's capacity to absorb carbon dioxide.
- Vehicles emit pollutants like nitrogen oxides and particulate matter, worsening air quality.
- Agriculture, particularly livestock farming, generates greenhouse gases.
- Excessive resource use and waste generation intensify environmental problems.

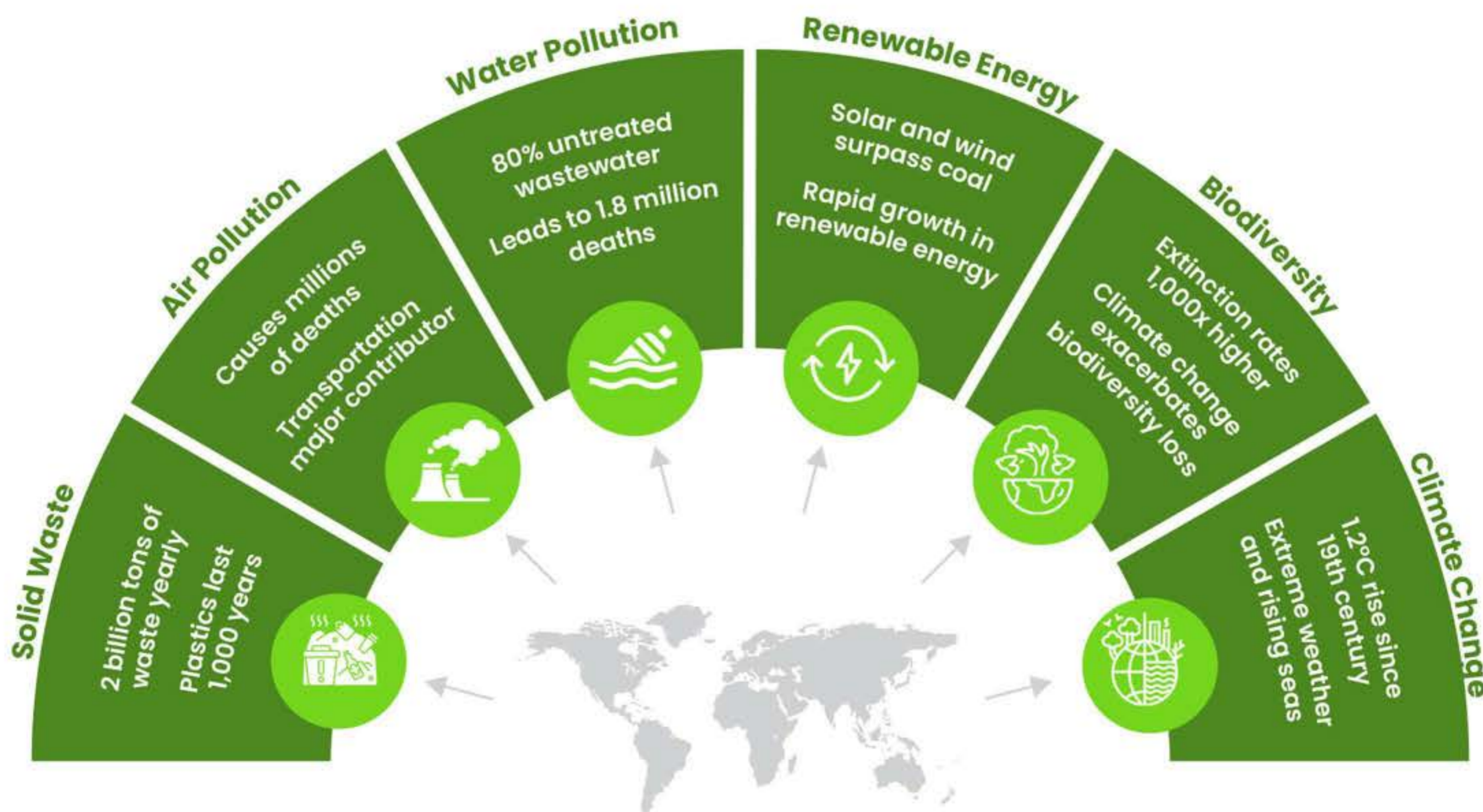
Greenhouse Effect

The greenhouse effect occurs when gases in Earth's atmosphere trap the Sun's heat, making our planet habitable. Without it, Earth would be too cold. However, human-generated greenhouse gas emissions are enhancing this effect, leading to rising temperatures.

Reducing Carbon Footprint

Reducing our carbon footprint is a shared responsibility. By making sustainable choices, like using energy-efficient appliances, reducing waste, and supporting clean energy initiatives, we can collectively work towards a greener and more sustainable future. Every small effort counts in the global fight against climate change.

Industry Facts



Recycling one ton of paper saves 17 trees 🌳, 7,000 gallons of water 💧, and 463 gallons of oil 🛢️

About The Event

Welcome to the Eco Sustain Expo, a globally recognized gathering of waste management professionals, industry leaders, policymakers, researchers, and solution providers. This event serves as a catalyst for positive change in waste management practices, driving us towards a cleaner and greener future.

Event Highlights



Carbon Footprint:

Explore strategies to reduce carbon emissions and embrace sustainable practices.



Sustainability and Circular Economy Focus:

Discover how sustainability and circular economy principles can reshape waste management.



Global Perspectives and Collaboration:

Engage with international experts to gain diverse insights and foster global collaborations



Expert Keynote Speakers:

Learn from industry leaders and engage in thought-provoking discussions.



Engaging Panel Discussions:

Participate in thought-provoking discussions.



Cutting-Edge Exhibition:

Witness the latest innovations and technologies transforming the waste management landscape.



B2B Networking Opportunities:

Connect with like-minded professionals and organizations to explore synergies.



Workshops and Training Sessions:

Enhance your skills and knowledge through practical workshops and training.



Research Presentations:

Gain insights into cutting-edge research driving advancements in waste management.



Innovation Arena:

Where brilliant minds come together to redefine what's possible, shaping a brighter future.

At the Eco Sustain Expo, we're dedicated to shaping a sustainable future by bringing together the brightest minds and innovative solutions. Join us in this transformative journey towards a cleaner, greener world.

Welcome to HITEX, where sustainability meets innovation in the world of events and exhibitions. In an era marked by environmental awareness and the need for responsible practices, HITEX stands as a beacon of change in the industry.

Our Commitment to Sustainability

At HITEX, we understand the critical role the events and exhibitions industry plays in our economy. It's not just about hosting gatherings; it's about shaping a future that's sustainable and responsible.

HITEX has taken an even bigger step towards sustainability by initiating the Kotha Cheruvu Lake rejuvenation and conservation project. This project aims to reduce pollution levels, improve water quality, and provide recreational space while supporting local ecosystems.

The Growing Industry and Environmental Responsibility

The events and exhibitions industry in India is on an upward trajectory, projected to grow significantly in the coming years. However, this growth also brings forth challenges such as waste generation, energy consumption, and carbon emissions. HITEX acknowledges these challenges and is dedicated to mitigating their impact.

Our Sustainable Practices

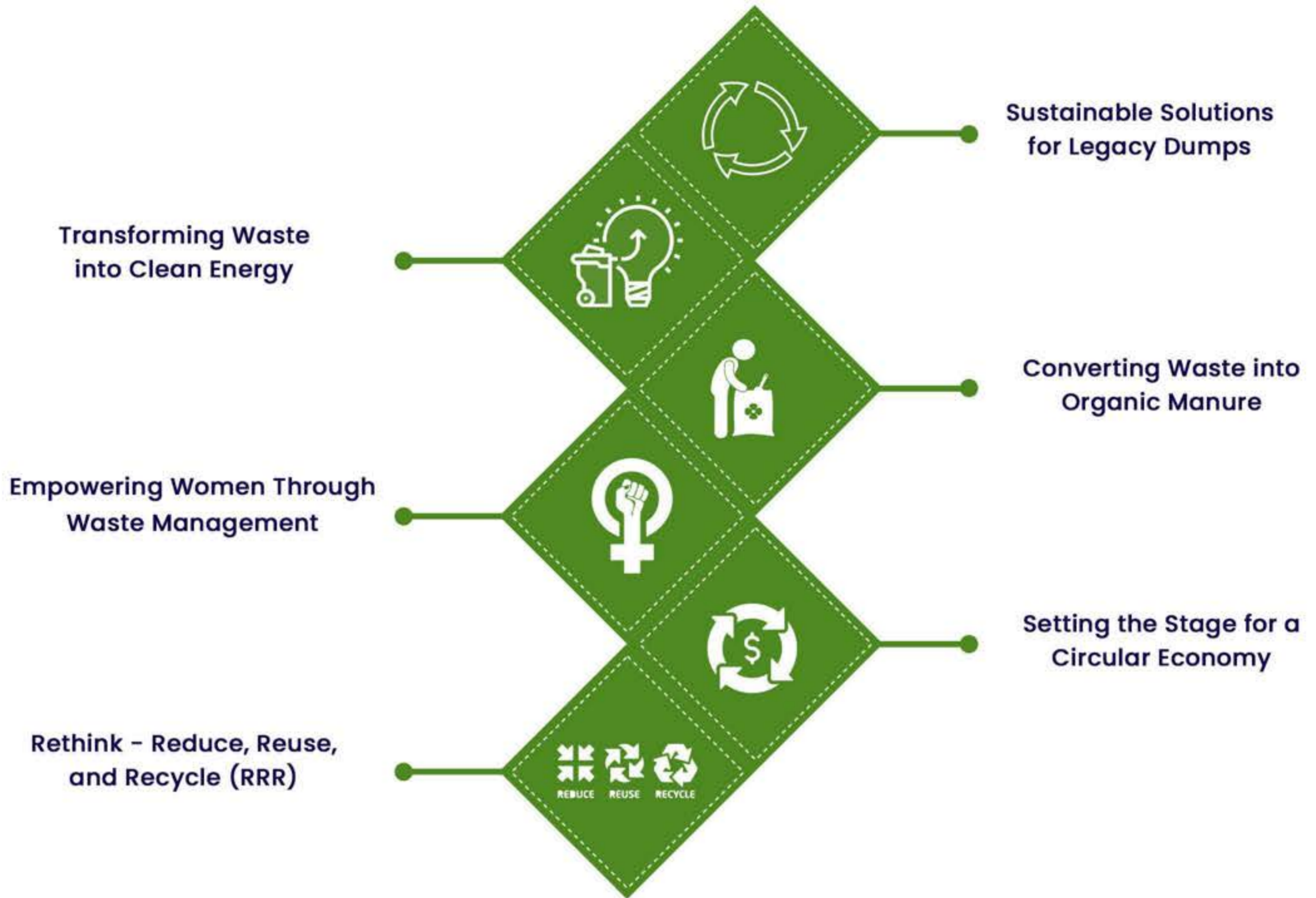
HITEX is all about implementing sustainable practices that can make a real difference.

Here's how we are contributing:

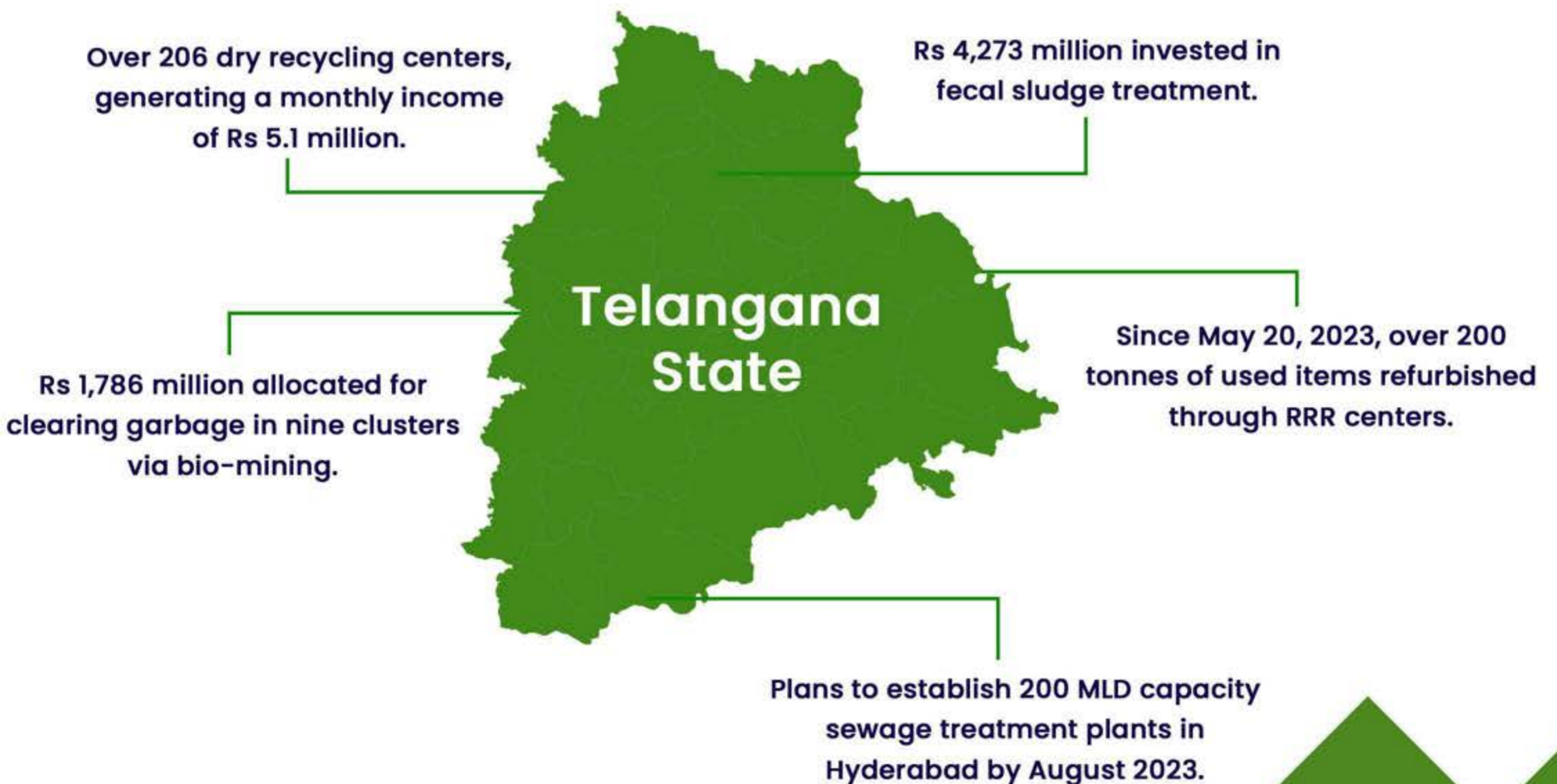
Green Venue Selection:

Prioritizing eco-friendly venues





Impressive Statistics





Waste Management Equipment

- ▶ Trash Compactor
- ▶ Balers
- ▶ Waste Shredders
- ▶ Incinerators
- ▶ Waste Sorting Systems
- ▶ Bins and Containers
- ▶ Waste Collection Vehicles
- ▶ Hazardous Waste Storage Containers
- ▶ Composting Equipment
- ▶ Food Waste Converter
- ▶ Solid Waste Management (Plastic, Paper, Rubber & Tyre, Batteries, Ferrous and Non-Ferrous Metals, E-Waste, Construction Waste and others)
- ▶ Plastic Extruders
- ▶ Waste to Energy (Bio Fuels & others)
- ▶ Waste Treatment Technologies
- ▶ Material Handling Equipment
- ▶ Landfilling Equipment



Effluent Treatment

- ▶ Water Treatment Plants
- ▶ Water Treatment Chemicals
- ▶ Effluent Treatment Systems
- ▶ Wastewater Management
- ▶ Sewage & Sludge Treatment
- ▶ Primary and Secondary Treatment Tanks & Systems
- ▶ Aeration Systems
- ▶ Clarifiers
- ▶ Filtration Systems
- ▶ Disinfection Units
- ▶ Sludge Dewatering Equipment



Cleaning and Sanitation

- ▶ Space Cleaning Machines & Systems
- ▶ Road Sweepers
- ▶ Garbage Compactors
- ▶ Vehicles for Waste Management & Transportation
- ▶ Vacuum Emptier
- ▶ Lake & River Cleaning Equipment
- ▶ Vacuum Cleaners
- ▶ Mops and Brooms
- ▶ Sweepers
- ▶ Pressure Washers
- ▶ Steam Cleaners
- ▶ Scrubbers
- ▶ Window Cleaning Tools
- ▶ Dusters
- ▶ Odour Control Equipment
- ▶ Disinfectants
- ▶ Sanitizers
- ▶ Antibacterial Wipes
- ▶ Air Fresheners
- ▶ Cleaning chemicals
- ▶ Trash Bins & Bags



Recycling

- ▶ Recycling Equipment and Machinery
- ▶ Granulators
- ▶ Sorting Systems
- ▶ Crushers
- ▶ Technology and solutions related to Metals, E-waste, Plastic, Paper, Glass, Rubber & Tyre, Construction Waste, Batteries etc.
- ▶ Magnetic Separators
- ▶ Recycling Bins
- ▶ Recycling Services and Consultancy
- ▶ Recycling Process Optimization
- ▶ Magnetic Separators
- ▶ Recycling Bins
- ▶ Recycling Services and Consultancy
- ▶ Recycling Process Optimization



Air Pollution

- ▶ Pollution Control Equipment
- ▶ Air Purifier
- ▶ Environmental Monitoring Instrument
- ▶ Pollution Checking Equipment
- ▶ Dust Collector
- ▶ Anti-Smog Gun
- ▶ Environment Protection Services
- ▶ Particulate Matter (PM) Control
- ▶ Gas Scrubbers and Absorbers
- ▶ Catalytic Converters
- ▶ Selective Catalytic Reduction



Others

- ▶ Laboratory and Testing Equipment
- ▶ Monitoring and Control Systems
- ▶ Research & Development
- ▶ Safety Equipment for waste handlers
- ▶ Technical Institutes
- ▶ Project Finance Companies
- ▶ Biotechnologies
- ▶ Environmental Engineering Companies
- ▶ Automation & AI

Visitor Profile

- Industrial Users from manufacturing industries like Pharma, Chemical, Plastics, Food,
- Agriculture, Engineering, Power, Cement, Mines & Minerals, Petrochemical etc
- Waste Management Companies
- Hospitals
- Hotel & Restaurant
- Dealers and Distributors, Retailers and Suppliers of Waste management products
- Environment Equipment Manufacturers
- Government Policy Makers
- Pollution Control Boards
- Public Sector Undertaking (PSU's)

- Environment Monitoring Authorities
- Public Health Departments
- Municipalities and Development Authorities
- Urban Planners & Facility Management Companies
- Environment Consultants & Engineers
- Builders, Developers & Architects
- Recycling Companies
- Sewage Treatment Professionals
- Education and Research Institutes
- Trade Association, NGO, Media Publication
- All other industry stakeholders



