Eco Sustain Expo 2024

Sustainable Solutions for a Greener Tomorrow

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MARCH 2024

HITEX, HYDERABAD

Organised By:

HITEX
AceUrban Group

Explore the Future of Sustainability

www.ecosustainexpo.in

Understanding Climate Change and Sustainability

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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

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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

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.

Expert Keynote Speakers:
Learn from industry leaders and engage in thought-provoking discussions.

Engaging Panel Discussions:
Participate in thought-provoking discussions.

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.

For more details visit our website: **www.ecosustainexpo.in**

Sustainability at HITEX

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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

Hybrid Events:
Embracing eco-friendly options

Energy Efficiency:
Using LED lighting and renewables

Stakeholder Engagement:
Promoting sustainability

Waste Management:
Responsible waste practices

Digital Solutions:
Reducing paper use

Sustainable Materials:
Eco-friendly event materials

Efficient Logistics:
Minimizing transportation impact

- **Pharmaceuticals, Chemicals, Biotech:** Telangana leads in cutting-edge life sciences and biotech innovations
- **Food & Agriculture:** Fertile lands drive food security and sustainable farming in Telangana.
- **Fishing & Poultry:** The state excels in aquaculture and poultry production
- **Mining:** The state's mineral wealth fuels infrastructure growth.
- **Cement:** Telangana powers India's construction boom with a robust cement industry.
- **Hospitals:** Accessible healthcare thrives in Telangana.
- **Hotels & Restaurants:** A diverse culinary scene welcomes all in Telangana.
- **IT:** A tech hub, Telangana drives innovation and economic growth

Opportunity: Telangana

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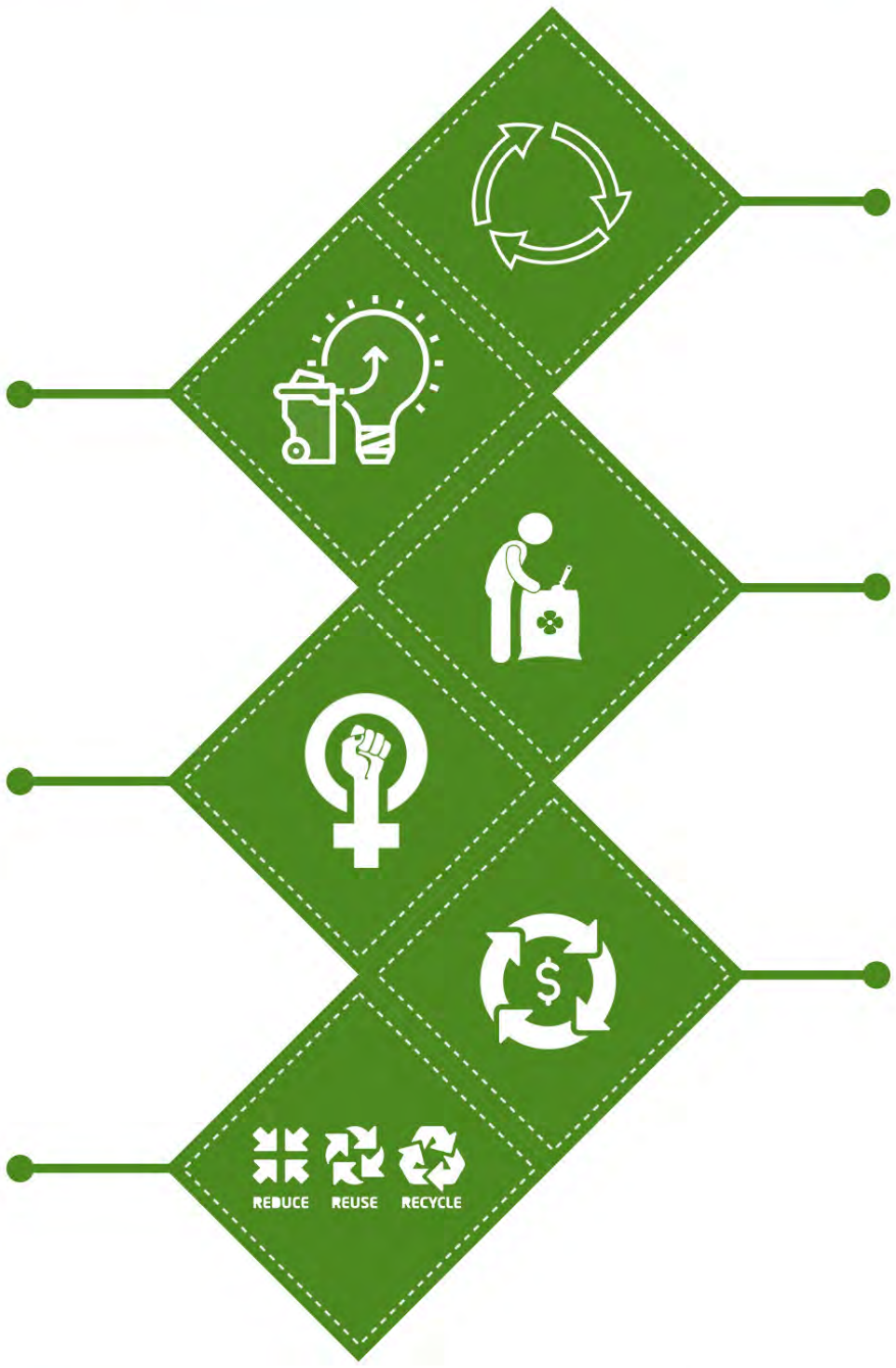


Transforming Waste into Clean Energy

Sustainable Solutions for Legacy Dumps

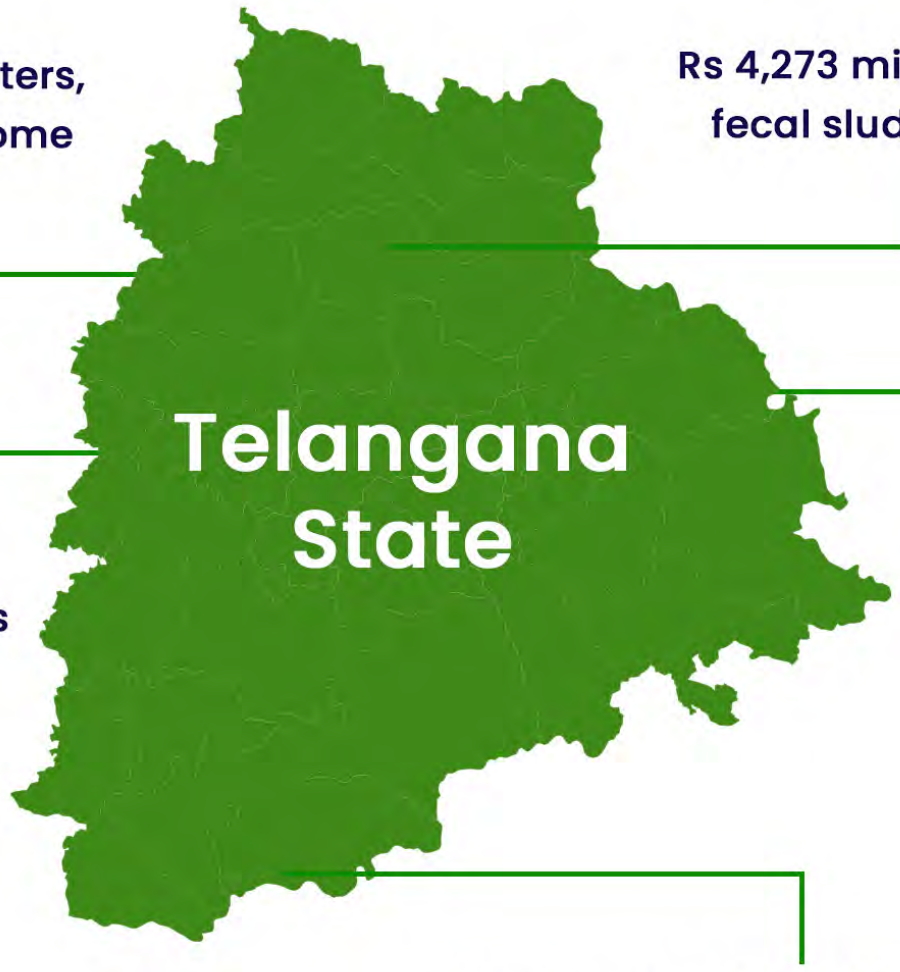
Empowering Women through Waste anagement

Converting Waste into Organic Manure

Rethink - Reduce, Reuse, and Recycle (RRR)

Setting the Stage for a Circular Economy

Impressive Statistics



Over 206 dry recycling centers, generating a monthly income of Rs 5.1 million.

Rs 4,273 million invested in fecal sludge treatment.

Rs 1,786 million allocated for clearing garbage in nine clusters via bio-mining.

Since May 20, 2023, over 200 tonnes of used items refurbished through RRR centers.

Plans to establish 200 MLD capacity sewage treatment plants in Hyderabad by August 2023.

For more details visit our website: **www.ecosustainexpo.in**

Exhibitor Profile

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Sustainable Solutions for a Greener Tomorrow

Waste Management Equipment

- Material Recycling Machine & Equipment
- Food Waste Converter
- Solid Waste Management (Plastic, Paper, Rubber & Tyre, Batteries, Ferrous and Non-Ferrous Metals, E-Waste, Construction Waste and others)
- Waste to Energy Biofuel Products
- Boilers, Heat Exchangers & Pressure Vessels
- Sorting equipment
- Material Handling Equipment
- Conveyors Systems
- Safety Equipment for waste handlers
- Waste Treatment Technologies

Effluent Treatment

- Water Conservation Technology
- Water Pollution Monitoring
- Water Treatment Plants
- Water Treatment Chemicals
- Effluent Treatment Systems
- Wastewater Management
- Sewage & Sludge Treatment
- Water Testing Labs & Equipment's
- Water Storage Tanks
- Cooling Towers
- Rainwater Harvesting

Cleaning and Sanitation

- Space Cleaning Machines & Equipment and Systems
- Road Sweepers
- Garbage Compactors
- Vehicles for Waste Management & Transportation
- Vacuum Emptier
- Lake & River Cleaning Equipment
- Landfilling Equipment
- Odour Control Equipment
- Garbage Bins

Recycling

- Recycling Equipment and Machinery
- Recycling Technology and Solutions
- Recycling Services and Consultancy
- Recycled Materials and Products (Plastic, Paper, Rubber & Tyre, Batteries)
- Recycling Process Optimization
- Sustainable Packaging
- Research and Development

Air Pollution

- Pollution Control Equipment
- Air Purifier
- Environmental Monitoring Instrument
- Pollution Checking Equipment
- Dust Collector
- Anti-Smog gun
- Environment Protection Services

Others

- Laboratory and Testing Equipment
- Research & Development
- Technical Institutes
- Project Finance Companies
- Biotechnologies
- Environmental Engineering Companies
- Automation & AI

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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

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Exhibition Space and Cost

Space Type	Domestic	Foreign
Shell Space	INR.8000 per sqmt	$220
Raw Space	INR.7000 per sqmt	$200

For Space Bookings / Sponsorship / Advertising, Please Contact

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