



Confederation of Indian Industry

11th International Conference on Waste to Worth Technologies

Accelerating Circular Economy Through Innovative Waste-to-Worth Technologies

26 November 2026: The Lalit Hotel, New Delhi

Program Grid

0830 - 1000 Hrs	Registration
1000 - 1100 Hrs	Inaugural Session
1100 – 1200 Hrs	Session1: Rethinking the Framework for a Circular and Low-Carbon Economy
1200– 1245 Hrs	Session 2: From Refuse to Responsibility: Driving Sustainable Consumption and Waste Prevention
1245 - 1330 Hrs	Session 3: From Design to Recovery: Circular Solutions for Renewable Energy Systems
1330 - 1430 Hrs	Lunch Break
1430 – 1530 Hrs	Session 4: Harnessing AI to Transform the Next Generation of Circular Value Chains
1530- 1630 Hrs	Session 5: Global Perspectives on Waste-to-Worth: Policies, Technologies and Successful Case Studies
1630– 1700 Hrs	7 th edition of CII 4 R Awards
1700-1715 Hrs	Tea/ Coffee Break and Close of the Day



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1100 - 1200 Hrs	Session 1: Rethinking the Framework for a Circular and Low-Carbon Economy <i>As India advances towards its Net Zero 2070 commitment, a robust policy and institutional framework is essential to accelerate the transition to a circular and low-carbon economy. Building on the Circular Economy Frameworks, this session will explore how policy, regulation, financing, and industry collaboration can create an enabling ecosystem for circularity.</i> <i>The session will highlight emerging policy priorities, sectoral roadmaps, regulatory reforms, market-based instruments, financing mechanisms, and public-private partnerships that can drive resource efficiency and industrial decarbonization. Discussions will also examine how circular economy principles can be integrated into manufacturing, infrastructure, urban development, and climate strategies to strengthen India's global competitiveness while ensuring sustainable economic growth.</i>
1200 - 1245 Hrs	Session 2: From Refuse to Responsibility: Driving Sustainable Consumption and Waste Prevention <i>Achieving a circular economy begins with preventing waste at its source and transforming the way products are designed, consumed, and managed throughout their lifecycle. Moving beyond waste management, this session focuses on creating a culture of responsible production and consumption that minimizes resource use and maximizes value recovery.</i> <i>The session will highlight innovative approaches to waste prevention, sustainable product design, eco-labelling, resource-efficient manufacturing, behavioural change, Extended Producer Responsibility (EPR), green procurement, and circular business models. It will also explore the role of policy, industry leadership, consumer awareness, and digital technologies in reducing waste generation and promoting responsible consumption across value chains.</i>
1245 - 1330 Hrs	Session 3: From Design to Recovery: Circular Solutions for Renewable Energy Systems <i>India's rapid expansion of renewable energy presents unprecedented opportunities while creating new challenges associated with end-of-life management of solar panels, batteries, wind turbines, and critical raw materials. Developing circular solutions for renewable energy technologies is essential to ensure long-term sustainability, resource security, and environmental protection.</i> <i>The session will highlight circular product design, life-cycle assessment, repair and refurbishment strategies, recycling technologies, critical mineral recovery, battery circularity, and sustainable manufacturing practices. Experts will discuss policy frameworks, producer responsibility, technological innovations, and investment opportunities that can enable circular renewable energy systems</i>



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	<i>while reducing dependence on virgin materials and strengthening resilient supply chains.</i>
1430 - 1530 Hrs	Session 4: Harnessing AI to Transform the Next Generation of Circular Value Chains <i>Artificial Intelligence is emerging as a transformative enabler of the circular economy by enhancing efficiency, transparency, and data-driven decision-making across resource value chains. From intelligent waste segregation to predictive resource management, AI is creating new opportunities to optimize material flows and unlock circular business models.</i> <i>The session will highlight AI-driven waste analytics, smart sorting technologies, digital product passports, predictive maintenance, material traceability, intelligent supply chain management, robotics, Internet of Things (IoT), digital twins, and advanced data platforms. Discussions will focus on how digital technologies can improve resource productivity, enable real-time decision-making, reduce operational costs, and accelerate the transition towards smart, resilient, and circular industries.</i>
1530 - 1630 Hrs	Session 5: Global Perspectives on Waste-to-Worth: Policies, Technologies and Successful Case Studies <i>Countries around the world are demonstrating how innovative policies, advanced technologies, and collaborative governance can successfully transform waste into valuable resources while advancing climate and circular economy objectives. Learning from global experiences can help accelerate India's own Waste-to-Worth journey.</i> <i>The session will highlight international policy frameworks, successful circular economy models, waste-to-resource technologies, waste-to-energy solutions, industrial symbiosis initiatives, Extended Producer Responsibility (EPR) practices, financing models, and breakthrough innovations from leading countries. Through expert insights and real-world case studies, the session will identify best practices, lessons learned, and collaborative opportunities that can support India's transition towards a resource-efficient, low-carbon, and globally competitive circular economy.</i>