



Office of the Principal Scientific Adviser  
to the Government of India



**On the occasion of World Environment Day**

## **Symposium on Technologies Enabling Waste to Worth Transformation**

*Shaping a Resilient Tomorrow through a Circular Economy*

06 June 2025: Gulmohar Hall; India Habitat Centre, New Delhi

### **Program**

Timings	Session Name
0830 - 1000 Hrs	Registration/ Tea & Coffee
1000 - 1030 Hrs	Opening Session
1030 - 1130 Hrs	Session1: Shaping a Sustainable, Plastic-Free Future Through Circular Solutions
1130 - 1215 Hrs	Session 2: Greener Tomorrow Starts with Smarter E-Waste and Battery Solutions
1215 - 1300 Hrs	Session 3: Unlocking the True Value of Waste with Smart Municipal Waste Approaches
1300 - 1345 Hrs	Session 4: Advancing Circular Economy by Managing India's Emerging Waste Streams
1345 - 1445 Hrs	Lunch Break



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### **Opening Session**

1000 – 1008 Hrs	Welcome Address	<b>Mr Masood Mallick</b> Chairman, CII National Committee on Waste to Worth Technologies, Managing Director & CEO, Re Sustainability
1008-1015 Hrs	Address	<b>Mr Prashant Sood</b> Head – Organizational Affairs & Communication Luthra Group
1015-1025 Hrs	Special Address	<b>Mr Amit Verma</b> Director NITI Ayog
1025 - 1030 Hrs	Concluding Remarks	<b>Mr R Saha</b> Senior Advisor Confederation of Indian Industry



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1030 - 1130 Hrs	<p><b>Session 1:</b> Shaping a Sustainable, Plastic-Free Future Through Circular Solutions</p> <p><i>This year, World Environment Day's critical theme is "Ending Plastic Pollution," Today's Symposium is bringing together industry leaders, policymakers, and sustainability experts to discuss actionable solutions. Central to the event will be a detailed exploration of The Confederation of Indian Industry's (CII) National Circular Economy Framework (NCEF), which addresses 16 key waste streams among 11 waste streams identified by NITI Aayog, with a special emphasis on tackling plastic packaging waste.</i></p> <p><i>The session will highlight the progress made in implementing the NCEF, highlighting successful initiatives around biodegradable materials, reusable systems, and innovative circular designs. The discussion will also emphasize the importance of strong regulatory frameworks, Extended Producer Responsibility (EPR), and corporate commitments to sustainability as vital drivers of change. The discussions will lead to get a clear roadmap for accelerating circular economy practices and fostering collaborative efforts to significantly reduce plastic pollution and promote sustainable development across India.</i></p> <p><b>Moderator:</b> Mr Masood Mallick, Chairman, CII National Committee on Waste to Worth Technologies and Managing Director, Re Sustainability</p> <p><b>Speakers:</b></p> <p><b>Mr Varun Kharad</b>, Co-Founder, REnergy Dynamics</p> <p><b>Mr Ashhok Kapoor</b>, Advisor - Policy &amp; Strategy, Organic Recycling Systems Ltd</p> <p><b>Mr Thota Krishna Rao</b>, Senior Vice President, Re-Sustainability Ltd</p>
1130 - 1215 Hrs	<p><b>Session 2:</b> Greener Tomorrow Starts with Smarter E-Waste and Battery Solutions</p> <p><i>The session will delve on CII NCEF's implementation journey has made significant progress in electronic industry, and the upcoming edition aims</i></p>



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*to deepen integration and scalability. The session highlighted how the global community is increasingly adopting innovative and cost-effective waste management solutions, especially within the electronics and battery sectors.*

*Key discussions centered on circular design, responsible sourcing, sustainable battery disposal, recycling, and Extended Producer Responsibility (EPR). Emphasis was placed on advancements in material recovery, reuse, and recycling, supported by successful case studies that demonstrate how NCEF recommendations on technology, regulation, and collaboration can drive meaningful and scalable impact toward a greener, more resilient future.*

**Moderator: Mr Pratyush Sinha**, VP of Special Projects, Lohum

### Speakers:

**Dr Hafsa Ahmad**, Scientist 'D', Office of the Principal Scientific Adviser to the Government of India

**Dr Reva Prakash**, Technical Advisor-Climate Change and Circular Economy, GIZ-India

**Dr Papiya Mondal**, Senior Scientist, CSIR NEERI, Delhi

1215 - 1300 Hrs

**Session 3:** Unlocking the True Value of Waste with Smart Municipal Waste Approaches.

*The session will highlight the significant progress made by Confederation of Indian Industry's National Circular Economy Framework (NCEF) in municipal solid waste management, showcasing its implementation journey and preparing for a stronger focus on integration and scalability in the next phase. It will emphasize NCEF's key recommendations and strategic approaches, demonstrating how sustainable technological advancements are vital for effective waste management.*

*The discussion will delve into modern strategies that reduce reliance on landfills by encouraging waste segregation, recycling, composting, and the use of eco-friendly technologies. By adopting circular economy principles "Treating waste as a valuable resource" environmental impacts can be minimized while generating economic benefits. The session will also focus*



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*on future roadmap for implementation the NCEF's recommendation to accelerate circular economy practices and promote collaboration across India, aiming to significantly reduce municipal waste and enhance circularity nationwide.*

**Moderator: Mr Thota Krishna Rao**, Senior Vice President, Re-Sustainability Ltd

### Speakers:

**Mr Deepak Sar**, Strategic Advisor, Blue Planet Environmental Solutions

**Mr Ashish Vaishnav**, Director & CEO, Gangotree Energy Projects Pvt Ltd

**Ms Swati Singh Sambyal**, Senior Circular Economy & Partnerships Expert, GRID-Arendal

**Mr Brijesh K Yadav**, Professor, IIT Roorkee

**Dr Shakuntala Srivastava**, Director MOH Public Health, NDMC

1300 - 1345 Hrs

### **Session 4:** Advancing Circular Economy by Managing India's Emerging Waste Streams

*This session will focus on new and emerging waste streams in India, including Textile, scrap metal, liquid waste, solar panels, gypsum, tyre, and end-of-life vehicles (ELVs) etc, highlighting the challenges and opportunities in their effective management. The discussion will also explore how the Confederation of Indian Industry's National Circular Economy Framework (NCEF) recommended action plan can play a pivotal role in addressing these challenges.*

*The action plan emphasizes developing robust collection and segregation systems, promoting advanced recycling technologies, strengthening regulatory frameworks, and fostering collaboration between stakeholders. By adopting these strategies, with aims to enhance resource recovery, minimize environmental impact, and support the transition towards a circular economy model, thereby ensuring sustainable management of these critical waste streams across India.*



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**Moderator: Mr Thota Krishna Rao**, Senior Vice President, Re-Sustainability Ltd

**Speakers:**

**Dr Asit Mandal**, Sr Scientist, ICAR-IISS Bhopal

**Mr Ashish Jain**, Director, IPCA

**Ms Sonal Pareek Kaushik**, Senior Vice President, Aditya Birla Group

**Mr Ashish Mehta**, Vice President, Luthra Group

**Ms Aparajita Agarwal**, Senior Manager, Regulatory Affair, Tata Steel