



Confederation of Indian Industry

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WASTE TO WORTH

NEWSLETTER



Our Vision

Fostering a Circular Future through Effective Waste Management in India

Key Highlights

Key Policy Release:

- National Circular Economy Framework ed.- 3
- White paper on top issues in Waste to Worth Sector

Key recommendations:

- Lack of Solar panel waste policy
- Lack of domestic Li-ion battery manufacturing and refining
- Professional Certification on Waste Innovation for Sustainable Economy (ProWISE) Batch 1
- Young 4R (Reduce-Reuse-Recycle-Repair) Awards
- Domestic Learning Mission
- International Mission
- Symposium on World Environment Day
- International Conference

CII Waste to Worth Technologies enabling industries to reduce waste, recover resources and, adopt circular business models, it lowers environmental impact while enhancing productivity and competitiveness.

● Our Mission

The Government of India has launched the Mission LiFE (Lifestyle for Environment) to promote a circular economy, built on the principles of Reduce, Reuse and Recycle.

As a resource-intensive nation with a rapidly growing population, India is well-positioned to lead the global circular economy, advancing its sustainable growth and social equity. This transition reduces waste, conserves resources, combats climate change, and supports India's Nationally Determined Contributions (NDC) commitments and the UN Sustainable Development Goals (SDGs).

The Confederation of Indian Industry (CII) furthers this vision through its "Waste to Worth Movement", promoting waste management technologies and circular practices to help businesses lower environmental impact and drive sustainability through collaborative action.



National Committee on Waste to Worth

The CII National Committee on Waste to Worth is an initiative by the Confederation of Indian Industry aimed at promoting sustainable waste management practices in India. The committee focuses on transforming waste into valuable resources, thereby contributing to environmental protection and economic growth. The committee has more than 80 members from industry, R&D labs and Educational Institutes.



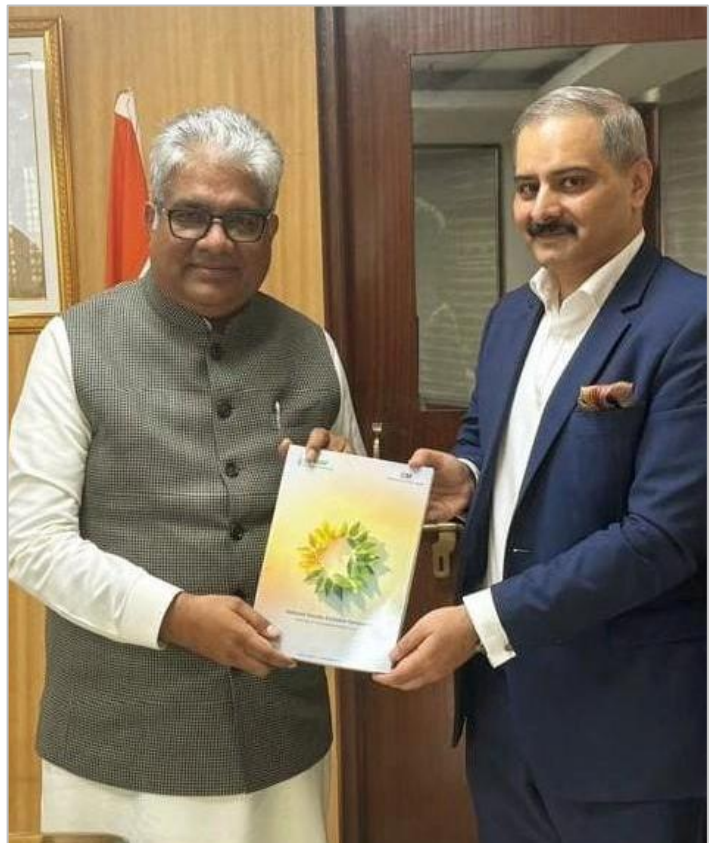
Mr Masood Mallick

Chairman, CII National Committee on Waste to Worth 2025, CEO & MD, Resustainability Limited



Mr Prashant Singh

Vice-Chair, CII National Committee on Waste to Worth 2025, CEO, Blue Planet Environmental Solutions



National Circular Economy Framework ed.- 3 submitted to Sh. Bhupendra Yadav, Union Minister Ministry of Environment, Forest and Climate Change, GOI by Mr Masood Mallick, Chairman, CII National Committee on Waste to Worth Technologies and MD & CEO, Resustainability Limited

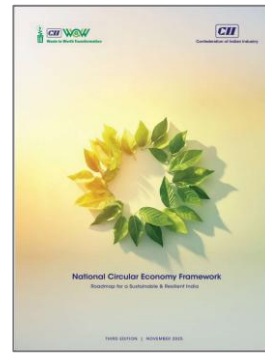
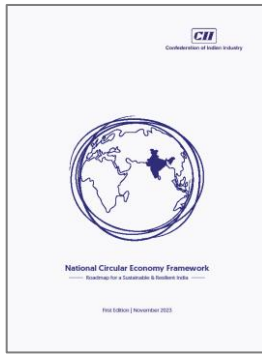
Five (05) sub-committees under this committee are constituted in 2025:

1. National Circular Economy Framework ed.- 3
2. Sectoral paper on Waste to Worth Technologies
3. Online Platform
4. Waste Management Rating System
5. Professional Certification Course on Waste to Value

Policy Advocacy

One of the key highlights of policy advocacy was the release of “National Circular Economy Framework (NCEF) ed.- 3” which serve as a valuable resource for policymakers, industry leaders, researchers, and other stakeholders committed to advancing sustainable waste management practices in India.

It builds on the first two editions: While the Edition 1 introduced the foundational narrative in 2023. Edition 2 (2024) expanded analysis to 16 materials. The Edition 3 (2025) takes a delivery-focused approach with material-specific action plans and measurable targets.



National Circular Economy Framework Edition 1, 2, 3 and White paper on top issues in India related to Waste to Worth Sector

Key features of National Circular Economy Framework ed.- 3:

1. It covers 20 priority materials like plastics, construction materials, e-waste, textiles, batteries, used cooking oil, catalytic converters, paper/cardboard, absorbent hygiene products, and more.



Interactions with Sh. Nitin Gadkari, Union Minister, Road Transport and Highways, GOI video address during inaugural session of 10th Edition of International Conference on Waste to Worth Technologies [Link](#)

2. Implementation focus: Each material chapter lays out includes Baseline and value chain analysis, Gaps and challenges, SMART targets for 2030 and beyond, Actionable implementation pathways (policy, standards, Extended Producer Responsibility, infrastructure, stakeholder roles).
3. Alignment with national goals: Supports India's national missions such as Lifestyle for Environment (LiFE) and Atmanirbhar Bharat, and the vision of a resource-secure, sustainable economy by 2047.

The 3rd ed. of NCEF was released during 10th Edition of CII International conference on Waste to Worth Technologies and submitted to Sh. Bhupendra Yadav, Union Minister Ministry of Environment, Forest and Climate Change, GOI.

Top 5 recommendations given by NCEF ed. 1, 2, 3 and White Paper on Top issues in India related to Waste to Worth Sector are as follow:

1. Need for a comprehensive Solar panel waste policy
2. Lack of domestic Li-ion battery manufacturing and refining
3. In availability of a Robust Market and Buyback Mechanism
4. Insufficient exposure and promotion of Circular Economy Parks
5. Land Availability for Waste Processing and Resource Recovery

International Mission on Waste to Worth



The Confederation of Indian Industry (CII) led a high-level delegation of CEO's and CTO's along with senior professionals from industry & academia on the "Waste to Worth Technologies" Mission to Singapore from 19th to 23rd May 2025. The primary objective of the mission was to foster bilateral collaboration between Indian and Singaporean industries in the Waste-to-Worth sector.



Chairman of the CII National Committee on Waste to Worth Technologies with the Mission Members at RVAC Pte Ltd – Resustainability Singapore (Cleantech)

The objective of the mission was to foster bilateral collaboration between Indian and Singaporean industries in the waste-to-worth (WTW) sector. The focus areas included joint research, technology transfer, trade, investment, and the signing of MoUs to enhance industrial competitiveness and sustainable development in both countries.

Key features of the Mission:

1. It comprises around 26 delegates from industry, academia, start-ups, and research institutions, the mission provided a valuable platform for networking and collaboration.
2. Participants engaged with top Singaporean corporate leaders, representatives from incineration and recycling facilities, government agencies, and academic experts from renowned institutions.

10th International Conference on W2W

The CII National Committee on Waste to Worth, in collaboration with the Office of the Principal Scientific Adviser (PSA), the Ministry of Environment, Forest and Climate Change, and Mission LiFE, organized the 10th International Conference on Waste-to-Worth.

The conference brought together 300+ delegates from government, industry, startups, academia, and research institutions. The conference was inaugurated by Sh. V. K. Chaurasia, Advisor in-Charge, CPHEEO, Ministry of Housing and Urban Affairs, GoI in presence of Mr. Masood Mallick, Prof Anil Gupta, and Mr. Prashant Singh. Sh. Nitin Gadkari, Union Minister for Road Transport and Highways, sent a message and emphasized on converting waste and agricultural biomass into clean energy to reduce pollution, curb crop-residue burning, and advance India's circular economy.

The conference featured discussions among experts from India, Japan, and Singapore on governance frameworks, circular economy transitions, technology innovations, IP partnerships, global waste-management best practices, and the role of Carbon Capture, Utilization and Storage (CCUS) in achieving circularity.



Inaugural Session during conference

Release of National Circular Economy Framework ed. - 3



6th 4R Award (Reduce-Reuse-Recycle-Repair)

The Confederation of Indian Industry (CII) felicitated top 25 organizations with the CII 4R Awards 2025 during the conference and sixth edition, the CII 4R Awards recognize excellence in Reduce, Reuse, Recycle, and Repair initiatives that promote circular economy principles and sustainable waste management. The awards celebrate organizations demonstrating innovation, impact, and leadership in transforming waste into valuable resource.



Nearly 50 organizations were felicitated at the 6th edition of the CII 4R Awards 2025 that recognize and celebrate organizations demonstrating outstanding leadership in Reduce, Reuse, Recycle, and Repair (4R) practices. A Compendium of Best Practices highlighting innovative circular economy models and scalable waste-to-worth solutions was also released during the conference.

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Mr Masood Mallick, Chairman, CII National Committee on Waste to Worth Technologies and Managing Director, Re Sustainability; Prof. Anil K. Gupta, Chairman, CII 4R Awards and Mr Prashant Singh, Vice-Chairman, CII National Committee on Waste to Worth Technologies, Co-Founder & CEO, Blue Planet Environmental Solutions Launched CII Compendium on India's leading companies in managing waste

Young 4R award

The conference also witnessed the maiden launch of Young 4R Awards. The award aims to motivate young minds and promote sustainability and waste management. Focused on the principles of the circular economy—Reduce, Reuse, Recycle and Repair.



Awardee of 6th Edition of CII 4R Award 2026 (Reduce - Reuse - Recycle - Repair)



Symposium – World Environment Day

The World Environment Day was hosted by the Republic of Korea on Jeju Island under the theme “Beat Plastic Pollution,” focusing on reducing single-use plastics, strengthening recycling, and advancing circular economy solutions.

Aligning with this global agenda and India’s Net Zero 2070 goal, the Confederation of Indian Industry (CII) hosted a symposium titled “Technologies Enabling Waste to Worth Transformation” under the theme Shaping a Resilient Tomorrow through a Circular Economy, highlighting the role of technology in converting waste into valuable resources.

The symposium also discussed the National Circular Economy Framework (NCEF) by CII, outlining milestone targets across sixteen sectors—including plastics, textiles, and e-waste—to drive resource efficiency and unlock economic and environmental value.



2nd Exhibition on W2W

The Conference witnessed the 2nd edition of CII exhibition focused on promoting “Waste to Worth” technologies. This groundbreaking exhibition brought together 11 innovative exhibitors who showcased their advanced technologies in 11 dedicated stalls.

The initiative aims to highlight the potential of transforming waste materials into valuable resources, underscoring the importance of sustainability and innovation in tackling environmental challenges.



Capacity Building: ProWISE

The 10th conference also featured insightful discussions from key figures. CII also launched ProWISE, a professional development course on waste innovation for sustainable economy. The course will be delivered by globally renowned faculty and will equip professionals with cutting-edge expertise in waste management, resource efficiency, and sustainable innovation to build a greener, more resilient future.



Launch of CII ProWISE during 10th International Conference on Waste to Worth Technologies

Waste to Worth Movement into Action





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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