



# Global Symposium on Resource Efficiency & Circular Economy

## Scaling Resource Efficiency & Circular Economy: Pathway for Global Sustainability

### 24-25 March 2025, The Lalit Hotel, New Delhi

#### Day 1 – 24 March 2025

09:15-09:45	Registration
09:45- 11:00	<b>Inaugural Session</b>
	<ul style="list-style-type: none"> <li>• <b>Welcome Address</b> - Ms. Abha Seth, Assistant Secretary General, FICCI</li> <li>• <b>Conference Address</b> - Mr. Manish Sharma, Chair, RECEIC Steering Committee &amp; Chairman, Panasonic Life Solutions India and South Asia</li> <li>• <b>Theme Address</b>- Mr. Janardhanan Ramanujalu, Vice President, India region, SABIC</li> <li>• <b>Industry Address</b> – Mr. Sashidhar Vempala, Chief Sustainability Officer, Hindustan Unilever</li> <li>• <b>Keynote Address</b> – Shri. Ved Prakash Mishra, Joint Secretary, Ministry of Environment, Forest &amp; Climate Change</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Release of Knowledge Report:</b> <ul style="list-style-type: none"> <li>• Packaging Reimagined: Alternate and Sustainable solutions</li> <li>• Transitioning the Chemical Industry to a Net Zero Pathway: The Critical Need for a ‘Materials Transition</li> </ul> </li> <li>• Announcement of winners &amp; felicitation- Global Resource Efficiency &amp; Circular Economy Awards</li> </ul>
<b>11.00- 11:20</b>	<b>NETWORKING TEA/ COFFEE</b>
11:20 – 11:28	<p>Brief presentation on knowledge paper ‘<b>Transitioning the Chemical Industry to a Net Zero Pathway: The Critical Need for a ‘Materials Transition’</b></p> <ul style="list-style-type: none"> <li>• Mr. Rajat Arora, Chair, RECEIC Working group on Material Transition in Chemical industry &amp; VP Home Care R&amp;D India, HUL</li> </ul>
11:28 – 12:30	<p><b>Session 1: Material Transition to Net Zero: Redefining the Chemical Industry’s Path to Circularity</b></p> <p><b>Session brief:</b>  <i>The chemical industry’s reliance on fossil fuels presents significant environmental and economic challenges, calling for a transformative shift toward sustainable value chains. This session will delve into the urgent need for material transition in the chemical sector, emphasizing the potential for sustainable alternatives and circularity to drive long-term decarbonization.</i></p> <p><i>It will explore opportunities in sustainable materials, advanced technologies, and circular business models while addressing barriers such as economic feasibility and policy gaps. Experts will share policy recommendations, industry-wide collaboration strategies, and pilot projects demonstrating material transition. Aligned with net zero goals, the session highlights the chemical sector’s role in fostering innovation, sustainability, and decarbonization.</i></p>



	<p><b>Moderator:</b> Dr. Nimish Shah, General Manager Regulatory Affairs South Asia, Hindustan Unilever</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>• Dr. Ashok Menon, Director Global Sustainability Operations and Technology, Sabic</li> <li>• Mr. Nitin Sharma, CEO &amp; General Manager, Clariant IGL Specialty Chemicals Pvt. Ltd.</li> <li>• Mr. Avinash Nandanwar, Head-Sourcing &amp; Sustainability, Galaxy Surfactants</li> <li>• Mr. Rajagopal Manohar, Head of Technical services and Innovation, Novonesis</li> <li>• Dr. Venkataraghavan R, Platform Leader, Bright Future- Homecare, Hindustan Unilever</li> </ul>
12:30- 12:38	<p>Brief presentation on knowledge paper '<b>Packaging Reimagined: Alternate &amp; Sustainable Solutions'</b></p> <ul style="list-style-type: none"> <li>• Mr. Sundeep Singh, Managing Director, Accenture Strategy &amp; Consulting</li> </ul>
12:38-13:35	<p><b>Session 2: Packaging Reimagined: Driving transition towards alternate &amp; sustainable solutions</b></p> <p><b>Session brief:</b></p> <p><i>The session explores the growing demand for sustainable packaging solutions driven by environmental concerns such as plastic waste and resource depletion. Panellists will deliberate on challenges, share innovations, highlight essential policy interventions and transformative potential of alternate and sustainable packaging solutions as identified in the RECEIC knowledge paper. Panellists will deliberate on strategies to accelerate the transition towards eco-friendly packaging practices and touch upon a way forward plan in form of pilots and actionable steps towards scalable and sustainable solutions.</i></p> <p><b>Moderator:</b> Mr. Sundeep Singh, Managing Director, Accenture Strategy</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>• Mr. Michael Hoffmann, Vice President Sustainability &amp; Communications, Huhtamaki</li> <li>• Ms. Deepti Gupta, Growth &amp; Partnership Director, Polymateria</li> <li>• Ms. Rashi Agrawal, Chief Business Officer, Banyan Nation</li> <li>• Mr. K.S Ganesan, Head- Corporate Affairs, Ball Beverage Packaging India Pvt Ltd</li> <li>• Ms. Geetanjali Vats, Global Plastics Sustainability Lead Asia &amp; ANZ, Hindustan Unilever</li> </ul>
13:35: 14:30	<b>NETWORKING LUNCH</b>
14:30- 15:25	<p><b>Session 3: Industrial Waste Recycling &amp; Circularity: Pathways to Resource Security</b></p> <p><i>As industries face growing constraints on water, energy, and raw materials, the need for a resilient and resource-efficient approach to industrial waste management has never been greater. The recycling sector plays a crucial role in addressing these challenges by transforming waste into valuable secondary resources, reducing dependency on virgin materials, and enhancing sustainability.</i></p> <p><i>This session will explore how circularity in industrial waste management can drive long-term resource security and economic growth. Discussions will focus on the integration of recycling</i></p>

	<p><i>within industrial ecosystems, the role of reverse logistics in enabling efficient material recovery, and the technological advancements that are shaping the future of industrial waste recycling. The session will also highlight the policy and financial mechanisms needed to scale up recycling initiatives at a regional and national level, ensuring industries have continued access to critical resources while maintaining environmental and economic viability. By fostering collaboration among industry leaders, policymakers, and technology providers, the session aims to chart a pathway toward a more sustainable and circular industrial future.</i></p> <p><b>Moderator:</b> Ms. Ritu Ghosh, Associate Director, Corporate Affairs &amp; Sustainability, Panasonic Life Solutions India</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>• Mr. Priyesh Bhatti, Director, GEPIL</li> <li>• Mr. ALN Rao, Head Circularity, Recykal</li> <li>• Mr. Prashant Singh, Co-Founder &amp; CEO, Blue Planet Environmental Solutions</li> <li>• Mr. Krishna Thota, Senior Vice President &amp; Head- Circular Economy Business, Re Sustainability Limited</li> </ul>
<p>15:25- 16:20</p>	<p><b>Session 4:</b> BioE3 Policy: Accelerating India's Bioeconomy through Biomanufacturing &amp; Biofoundry for Green Growth</p> <p><b>Session brief:</b></p> <p><i>As the world transitions towards more sustainable production practices, biomanufacturing has emerged as a critical sector poised to lead the way. This session will explore the key themes of BioE3 Policy, which is focused on fostering high-performance biomanufacturing across several transformative areas. This session will explore how biomanufacturing and bio foundry technologies are central to driving India's bioeconomy and fostering green growth. Key themes include the development of biobased chemicals and enzymes, functional foods, climate-resilient agriculture, and precision biotherapeutics. We will also highlight the role of carbon capture and utilization in reducing emissions and promoting sustainability.</i></p> <p><i>The session will discuss how Bio foundries can accelerate innovation, scale up bioprocesses, and enable commercialization of bio-based products. Additionally, we will focus on policy frameworks, like BioE3, that support these technologies and India's transition to a sustainable, low-carbon economy.</i></p> <p><b>Moderator:</b> Dr. Banwari Lal, Senior Director- Industrial Biotechnology, TERI</p> <p><b>Special Address:</b> Dr. Alka Sharma, Scientist 'H', Department of Biotechnology, Ministry of Science and Technology, GOI</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>• Dr. Jonathan Hague, Head, Homecare R&amp;D 'Clean Future', Unilever</li> <li>• Dr. Paresh Dhepe, Senior Principal Scientist, CSIR-National Chemical Laboratory</li> <li>• Dr. Phaneeswara Rao Kommoju, Chief Scientist, Praj Industries</li> </ul>
<p>16:20- 17:20</p>	<p><b>Session 5:</b> Enhancing Resource Efficiency: Pathways to a Sustainable Future</p>

	<p><b>Session Brief:</b> <i>Efficient material use, and resource productivity are key to sustainability, economic growth, and environmental protection. This session will explore the transformative potential of sustainable material use in driving a resource-efficient economy. Discussions will focus on technological advancements, industrial synergies, sustainable procurement, circular design principles, and policy frameworks that enhance efficiency while reducing environmental impact. The session will also highlight financial mechanisms and global best practices that drive scalable solutions.</i></p> <p><i>By fostering collaboration, this session aims to identify actionable pathways for integrating resource efficiency into business and policy, accelerating the transition to a sustainable and resilient economy.</i></p> <p><b>Moderator:</b> Dr. Arvind Bodhankar, Chief Sustainability Officer, AMNS</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>• Mr. Manoj Rustagi, Chief Sustainability &amp; Innovation Officer, JSW Cement</li> <li>• Mr. Ankit Todi, Chief Sustainability Officer, Mahindra Group</li> <li>• Dr. Raju Goyal, Chief Technology &amp; Sustainability Officer, UltraTech Cement Limited</li> <li>• Dr. Rinkel Jindal, Head- Global Regulatory Affairs Compliance, Apollo Tyres</li> <li>• Mr. Gerald Guskowski, Cluster Coordinator, Environment, Climate, Natural Resource Management and Biodiversity, GIZ</li> </ul>
17:20- 18:00	<b>NETWORKING TEA + CLOSURE DAY 1</b>
<b>Day 2: 25 March 2025</b>	
09:30- 10:00	<b>Registration &amp; Welcome Tea</b>
<b>Inaugural Session</b>	
10:00-10:30	<p>Release of knowledge paper on ‘Circularity in Used Oil sector’</p> <ul style="list-style-type: none"> <li>• <b>Welcome Address</b> - Mr. Manish Sharma, Chair, RECEIC Steering Committee &amp; Chairman, Panasonic Life Solutions India and South Asia</li> <li>• <b>Industry Perspective</b> - Mr. Ch Srinivas, Chair, RECEIC working group on Used oil &amp; Executive Director- Lubes, HPCL</li> <li>• <b>Keynote address</b>- Shri. Ved Prakash Mishra, Joint Secretary, MoEF&amp;CC</li> </ul>
10:30 – 10:38	<p>Brief presentation on knowledge paper ‘<b>Unlocking Circularity in the Used Oil Sector: Overcoming Challenges and Seizing Opportunities</b>’</p> <ul style="list-style-type: none"> <li>• Mr. Harsh Kapoor, Partner, Monitor Deloitte</li> </ul>
10:38- 11:50	<p><b>Session 6:</b> Unlocking Circularity in the Used Oil Sector: Overcoming Challenges and Seizing Opportunities</p> <p><b>Session Brief:</b> <i>The circularity of used oil is a vital yet often overlooked aspect of the shift toward a sustainable, resource-efficient economy. This session will delve into the challenges and opportunities within the used oil sector, emphasizing role of circular economy through recycling, re-refining, and reuse practices.</i></p>

	<p><i>Panellists will deliberate on value chain challenges viz. collection, contamination, infrastructure gaps, and regulatory barriers and will discuss solutions to improve recovery rates, technological innovations, and collaborative actions to optimize the value chain. By showcasing industry innovations and case studies, we will outline a roadmap to scale circularity in the sector, reduce waste, conserve resources, and contribute to a net-zero, sustainable economy. This collaborative dialogue will foster actionable solutions, strengthening the role of used oil in the circular economy.</i></p> <p><b>Moderator:</b> Mr. Harsh Kapoor, Partner, Monitor Deloitte</p> <p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>• Mr. Arijit Basu, Managing Director, Veedol</li> <li>• Mr. Ch Srinivas, Chair, RECEIC working group on Used oil &amp; Executive Director- Lubes, HPCL</li> <li>• Mr. Saugata Basuray, Whole- Time Director, Castrol</li> <li>• Mr. Philip Mathew, Secretary General, PRAI</li> </ul>
<p>11:50- 12:45</p>	<p><b>Session 7: Financing the Future: Unlocking Investments for Circular Value Chains</b></p> <p><b>Session brief:</b></p> <p><i>The transition to a circular economy requires a transformative approach to financing that drives innovation, scales sustainable solutions, and optimizes resource use and build regenerative value chains. This session will focus on how financial institutions and businesses can collaborate to accelerate the shift to circular value chains.</i></p> <p><i>Discussions will spotlight innovative financial models, the role of private and public investments, and strategic partnerships that enable scaling circular practices. Experts will share insights into how businesses can access funding mechanisms, how investors can align portfolios with circular economy principles, and the importance of policy frameworks in fostering investment.</i></p> <p><i>The session aims to provide actionable strategies for creating a financial ecosystem that supports resource-efficient, circular business models and accelerates the transition to a sustainable future.</i></p> <p><b>Moderator:</b> Ms. Mridula Ramesh, Founder, Sundaram Climate Institute &amp; Executive Director, Sundaram Textiles Ltd.</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>• Mr. R K Singh, CGM Green &amp; International Cooperation, SIDBI</li> <li>• Ms. Janavi Papiwal, Associate Partner, Circulate Capital</li> <li>• Mr. Prashanth Venkatesh, Marketing Director, Brand &amp; Sustainability, Hindustan Unilever</li> </ul>
<p>12:45- 13:05</p>	<p><b>NETWORKING TEA &amp; COFFEE</b></p>



<p>13:05-14:00</p>	<p><b>Session 8: Promoting sustainability in Critical Minerals sector: Innovations &amp; Circular Economy approaches</b></p> <p><b>Session Brief:</b></p> <p><i>As the world shifts towards a sustainable, circular economy, the importance of critical minerals has grown, especially for the transition to renewable energy, electric vehicles, and green technologies. However, the extraction and processing of these minerals pose significant environmental and economic challenges. This makes it crucial to explore circular economy models that minimize waste, reduce reliance on primary resources, and encourage recycling and reuse.</i></p> <p><i>In January 2025, India’s Ministry of Mines launched the National Critical Mineral Mission (NCMM), which includes several initiatives, such as the creation of a Recycling Advisory Group. This group will assess the presence of critical minerals in both domestic and imported products and recommend strategies for optimizing the recovery of these minerals. Additionally, NCMM will allocate funds for global research and development collaborations along the critical minerals value chain.</i></p> <p><i>During this session, panelists will share innovative approaches and technologies that support the efficient recovery and recycling of critical materials like rare earth elements in electronics, and lithium and cobalt in batteries. The discussion will focus on how circular economy principles—such as material recovery and product lifecycle management—can be applied to critical minerals to promote long-term sustainability and reduce environmental impact.</i></p> <p><i>The session will also explore opportunities for collaboration between industries, governments, and research organizations to accelerate the transition to a circular economy in critical mineral resource management.</i></p> <p><b>Moderator:</b> Mr. Souvik Bhattacharjya, Associate Director &amp; Senior fellow, TERI</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>• Smt. Sunita Verma, Group Coordinator (R&amp;D-E&amp;IT), MeitY, GoI</li> <li>• Dr. Abhinav Mathur, Head Strategy, Attero Recycling Pvt Ltd</li> <li>• Mr. Pranshu Singhal, Founder, Karo Sambhav</li> </ul>
<p>14:00- 14:50</p>	<p style="text-align: center;"><b>NETWORKING LUNCH</b></p>
<p>14:50- 16:00</p>	<p><b>Session 9: Driving Resource Efficiency and Circular Economy through International Cooperation</b></p> <p><b>Session Brief:</b></p> <p><i>Resource efficiency and circular economy (RE &amp; CE) have emerged as critical strategies to decouple economic growth from environmental degradation and resource overuse. As countries navigate sustainability transitions, international cooperation plays a pivotal role in</i></p>

	<p><i>enabling policy alignment, financing mechanisms, and technology transfer to accelerate RE &amp; CE adoption globally.</i></p> <p><i>Global institutions, development banks, and international think tanks are increasingly collaborating to mainstream circular economy principles through multi-stakeholder partnerships, policy dialogues, and targeted investments. For industries, this evolving global landscape offers both an opportunity and a responsibility—to align operations with emerging CE frameworks while leveraging international platforms for innovation and growth.</i></p> <p><i>This session will explore how international cooperation can catalyze the adoption of RE &amp; CE principles in business and policy ecosystems. Discussions will focus on how global governance, financing institutions, and development partnerships are driving system-wide transitions and enabling private sector leadership.</i></p> <p><i>The key objective of the session is to examine the role of global collaboration in scaling circular solutions, identify opportunities for industry engagement, explore financing and policy mechanisms, and highlight successful international models and innovations that can be adapted to the Indian context.</i></p> <p><b>Moderator:</b> Dr. Ashish Chaturvedi, Head- Action for Climate and Environment, UNDP India</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>• Mr. Amit Verma, Director- Green Transition, Environment and Climate Change vertical and Economics and Finance vertical, NITI Aayog</li> <li>• Mr. Søren N. Kannik-Marquardsen, Regional Director South Asia and Head of the Trade Council, Embassy of Denmark In India</li> <li>• Mr. Bartosz Przywara, Energy, Climate, Environment Counsellor at Delegation of the European Union to India, New Delhi</li> <li>• Ms. Swati Sambyal, Senior Circular Economy &amp; Partnerships expert- Waste and Marine Litter Program, Grid- Arendal</li> <li>• Mr. Ajeya Bandopadhyay, Asia Climate (Advisory) Lead, International Finance Corporation (IFC)</li> </ul>
<p>16:00- 17:00</p>	<p><b>Session 10: Circular Economy Spotlight – Celebrating Innovation and Impact</b></p> <p><b>Session brief:</b> <i>This session will showcase inspiring stories of innovation and impact from the winners of the Awards. Award-winning organizations and innovators will present their case studies, highlighting pioneering projects, scalable solutions, and transformative business models that exemplify circular economy principles.</i></p> <p><b>Moderator:</b> Dr. Sumanda Bandopadhyay, Senior Manager, SABIC</p>
<p>17:00 onwards</p>	<p><b>NETWORKING TEA + CLOSURE DAY 2</b></p>