

Tentative Agenda

DAY 1 | Monday 29 October 2025

Location: Meeting Room

8:00 AM – 9:00 AM: Registration and Budget Distribution

9:00 AM – 11:15 AM: Keynote Talks

10:30-10:50 AM Group Photo & Coffee Break

**11:20 AM – 02:00 PM: Morning Session Topic:
"Session 1: Recycling – Reduce, Reuse, and Recovery"**

Explore the fundamental principles of recycling, emphasizing the importance of reducing, reusing, and recovering materials to promote a more sustainable and circular approach to resource management.

- Solid Waste Management
- E-Waste Recycling
- Sludge treatment & Recycling
- Construction And Demolition Waste
- Oil Recycling
- Glass Recycling
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01:00-01:40 PM Networking & Lunch Break

02:05PM – 04:30 PM: Afternoon Session

Topic: "Session 2 : New Outlook for Sustainable Recycling"

This session explores how global regulations like the Packaging and Packaging Waste Regulation (PPWR) are shaping the future of recycling, especially for plastics and textiles. Experts will examine how businesses can adapt to meet evolving sustainability goals and improve recyclability across product lifecycles.

- Global policies and compliance
- Eco-modulation
- Regulatory timelines
- Sustainable packaging innovations

03:50-04:10 PM Coffee & Networking Break

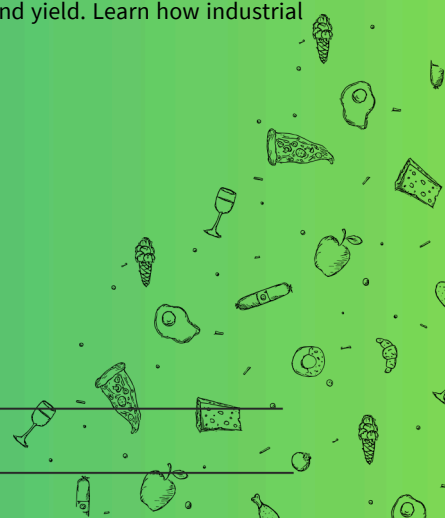
04:35 PM – 06:10 PM: Evening Session

Topic: "Session 3 : Revolutionizing Plastic Recycling"

Plastic recycling is undergoing a technological transformation. This session highlights advanced recycling systems that require minimal space and energy, while enabling higher purity and yield. Learn how industrial and post-consumer plastics can be part of a closed-loop economy.

- Super-clean recycling technologies
- PET, HDPE, and multilayer recycling
- Mechanical vs chemical processing
- Energy-efficient solutions

End of Day @06:10



Tentative Agenda

DAY 2 | Tuesday 30 October 2025

Location: Meeting Room

9:00 AM – 11:15 AM: Keynote Talks

10:30-10:50AM Group Photo & Coffee Break

11:20 AM – 02:00 PM: Morning Session

Topic: "Session 1 : Textile Reuse and Recycling"

Delving into fashion's waste crisis, this session examines scalable models for textile reuse and recycling. From sorting innovations to fiber regeneration, participants will explore how to close the loop in the apparel industry.

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- Reuse models and networks
- Automated sorting and AI
- Regenerated fibre technologies
- Industry collaborations for circularity

01:00-01:40PM Networking & Lunch Break

02:05PM – 04:30 PM: Afternoon Session

Topic: "Session 2 : Circularity in Action"

Discover game-changing innovations and legislation driving circularity in plastics and textiles. This session focuses on integrating policy, design, and technology to eliminate waste and regenerate natural systems.

- Closed-loop systems and reverse logistics
- Extended Producer Responsibility (EPR) enforcement
- Material passports and traceability
- Industrial symbiosis in manufacturing
- Business models enabling reuse and repair
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03:50-04:10PM Coffee & Networking Break

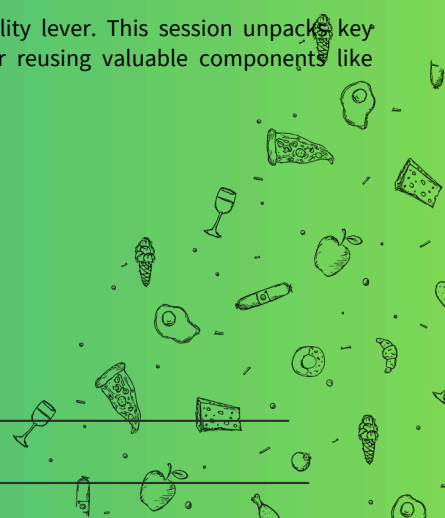
04:35 PM – 06:10 PM: Evening Session

Topic: "Session 3 : Battery Recycling Innovations"

As EV adoption surges, battery recycling becomes a crucial sustainability lever. This session unpacks key economic principles, novel recovery methods, and circular models for reusing valuable components like lithium, cobalt, and nickel.

- Economics of battery lifecycle
- Pyrometallurgy vs hydrometallurgy
- Recovery of critical minerals
- Reuse and second-life applications
- Battery collection and sorting systems
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End of Day @06:10



Tentative Agenda

DAY 3 | Wednesday 31 October 2025

Location: Meeting Room

9:00 AM – 11:15 AM: Keynote Talks

10:30-10:50AM Group Photo & Coffee Break

11:20 AM – 02:00 PM: Morning Session

Topic: "Session 1 : Next-Generation EV Battery Recycling"

This deep-dive session examines next-gen strategies and test results for recovering raw materials from advanced lithium-ion batteries. Learn how innovations are improving scalability and reducing environmental impact.

- Safe disassembly techniques
- Automated recycling lines
- Electrolyte recovery and reuse
- Pilot plant insights and commercial scaling
- Environmental impact reduction metrics

01:00-01:40PM Networking & Lunch Break

02:05PM – 04:30 PM: Afternoon Session Topic:

"Session 2 : Global Paper Recycling "

Focusing on market shifts and sustainability, this session provides a global outlook on paper recycling, with particular attention to Asia's growing role. Explore fiber recovery trends, contamination challenges, and regulatory movements.

- Market dynamics in Asia and Europe
- Recovered fiber quality control
- Innovations in pulping and deinking
- Trade regulations and fiber sourcing
- End-use trends for recycled paper

03:50-04:10PM Coffee & Networking Break

04:35 PM – 06:10 PM: Evening Session

Topic: "Session 3 : AI, Robotics, and Automation"

Technological disruption is redefining the recycling process. This session showcases how AI, robotics, and automation are boosting efficiency, precision, and output quality in recycling systems, especially in paper and packaging recovery.

- Vision-based sorting robotics
- Machine learning in material classification
- Smart MRFs (Materials Recovery Facilities)
- Automation ROI and scalability
- Data analytics in waste tracking

End of Day @06:10

