



Recycling Week 2026

4th World Recycling Convention

Theme: Revitalizing the 3Rs—Reduce, Reuse, Recycle: Overcoming Obstacles and Inspiring Innovation



Basel, Switzerland
22-23 June | 2026

THE PEOPLE
EVENTS

Tentative Agenda

DAY1 JUNE 22, 2026 BASEL, SWITZERLAND

8 - 9:00

Distribution of Passes and Registration

9 - 10:40

Keynote Talks

10:40 - 11:00

Group Photo & Coffee Break

11:00 - 12:20

Session 1: World 2030

EU Circular Economy Action Plan 2.0 & global policy harmonization
Extended Producer Responsibility (EPR) evolution & cross-border compliance
Global demand forecasts for secondary materials (2030–2040)
National strategies: Middle East, Europe & Asia circular transitions
Trade regulations & their impact on recycled material markets

12:20 - 13:20

Session 2: Digital Recycling Ecosystems

AI-driven waste classification & predictive analysis
Cybersecurity & data ownership in smart waste management
Data aggregation & integration across municipal systems
Digital waste passports & material traceability standards
Web & mobile platforms reshaping consumer recycling behavior

13:20-14:10

Networking & Lunch Break

14:20- 15:25

Session 3: Blockchain-Driven Circularity

Blockchain-based tracking for plastics, textiles & industrial waste
Case studies: Blockchain adoption in EU, UAE, KSA & Asia
Proof-of-recycling technologies & auditing mechanisms
Smart contracts for automated reverse supply-chain operations
Tokenization models: Recycling credits & digital compliance systems

15:30-15:50

Coffee Break

15:50 - 17:05

Session 4 : Robotics, Automation & Smart Machinery

Autonomous waste collection vehicles
Machine vision & advanced processing line optimization
Retrofitting existing plants for Industry 4.0 automation
Robotics for sorting, dismantling & material recovery
Sensor-driven quality monitoring & contamination detection

17:50 - 18:20

Session 5 : Advanced Material Recycling

Environmental impact assessments: energy use & emissions
Hybrid recycling models integrating AI & chemical processes
Next-generation chemical recycling for plastics
Scaling mechanical recycling for high-quality outputs
Solvent-based recycling & depolymerization

18:30

End of Day 1

Tentative Agenda

DAY2 JUNE 23, 2026 BASEL, SWITZERLAND

8 - 9:00 Distribution of Passes and Registration

9 - 10:40 **Keynote Talks**

10:40 - 11:00 Group Photo & Coffee Break

11:00 - 12:20 **Session 1: The Future of E-Waste & Battery Recycling**

Circular electronics design & modularity
Critical mineral recovery: lithium, cobalt, nickel & rare earths
EV battery lifecycle: collection, diagnostics & repurposing
Policies driving e-waste & battery recycling adoption
Urban mining: potential, risks & commercial viability

12:20 - 13:20 **Session 2: Industry-Specific Circularity**

Composite materials & advanced construction waste recycling
Glass recycling: energy-efficient melting & impurities management
Paper & pulp recycling advancements for 2030
Plastic circularity: rPET, rPP, rPE & packaging innovations
Textile circularity: fiber-to-fiber systems & chemical traceability

13:20-14:10 Networking & Lunch Break

14:20 - 15:25 **Session 3: Smart Cities & Circular Infrastructure 2030**

IoT-enabled waste bins, fill-level sensors & smart routing
Digital twins for waste infrastructure planning
Urban resource optimization platforms
City-wide material flow analytics
Public-private partnerships for urban circularity

15:30-15:50 Coffee Break

15:50 - 17:05 **Session 4 : Circular Business Models, ESG Intelligence & Green Finance**

Carbon accounting, digital MRV systems & sustainability reporting
Cash flow models for new recycling technologies
Demand creation for recycled materials: procurement & incentives
Green financing, bonds & ESG-aligned investment trends
High-profit circular business models for recycling companies

17:05 - 18:20 **Session 5 : Global Mega-Projects & Circular Supply Chains**

Circular procurement & reverse logistics for mega-projects
Circularity in large-scale construction & mega-events
Designing zero-waste construction ecosystems
Opportunities for recycling companies in global infrastructure markets

18:30 End of Day 2

End of Conference & Closing Ceremony