



CIRCULAR ECONOMY IN ACTION: RETHINKING RESOURCES FOR A GREENER FUTURE

THE ROLE OF AI AND ROBOTICS IN DRIVING CIRCULAR INNOVATION AND STRATEGIC AUTONOMY IN EUROPE

EVENT AGENDA

Event Title: **Circular Economy in Action: Rethinking Resources for a Greener Future**

Subtitle: *The Role of AI and Robotics in Driving Circular Innovation and Strategic Autonomy in Europe*

REACT CLUSTER (Resource Efficiency and Automation for Circular Transformation): ALCHIMIA, CLARUS, DARROW, GRINNER, RECLAIM and Wood2Wood

Date: 04/06/2025

Location: Blankspace Brussels, Sint-Quentinstraat 29, 1000 Brussel, Belgium

Organized by: EU Green Week - European Commission

13:30 – 13:45 | REACT CLUSTER PRESENTATION

- Anna Bréchine, Project Manager, ALCHIMIA Project - Mandat International

13:45 – 16:00 | CLUSTER PRESENTATIONS

- "ALCHIMIA project | Intelligent Scrap Management for Enhanced Circularity to Produce Quality Steel" – Irene García Martínez, Innovation projects and Digital Transformation, CELSA Group and Bernd Kleimt, Deputy Manager, VDEh-Betriebsforschungsinstitut GmbH

- "RECLAIM project | Next-Gen Decentralised Waste Sorting with a Portable Robotic MRF" – Michalis Maniadakis, RECLAIM Project Coordinator, FORTH

- "GRINNER project | How Can AI Tackle the Challenge of Battery Related Fires in e-waste Recycling Facilities?" – Magdalena Charytanowicz, Communication Manager, WEEE Forum

- "CLARUS project | Promoting AI-Driven Sustainability and Traceability in the Food Industry" – Roberto Rocca, CLARUS Technical Coordinator, Politecnico di Milano

- "DARROW project | AI-Based Tools for Everyday Operation of Water Resource Recovery Facilities " – Beñat Elduayen-Echave, Researcher, Ceit Centro Tecnológico

- " Wood2Wood Project | - A Wood-to-Wood Cascade Upcycling Valorisation Approach" - Akrivi Korba, Wood2Wood Project coordinator, ICCS-I-Sense

16:00-17:00 | CLOSING AND NETWORKING SESSION

For more information, contact: abrekine@mandint.org

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