



ZERO WASTE IN ACTION:
PEOPLE. PLACES. PROGRESS.

Smarter Waste: How AI is Driving Impact

Artificial intelligence is transforming how we understand and manage waste. From computer vision that identifies materials on sorting lines to predictive analytics that reduce food waste in commercial kitchens, AI is opening new possibilities for efficiency, traceability, and impact measurement. While the technology is advancing rapidly, the challenge now is how to deploy these tools at scale and ensure they serve both people and the planet.

This session will bring together leading innovators who are applying AI to food waste, recycling, and resource optimization. Companies such as Winnow, Beeok, Greyparrot, and Smartway will share how they are turning data into action, and what it means for the future of waste prevention.

This session will ask:

- How is AI already being applied to reduce waste in food, packaging, and other key sectors?
- What evidence do we have of AI delivering measurable impact at scale?
- How can AI help bridge gaps in data and traceability, particularly in emerging markets?
- What safeguards are needed to ensure AI-driven solutions are inclusive, ethical, and environmentally sound?

° 14:30 - 15:30 °
° Saturday, October 18, 2025 °

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Keynote Speaker: Mehmet Fatih Kacir (Ministry of Industry and Technology of the Republic of Türkiye)

Moderator: Elena Mateo (Zero Waste Costa Rica)

David Jackson (Winnow)
Cristián Bustos Salas (Beeok)
Ambarish Mitra (Grey Parrot)