

Closing the Loop: Compostable Packaging and Organic Waste

Organic waste accounts for a significant share of the global waste stream. Yet, in many countries, it remains unmanaged, ultimately ending up in landfills where it generates methane emissions and other environmental hazards. At the same time, the packaging industry is racing to introduce a compostable solution. Still, their effectiveness depends on whether collection and treatment systems are actually in place to close the loop.

This session will bring together innovators working on compostable packaging and organic waste management to examine where these solutions are currently effective, what challenges remain, and how they can be scaled responsibly. With insights from companies like Notpla, Renfrow, and Conecta Ambiental, the discussion will focus on how materials innovation must go hand in hand with system innovation.

This session will ask:

- What role can compostable packaging play in a zero-waste future, and where are its limits?
- How can cities and companies design integrated systems for organic waste collection and treatment?
- What examples show successful alignment between material innovation and infrastructure capacity?
- How can standards and certification help build consumer trust and prevent greenwashing?

° 16:00 - 17:15 °

° Saturday, October 18, 2025 °

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Moderator: Corinne Jeuch Trommsdorff (ISWA)

Sebastian Arango Urimbe (Conecta Ambiental)

Hoa Doan (Notpla)

Miguel Sanchez (Renfrow)

Ömer Kocaman (OTS)