

# CT-WA-002 — Organic Waste & Composting

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cbi_eligible	Y
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col_gf_activity	Compostaje y tratamiento de residuos orgánicos
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last_updated	2026-05-27

## Description

Technologies and systems for diverting organic waste from landfills through composting, vermicomposting, and other biological treatment processes. Includes industrial composting facilities, municipal organic waste collection systems, agricultural residue management, and compost-to-soil-amendment value chains.

## Colombia Context

Municipal organic waste constitutes over 50% of Colombia's solid waste stream, with most still going to landfill. PGIRS increasingly mandate source separation of organic waste in major cities. Agricultural residues from coffee, sugar cane, banana, and palm oil production represent enormous composting potential. Colombia's circular economy strategy under CONPES 3874 promotes organic waste valorization. The NDC 2030 waste target depends partly on methane avoidance through composting diversion. Bogotá's Basura Cero program attempted citywide organic waste separation, providing lessons for national scale-up.

# EUDR Relevance

Indirect EUDR relevance: composting of agricultural residues from EUDR-regulated crops (coffee cherry pulp, cacao pod husks) supports circular economy practices within EUDR-compliant supply chains. Compost application to soils can improve carbon sequestration on production land.

# CTH Data Coverage

Not currently covered by CLP field programs or Sustentia. Composting ventures targeting agricultural waste valorization — particularly coffee and cacao residues — are potential REIN Hub candidates given the intersection with EUDR supply chains.

# Green Finance Alignment

TVC covers organic waste treatment under Gestión de residuos. CBI Waste criteria include composting and biological treatment facilities. EU Taxonomy Activity 5.8 (Composting of bio-waste) applies with technical screening criteria. Green finance structuring is strongest when composting is coupled with methane avoidance credits from landfill diversion, which strengthens the emissions reduction narrative for bond issuance.

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