

# CT-WA-003 — Recycling & Materials Recovery

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iea_aligned	N
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last_updated	2026-05-27

## Description

Advanced recycling technologies, materials recovery facilities (MRFs), sorting automation, chemical recycling, and waste-to-materials value chains. Covers both formal sector recycling infrastructure and integration of informal recycling networks.

## Colombia Context

Colombia's recycling ecosystem is distinctive for its large informal recycling workforce — the recicladores de oficio — estimated at over 30,000 workers nationally, legally recognized through Constitutional Court rulings. CONPES 3874 (Economía Circular) and Ley 2232 (2022) on Extended Producer Responsibility for packaging are transforming the recycling landscape. EPR implementation under Ley 2232 requires producers to finance collection and recycling of packaging waste, creating new revenue flows to recycling infrastructure. Major cities (Bogotá, Medellín, Cali) have formal recycling programs integrating reciclador cooperatives. Colombia's recycling

rate is approximately 17%, with targets to reach 30% by 2030.

## EUDR Relevance

This node has no direct EUDR commodity relevance.

## CTH Data Coverage

CTH data coverage through Origo platform tracks recycling sector data in Colombia. CLP does not operate waste sector programs. Recycling technology ventures — particularly those supporting reciclador cooperatives with sorting technology — are potential REIN Hub candidates.

## Green Finance Alignment

Triple-aligned node. TVC covers recycling and materials recovery under Gestión de residuos. CBI Waste criteria include recycling infrastructure and materials recovery. EU Taxonomy Activity 5.9 (Material recovery from non-hazardous waste) applies. Ley 2232 EPR obligations create mandatory financing flows that can be securitized or used as revenue backing for green bonds funding recycling infrastructure.

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Revisión #1

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