Waste Management & Recycling

Source Metadata

Field	Value
source	cbi
source_version	CBI Taxonomy (current)
source_id	CBI-WST-001
cbi_sector	Waste
bond_eligible	Y
mitigation	Y
adaptation	N
last_checked	2026-05-26

CBI Sector Criteria

CBI Waste Management Criteria are under development, with current taxonomy guidance establishing eligibility for waste sector investments that reduce GHG emissions. Waste management projects must demonstrate emission reductions through methane capture, waste diversion from landfill, or material recovery reducing the need for virgin resource extraction. The criteria follow the waste hierarchy, prioritizing prevention, reuse, and recycling over energy recovery and disposal.

Eligible Activities & Assets

Eligible assets include: material recovery facilities (MRFs) and sorting infrastructure; mechanical and chemical recycling plants; composting facilities for organic waste; anaerobic digestion facilities with biogas capture; landfill gas capture and utilization systems; landfill closure and remediation with gas management; extended producer responsibility (EPR) collection infrastructure; and circular economy platforms enabling material reuse and remanufacturing.

Certification Process

Verifiers assess waste diversion rates, methane capture efficiency, and lifecycle emission reductions. Pre-issuance review includes facility design specifications, waste stream analysis, and baseline emissions

calculations. Post-issuance monitoring requires waste throughput data, recycling and recovery rates, methane capture measurements, and comparison against landfill disposal baselines. Material flow accounting demonstrates emission reduction claims.

LATAM Market Context

Waste management green bonds in LATAM address the region's substantial waste infrastructure gap. Brazil's Política Nacional de Resíduos Sólidos has driven investment in recycling and landfill remediation. Colombia, Mexico, and Chile are investing in modern waste management infrastructure to replace open dumps. Green bond financing is emerging for waste-to-energy and recycling facilities, particularly in major metropolitan areas.

Colombia Green Finance Taxonomy Alignment

The TVC includes waste management, recycling, and circular economy activities as eligible under mitigation. Colombia's Estrategia Nacional de Economía Circular and the Conpes 3874 on solid waste management provide the policy framework. CBI criteria align with TVC requirements for waste sector investments, enabling green bond financing for Colombia's waste modernization program.

Cleantech Taxonomy Crosswalk

Maps to Cleantech Taxonomy sector WA (Waste) — specifically WA-MG (Waste Management) and WA-RC (Recycling). Cross-references to ES (Energy) for waste-to-energy pathways, IN (Industry) for circular economy manufacturing, and AF (AFOLU) for organic waste composting.

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