

CT-WW-001 — Water Treatment & Sanitation

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last_updated	2026-05-27

Description

Technologies for drinking water treatment, wastewater treatment, and sanitation infrastructure. Covers municipal water treatment plants, decentralized treatment systems for rural areas, nature-based treatment solutions (constructed wetlands), membrane filtration, and water quality monitoring systems.

Colombia Context

Colombia faces a significant urban-rural water gap: while major cities like Bogotá (served by EAAB — Empresa de Acueducto y Alcantarillado de Bogotá) have near-universal water coverage, rural and dispersed communities often lack basic water treatment. CONPES documents on water (Agua y Saneamiento) set national targets for closing this gap. Colombia's NDC 2030 includes water sector targets linked to climate resilience. The Pacífico region (Chocó, Buenaventura) and La Guajira have the most critical water access deficits. EAAB operates green infrastructure programs including watershed protection in the Chingaza and Sumapaz páramo systems that

supply Bogotá's water.

EUDR Relevance

This node has no direct EUDR commodity relevance.

CTH Data Coverage

CTH data coverage through Origo platform tracks water sector project data. CLP does not currently run water sector field programs. Rural water treatment ventures — particularly decentralized solutions for PDET (post-conflict) municipalities — are potential REIN Hub candidates.

Green Finance Alignment

Triple-aligned node with strong finance eligibility. TVC explicitly covers water treatment and sanitation under the Agua sector. CBI Water criteria include water treatment infrastructure with efficiency and coverage requirements. EU Taxonomy Activity 5.1 (Construction, extension and operation of water collection, treatment and supply systems) applies directly. Water utilities like EAAB have successfully issued green bonds backed by water infrastructure assets in Colombia.

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