CT-BU-001 — Green Building Design & Certification

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Description

Technologies, standards, and certification frameworks for designing buildings that minimize environmental impact across their lifecycle. Covers green building rating systems (EDGE, LEED, CASA Colombia), energy modeling, sustainable materials selection, and net-zero building design approaches.

Colombia Context

Colombia's Resolución 0549 (2015) established the country's first mandatory green construction code, setting minimum energy and water efficiency thresholds for new buildings. CAMACOL (Cámara Colombiana de la Construcción) actively promotes sustainable construction practices across the sector. The EDGE certification system, developed by IFC, has strong uptake in Colombia — particularly in Bogotá, Medellín, and Barranquilla — with over 100 certified projects. Colombia's NDC 2030 includes a buildings sector target requiring 20% reduction in energy consumption per square meter for new commercial buildings.

EUDR Relevance

Limited direct EUDR relevance. Wood used in construction could trigger EUDR due diligence requirements under the timber/wood commodity vertical if sourced from tropical forests. Green building certification schemes increasingly require verified sustainable sourcing for wood-based materials.

CTH Data Coverage

Not currently covered by CLP field programs or Sustenttia diagnostic platform. REIN Hub has not yet onboarded green building ventures. Potential future coverage through partnerships with CAMACOL member firms and EDGE-certified developers.

Green Finance Alignment

Strong alignment across all three green finance frameworks. Colombia's Taxonomía Verde (TVC) explicitly covers new sustainable building construction under the Construcción sector. CBI Low Carbon Buildings criteria apply to certified green buildings. EU Taxonomy Activity 7.1 (Construction of new buildings) requires near-zero energy building standards. Triple-aligned node suitable for green bond labeling.


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