Flood Resilience & Coastal Protection

Source Metadata

Field	Value
source	cbi
source_version	CBI Taxonomy (current)
source_id	CBI-WAT-002
cbi_sector	Water
bond_eligible	Y
mitigation	N
adaptation	Y
last_checked	2026-05-26

CBI Sector Criteria

CBI's Resilience Criteria (launched August 2025 alongside Standard V4.3) establish a formal framework for certifying adaptation and resilience investments. Flood resilience and coastal protection projects are eligible when they demonstrate a substantial contribution to resilience against climate-related physical risks. The criteria require a climate risk assessment and evidence that the investment materially reduces vulnerability.

Eligible Activities & Assets

Eligible assets include: flood defense infrastructure (levees, barriers, retention basins); coastal erosion protection (seawalls, groynes, beach nourishment); nature-based flood solutions (mangrove restoration, wetland creation, urban green infrastructure); stormwater management systems (sustainable urban drainage, permeable surfaces); flood early warning systems; river basin management and reforestation for upstream flood control; and climate-resilient urban drainage retrofits.

Certification Process

Under the new Resilience Certification pathway, verifiers assess whether projects meet the Resilience Criteria's substantial contribution test. This requires a documented climate risk assessment, evidence that the investment addresses identified physical climate risks, and demonstration that the project does not undermine mitigation objectives. Post-issuance reporting includes resilience performance indicators.

LATAM Market Context

LATAM faces severe flood and coastal risks from climate change, with Caribbean and Pacific coastlines highly exposed. Colombia, Brazil, and Central American nations experience recurring flooding events. Green bonds for flood resilience are emerging, with multilateral development banks (IDB, CAF) structuring resilience-focused instruments for the region. The CBI Resilience Criteria create a new certification pathway for these investments.

Colombia Green Finance Taxonomy Alignment

The TVC includes flood management and coastal protection as eligible adaptation activities. Colombia's exposure to La Niña flooding events, coastal erosion in the Caribbean region, and riverine flooding in the Magdalena basin create substantial investment needs. CBI's new resilience certification aligns with TVC's adaptation criteria, enabling Colombian resilience bonds.

Cleantech Taxonomy Crosswalk

Maps to Cleantech Taxonomy sector WW (Water) — specifically WW-FL (Flood Resilience) and WW-CP (Coastal Protection). Cross-references to AF-MC (AFOLU: Marine Conservation) for mangrove and coastal ecosystem restoration and to XS (Cross-Sectoral) for urban resilience planning.

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