Land Use Change Prevention

Source Metadata

Field	Value
source	cpi
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sector	AFOLU
subsector	Land Use Change Prevention
mitigation	Y
adaptation	Y
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CPI Definition & Scope

Land Use Change Prevention in CPI's GLCF framework tracks climate finance directed at halting deforestation and preventing the conversion of high-carbon ecosystems. CPI captures investment in REDD+ programs, deforestation-free supply chain initiatives, protected area establishment and management, indigenous territory demarcation and governance, and enforcement of forest protection regulations. Avoided deforestation is one of the largest potential sources of emission reductions globally, and CPI tracks both public and private finance flows targeting this outcome.

Subsectors & Examples

- **REDD+ Programs** — jurisdictional REDD+, project-based avoided deforestation
- **Protected Areas** — national parks, indigenous reserves, community conservation areas
- **Deforestation-Free Supply Chains** — traceability systems, zero-deforestation commitments
- **Law Enforcement & Governance** — forest monitoring, illegal logging enforcement, land tenure
- **Peatland & Wetland Protection** — preventing drainage and conversion of high-carbon ecosystems

Mitigation & Adaptation Classification

Land use change prevention is classified as **dual-benefit** in CPI's framework. Mitigation is the primary driver — tropical deforestation accounts for roughly 10% of global CO2 emissions, and preventing it avoids massive carbon releases. Adaptation co-benefits include maintaining rainfall patterns, protecting biodiversity, preserving indigenous livelihoods, and maintaining ecosystem services that buffer communities against climate impacts.

LATAM Relevance

Latin America's deforestation is a global climate priority. Colombia's post-conflict Amazon deforestation surge has made it a key target for REDD+ and deforestation finance. Peru's Amazon faces pressure from mining, agriculture, and road construction. Costa Rica demonstrates that deforestation can be reversed with the right policy mix. The EU Deforestation Regulation (EUDR) creates new commercial pressure on Latin American commodity exporters to ensure deforestation-free supply chains, driving investment in traceability and compliance systems.

Cleantech Taxonomy Crosswalk

Maps to Cleantech Taxonomy sector **AF** (AFOLU) for land use change. Cross-references with **XS** (Cross-Sectoral) for carbon markets and REDD+ policy, **IC** (ICT) for satellite monitoring and MRV systems, and **WW** (Water) for ecosystem service protection.

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