

El Salvador — Taxonomy Node Mapping

country	El Salvador
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Node Mapping Summary

El Salvador's taxonomy node mapping reflects its concentrated EUDR exposure in specialty coffee, its strong solar energy potential, and its high climate vulnerability (drought, ENSO, coastal flooding). The node mapping is narrower than Peru or Colombia given El Salvador's smaller economy and limited cleantech ecosystem. AFOLU nodes for coffee are tagged Y; solar energy nodes are tagged Y; adaptation-relevant extension nodes are tagged Y; most other sectors are partial or N.

AFOLU Nodes

Node ID	Label	latam_el_salvador	Rationale
CT-AF-001	Land & Soil	Y	Soil degradation from intensive coffee cultivation; restoration needs
CT-AF-002	Forests & Woodlands	Y	12% forest cover remaining — shade coffee agroforestry is primary restoration pathway
CT-AF-003	Oceans & Water	partial	Coastal flooding and Pacific fisheries; limited cleantech activity
CT-AF-004	Ice & Snow	N	No relevance — tropical lowland country
CT-AF-005	Air & Atmosphere	N	No significant cleantech activity in air quality
CT-AF-006	Smart Farming	Y	Precision agriculture for specialty coffee; drought monitoring for smallholders
CT-AF-007	Livestock & Fisheries	N	Livestock sector small and not EUDR-exposed
CT-AF-008	Crops	Y	Coffee is the primary export crop; cacao growing; drought-resistant staples needed
CT-AF-009	Alternative Meat & Seafood	N	No market presence
CT-AF-010	Alternative Dairy & Egg	N	No market presence

Energy Nodes

Node ID	Label	latam_el_salvador	Rationale
CT-EN-001	Critical Minerals	N	No significant mineral reserves; mining ban in effect since 2017
CT-EN-002	Hydrogen	N	No hydrogen development programs
CT-EN-003	Nuclear	N	No nuclear program
CT-EN-004	Bio & Synthetic Fuels	partial	Sugarcane ethanol potential; small scale
CT-EN-005	Fossil Fuels (Transition)	partial	Oil-dependent transport sector needs transition planning
CT-EN-006	Solar	Y	Excellent irradiance (5.5+ kWh/m ² /day); flat Pacific terrain; strong CLP pipeline
CT-EN-007	Wind	partial	Metapán wind corridor; limited compared to solar potential
CT-EN-008	Geothermal	Y	~25% of electricity from geothermal (Berlín, Ahuachapán plants); volcanic ring potential
CT-EN-009	Biomass	partial	Coffee husk and sugarcane bagasse; small scale
CT-EN-010	Hydro Tidal & Wave	partial	Small hydropower on Lempa River; limited expansion potential
CT-EN-011	Batteries	N	No battery production or significant storage deployment
CT-EN-012	Alternative Storage	N	No alternative storage projects
CT-EN-013	Grids	partial	SIEPAC regional grid interconnection; needs modernization for solar integration
CT-EN-014	EV Charging	N	Minimal EV adoption; no charging infrastructure
CT-EN-015	Peer-to-Peer Energy	N	No regulatory framework

Climate Intelligence & Carbon Nodes

Node ID	Label	latam_el_salvador	Rationale
CT-IC-001	IoT & Earth Observation	partial	MARN environmental monitoring; limited satellite coverage programs
CT-IC-002	Climate Data	Y	Drought and ENSO monitoring critical for agriculture; early warning systems

CT-IC-003	Climate Finance	partial	CABEL green bond access; limited domestic green finance infrastructure
CT-IC-004	Climate Risk	Y	High vulnerability to drought, tropical storms, coastal flooding, volcanic risk
CT-IC-005	Climate Insurance	partial	CCRIF SPC Caribbean/Central America parametric insurance; emerging
CT-XS-001	Carbon Capture & Storage	N	No CCS activity
CT-XS-002	B2B Carbon Offsets	partial	Small-scale forestry offset projects; limited market
CT-XS-003	B2C Carbon Offsets	N	No domestic B2C carbon market
CT-XS-004	Carbon Intelligence	N	No national carbon registry or intelligence platform
CT-XS-005	Carbon Accounting	partial	National GHG inventory exists but limited granularity

Waste, Built Environment & Transport Nodes

Node ID	Label	latam_el_salvador	Rationale
CT-WA-001 to CT-WA-005	Waste (all)	partial	Landfill methane capture potential; coffee processing waste; limited cleantech
CT-BU-001 to CT-BU-005	Built Environment (all)	N	Minimal green building activity; no cleantech startup presence
CT-TR-001 to CT-TR-005	Transport (all)	N	No significant cleantech transport activity

Extension Nodes

Node ID	Label	latam_el_salvador	Rationale
CT-EX-001	Drought-resistant crop varieties	Y	Critical — ENSO drought is the primary agricultural risk
CT-EX-002	Flood resilience (nature-based)	Y	Coastal and riverine flooding from tropical storms
CT-EX-003	Heat adaptation for agriculture	Y	Coffee rust and heat stress at lower elevations
CT-EX-004	Early warning systems	Y	Drought/ENSO early warning critical for 400K+ smallholders
CT-EX-005	Community-led reforestation	Y	Priority: El Salvador has lowest forest cover in Americas; shade coffee reforestation
CT-EX-006	Mangrove restoration	Y	Pacific coast mangroves for storm surge protection and blue carbon
CT-EX-007	Silvopastoral systems	partial	Small-scale livestock; limited compared to larger countries

CT-EX-008	Bioeconomy: NTFPs	N	Limited forest resources for non-timber products
CT-EX-009	PES platforms	partial	Small-scale PES pilots; limited government funding
CT-EX-010	Solar home systems	Y	Rural electrification gaps; strong solar resource
CT-EX-014	Remote sensing deforestation monitoring	partial	Small land area limits complexity; basic MARN monitoring exists
CT-EX-016	Supply chain traceability	Y	Specialty coffee traceability for EUDR compliance
CT-EX-017	Precision agriculture platforms	Y	Smallholder coffee farm management and drought adaptation
CT-EX-018	Deforestation-free certification	Y	EUDR compliance for specialty coffee exports to EU
CT-EX-019	Supply chain due diligence	Y	EUDR operator obligations for Salvadoran coffee exporters
CT-EX-020	Smallholder EUDR assistance	Y	70% of coffee farms under 5 ha — massive EUDR support need
CT-EX-025	Cacao smallholder digital inclusion	Y	Growing cacao sector needs digital tools for emerging EUDR requirements
CT-EX-030	Pasture restoration and livestock intensification	Y	Land-scarce country benefits from intensification to free land for reforestation
CT-EX-031	Cattle deforestation-free verification	Y	Even small cattle sector needs verification given minimal remaining forest
CT-EX-038	Timber legality verification	Y	Firewood/charcoal supply chain legality verification

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