

# Colombia NDC 2030 — Sectoral Targets

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## Framework Overview

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Field	Value
Framework	Nationally Determined Contribution (NDC) 2030
Country	Colombia
Headline Target	51% GHG reduction by 2030 from reference scenario (max 169.4 MtCO <sub>2</sub> eq)
Carbon Neutrality	2050
Last Updated	NDC 3.0 submitted September 2025
Legal Basis	Paris Agreement ratification + Ley 2169/2021
Taxonomy Column	col_ndc2030_aligned

## Sectoral Mitigation Targets

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Colombia's NDC distributes mitigation across all major economic sectors, with AFOLU dominating due to deforestation reduction potential:

- **AFOLU (59% of mitigation):** Reduce deforestation to 37,500-50,000 ha/yr by 2035; transition 150,000 ha cocoa and 936,500 ha coffee to agroforestry by 2030; restore 69,000 ha via livestock intensification. Total: ~67 MtCO<sub>2</sub>e.
- **Waste (14%):** 20.7 MtCO<sub>2</sub>e by 2030 — methane capture, circular economy (ENEC 2019), wastewater methane valorization.
- **Industry (8.9 MtCO<sub>2</sub>e):** Cement emissions intensity -7.5% by 2030; PAI PROURE 2022-2030 energy efficiency; carbon tax reaches 100% from 2028.
- **Transport (6.7 MtCO<sub>2</sub>e):** 600,000 EVs by 2030; 100% ZEV bus sales by 2035; 100% zero-emission new cars/vans by 2040.
- **Energy:** Peak emissions by 2029; 70% renewable electricity (achieved 2024); coal phase-out for power by 2036; halt new oil/gas exploration.
- **Buildings:** Net-zero new buildings by 2030; all buildings by 2050 (CONPES 3919).
- **Black Carbon:** -40% by 2030 vs 2014.

## Adaptation Pillars

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- Water security and watershed management
- Agricultural climate resilience (crop varieties, early warning)
- Urban infrastructure resilience
- Coastal and marine ecosystem protection
- Health sector climate preparedness

# Cleantech Taxonomy Mapping

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Of the 71 Cleantech Taxonomy nodes, **52 are aligned (Y)**, **9 are partially aligned**, and **10 are not aligned** with NDC 2030 targets. The strongest alignment is in energy systems (13/15 nodes) and AFOLU (8/10 nodes).

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