

# CT-EN-007 — Clean Cooking

origo_id	CT-EN-007
origo_label	Clean Cooking
sector	EN
source	origo
cpi_aligned	Low-carbon buildings — clean cooking and heating
eu_taxonomy_aligned	N — not directly covered by EU Taxonomy (focused on industrialised-country building standards)
cbi_eligible	N — no specific CBI criteria for clean cooking
iea_aligned	Y — IEA ETCS clean cooking and modern energy access
col_gf_sector	Energía
col_gf_activity	Sustitución de biomasa tradicional por soluciones de cocción limpia
col_gf_aligned	Partial
col_ndc2030_aligned	Y — clean cooking is an explicit NDC health co-benefit target and deforestation reduction measure
col_sisclima_relevant	Y
col_ley2169	Y — Art. 3 mitigation measures with health co-benefits
latam_colombia	Y
cth_clp_coverage	Y — 1 CLP company develops improved cookstove technology
cth_data_coverage	Y
schema_version	1.1
last_updated	2026-05-27

## Description

Transition from traditional biomass cooking (wood, charcoal) to clean cooking solutions including LPG, electric cooking, improved biomass stoves, and biogas digesters. Clean cooking reduces indoor air pollution (a leading cause of respiratory illness), deforestation, and black carbon emissions. In rural Colombia, an estimated 1.5 million households still depend on traditional biomass for cooking.

## Colombia Context

Colombia's NDC identifies clean cooking as a priority health-climate nexus intervention, targeting the replacement of 500,000 traditional cookstoves by 2030. MinMinas' Estrategia Nacional de Cocción Limpia promotes LPG distribution expansion and electric cooking in areas with reliable grid access. The IPSE supports clean cooking transitions in ZNI through solar-electric cooking pilots. DNP (Departamento Nacional de Planeación) estimates that indoor air pollution from biomass cooking causes approximately 3,000 premature deaths annually. The World Bank's Colombia Clean Cooking Fund has disbursed \$15 million for improved cookstove distribution in Cauca,

Nariño, and Chocó. Carbon credits from cookstove projects are traded on the Bolsa Mercantil de Colombia, with Gold Standard and Verra certification. CONPES 4075 links clean cooking to the just energy transition, particularly for ethnic and campesino communities in PDET territories.

## EUDR Relevance

Indirect EUDR relevance: clean cooking reduces demand for fuelwood, which contributes to deforestation of tropical forests. In cacao and coffee-growing regions (Tumaco, Catatumbo), cookstove transitions can complement EUDR deforestation-free supply chain goals.

## CTH Data Coverage

One CLP cohort company develops improved biomass cookstoves with carbon credit monetisation. Sustentia diagnostics capture energy source for cooking in enterprise worker welfare assessments. REIN Hub data from PDET municipalities in Nariño and Cauca documents cookstove adoption rates and fuelwood consumption patterns.

## Green Finance Alignment

Partial TVC alignment — recognized as a mitigation activity but not a primary TVC screening category. Not CBI-eligible under current criteria. Carbon credit revenues are the primary finance mechanism through voluntary carbon markets. GCF has funded clean cooking programs in Colombia through BIOS and OLADE implementing entities.

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