

# Road Transport

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## Source Metadata

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Field	Value
source	cpi
source_version	GLCF 2025
source_id	CPI-TR-001
sector	Transport
subsector	Road Transport
mitigation	Y
adaptation	N
last_checked	2026-05-26

## CPI Definition & Scope

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Road Transport in CPI's GLCF framework tracks climate finance directed at the decarbonization of passenger and freight vehicles on road networks. The 2025 edition specifically expanded coverage of transport electrification as a tracked energy transition category. CPI captures investments in electric vehicles (passenger cars, buses, trucks), charging infrastructure, fleet electrification programs, and efficiency improvements in conventional vehicle fleets during the transition period.

## Subsectors & Examples

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- **Electric Passenger Vehicles** — battery electric cars, plug-in hybrids, two/three-wheelers
- **Electric Buses** — battery-electric urban transit fleets, trolleybuses
- **Electric Freight** — battery-electric trucks, hydrogen fuel cell trucks
- **Charging Infrastructure** — public fast-charging networks, depot charging, highway corridors
- **Fleet Conversion Programs** — public procurement mandates, taxi electrification, ride-hailing greening
- **Fuel Efficiency Standards** — vehicle efficiency improvements, low-rolling-resistance components

## Mitigation & Adaptation Classification

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Road transport electrification is classified as **mitigation** in CPI's framework. The primary benefit is direct emission reduction by replacing internal combustion engines with zero-emission drivetrains. Transport is a major source of urban air pollution and GHG emissions, and its electrification is a core pillar of national climate strategies tracked by CPI.

## LATAM Relevance

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Road transport decarbonization is a top priority across Latin America. Colombia has been a regional leader in electric bus deployment, with Bogota operating one of the largest e-bus fleets outside China. Costa Rica's National Decarbonization Plan targets 100% zero-emission public transport by 2050 and has CPI-documented investment support for electric mobility. Peru's Lima metro area is beginning electrification of public transit. CPI data shows significant growth in clean transport investment in the region between 2018 and 2023.

## Cleantech Taxonomy Crosswalk

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Maps to Cleantech Taxonomy sector **TR** (Transport) for road vehicle electrification and charging infrastructure. Cross-references with **ES** (Energy Systems) for grid integration of transport charging loads and **IN** (Industry) for EV manufacturing.

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