

Ecuador

Partner country

Status of the project: ongoing technical assistance



Basic Information

Population: 17,084,358 | Growth rate: 1.8%

Percent of urban population: 64%

GDP per capita: USD 6,346

Percentage of the population living below the national poverty lines: 21.5%

Annual average infrastructure expenditures as percent of GDP: 1.63%

Nationally Determined Contribution (NDC):
transport related NDC

National GHG emissions per capita: 2.43 (tCO₂eq)

Proportion of transport related GHG emissions: 21%

Exposure to climate change: MEDIUM

Context

Ecuador is located on the west coast of South America, its population is 17,084,358, of which 2,735,987 live in its capital Quito. 64% of the population resides in urban areas especially in the capital, Guayaquil and Cuenca. Its GDP is USD 6,346 and its poverty rate is 21.5% in 2019. The Gini Coefficient index, which measures income inequality, is 0.447%.

The country's transport system is divided into three parts, road, water and air. By road, there are buses, trolleybuses, and taxis, which are the most widely used services in the country, followed by air, where about 15 cities have their own airport. Finally, we have the fluvial one that has boats and canoes especially in the Amazonia or places where it is only possible to accede by sea or fluvial way.

MTOP will be the entity that will accompany the consulting firm in the formulation of the NUMP. MTOP is the governing entity of the National Multimodal Transport System (land, air, sea, non-motorized). Its vision is to formulate, implement and evaluate policies, regulations, plans, programs and projects that guarantee a safe and competitive transport network, minimising environmental impact and contributing to the social and economic development of the country.

The objective of this project is to define a national strategy for low carbon mobility that is applicable to all the Decentralised Autonomous Governments of the country and that allows a considerable reduction of greenhouse gases, maintaining levels of equity and accessibility.

Ecuador's NUMP will consider the improvement of bus and truck units; knowledge of routes, frequencies, and unit locations; promotion of non-motorised transport; economic incentives to reduce greenhouse gases; and planning for land use and urban mobility.

Support from the Partnership

Technical Assistance: National Urban Mobility Policy or Program (NUMP)

Type of NUMP: Mixed NUMP

Funded by: European Union

Funding amount: EUR 500,000

Implemented by: AFD through the EUROCLIMA+ Program

Local counterpart: Ministry of Transportation and Public Works (MTOPE)

Main purpose of the NUMP:

- Offer cities a general enabling framework for SUMPs
- Regulation on a specific set of technical issues
- Regulation on wide range of technical issues
- Technical guidance on a specific set of technical issues
- Technical guidance on an on wide range of technical issues
- Define a national strategy for low-carbon mobility that is applicable to all Decentralised Autonomous Governments in the country and that allows for a considerable reduction in greenhouse gases, while maintaining levels of equity and accessibility

Supported activities:

- Preparation of a Low-Carbon Urban Mobility Plan including policies and strategies for the reduction of greenhouse gases.
- Preparation of technical guidelines for decentralised autonomous governments for the implementation of the strategy at the local level.

Status of implementation

Project start: Q1 2021

Expected project completion: Q2 2022

Completed outputs:

- Signature of a MoU between the Ecuador and AFD
- Signing contract Q4 by December 2020

Next expected outputs

- Follow-up on the consultant's initial activities in January 2021

Core impact indicators baselines

Indicator	Baseline - 2020
Total annual transport related GHG emissions (Mt CO ₂ eq)	15.07 Mt CO ₂ eq
Annual transport related GHG emissions per capita (kg CO ₂ eq)	243 kg CO ₂ eq / capita
Air pollution Mean urban air pollution of particulate matter (in µg PM2.5) at road-based monitoring stations	18 µg/m ³ of PM2.5
Road safety Annual traffic fatalities in the urban area, per 100,000 inhabitants	33 fatalities / 100,000 hab
Affordability of public transport Percentage of disposable household income spent on public transport for the second quintile household income group	14.6%

Highlights in the past year

In the last quarter of 2020, a contract was signed between AFD and a consulting firm to initiate the formulation of Ecuador's NUMP.

Impact of the COVID-19 pandemic

COVID-19 pandemic changed the progress of project activities as government teams have had to focus on meeting this new challenge. Similarly, quarantine measures and restrictions on international flights postponed or cancelled events and meetings. Therefore, measures were taken to use virtual media to replace scheduled events in the country and to reach agreements on the signing of consultancy agreements between the beneficiary, the consultancy and the AFD.