

# Antananarivo, Madagascar

Partner city

Status of the project: Ongoing technical assistance



## Basic Information

Urban area: 85,01 km<sup>2</sup>

Population: 3,209,933 | Growth rate: +4.84%

Country capital city

GDP per capita: USD 522

National GHG emissions per capita: 0.13 (tCO<sub>2</sub>eq)

## Context

Antananarivo, commonly known as Tana, is the capital and largest city of Madagascar. Centrally located on the island at 1,280 m above sea level, Tana serves as the primary hub for and concentrates the bulk of the country's industrial and administrative activity.

The city grapples with rapid demographic growth, resulting in challenges such as overcrowding, traffic congestion, inadequate waste management, severe air pollution, security concerns, and shortages of public water and electricity. Despite facing these issues, the local authority's efforts to address them are hindered by limited funds and management challenges associated with the burgeoning population.

Notably, a report by the French Embassy reveals that walking accounts for more than 60% of travel within Antananarivo. Paratransit constitutes the bulk of motorised trips, of which *taxi-bé* minibuses account for nearly 72%. However, the absence of a mass transit system exacerbates the increasing travel demand and road congestion.

The city lacks an updated urban mobility planning document to tackle these challenges, and the existing transport organisations, the urban commune of Antananarivo (CUA) and the suburban transport agency (ATT), face complexity due to overlapping competencies, financial constraints, and outdated regulations. Previous initiatives, such as the 2008 Urban Mobility Improvement Programme (PAMU), failed to yield all the expected outcomes, therefore recent efforts include studies on creating a transport organising authority, an economic analysis of *taxi-bé*, defining specifications for operators, implementing a ticketing system, and operator training. The World Bank is currently conducting a study to develop a master plan for urban transport.

In addition to these plans, the city is engaged in various ambitious projects. These include an electric cable transport initiative, the development of an urban train network, the inauguration of a bypass road in 2021, a pilot Bus Class project to enhance the *taxi-bé* service, and an AFD and EU-supported project initiated in 2011 to enhance pedestrian mobility and traffic on specific urban roads. Furthermore, the Commune Urbaine d'Antananarivo (CUA) has secured 10 million euros in AFD funding for urban mobility improvements, including bike paths, sidewalk repairs, and the establishment of a project management unit (PMUD) with a funding of 500,000 euros.

The technical assistance provided under the Partnership aims to:

- Organise an *urban mobility forum* in Antananarivo, enabling all the involved actors to coordinate around a common roadmap.
- Pilot projects for paratransit improvement and reform in Antananarivo.
- Pilot project line for the new Iarivo bypass, inaugurated in 2021
- Pilot project line for existing bus network based on the bypass line demonstrator

The pilot project aims to modernise and professionalise the collective transport/ paratransit system in Antananarivo. The project seeks to demonstrate that it is possible to significantly improve the service rendered to users, reduce air pollution, greenhouse gas emissions, and road safety, while improving the working conditions for the people in the sector. All of this will be achieved without any public subsidy and while maintaining the principles of collective transport by Taxi-Be on the pilot line.

The project will be implemented in phases, starting with the demonstration of the profitability of the new rolling stock on a new infrastructure operated by a private operator or a consortium, followed by the creation of a group of owners who will agree to acquire the new rolling stock and respect the new operating rules. CODATU will provide technical assistance throughout the process, including advising the steering committee, drafting technical and operating specifications, providing support to operators for the creation of the group, training, evaluation, and generalisation of the project.

## Support from the Partnership

**Technical assistance:** Urban mobility forum and pilot project

**Funded by:** AFD and National Government of Madagascar

**Funding amount:** EUR 35,000 for the urban mobility forum and EUR 600,000 for the pilot project

**Implemented by:** Codatu

**Local counterpart:** Commune Urbaine d'Antananarivo (CUA), ATT (Agence des Transports Terrestres)

### Supported activities:

- Urban mobility forum and development of an urban mobility roadmap
- Roadmap for the governance of urban mobility in Greater Antananarivo
- International technical assistance to the local authority for:
  - » Governance improvements
  - » Ticketing
  - » Securing procedures
  - » Change of rolling stock
  - » Training for transport operators
  - » Digital opportunities and passenger information
  - » Communication
  - » Monitoring and evaluation

## Status of implementation

**Project start:** 2023 Q1

**Expected project completion:** 2024 Q4