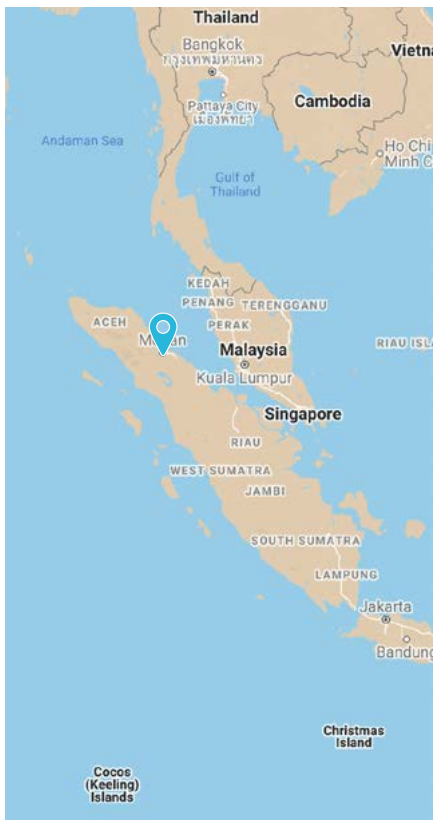


# Medan, Indonesia

Partner city

Status of the project: ongoing technical assistance



## Basic information

Urban area: 3,151 km<sup>2</sup>

Population: 4,795,186 | Growth rate: +1.1%

GDP per capita: USD 12,400

## Modal Share

Formal public transport: 1.85%

Informal public transport: 63.8%

Private cars: 5.54%

Private motorbikes or 2-wheelers: 11.7%

Taxis: 16.11% (by E-Hailing transport services (motorcycle, car - such as Gojek, Grab...))

Other: 0.2%

National GHG emissions per capita: 3.45 (tCO<sub>2</sub>eq)

Regional Capital City

## Context

Located in the northern part of Sumatra Island, Medan is the capital and largest city of the North Sumatra Province and the 4th largest city in Indonesia. Its population is 2.3 million inhabitants, while the population of its metropolitan area is 4.8 million, and it is expected to continue to grow. Medan Metropolitan Area is composed of four Kota (cities) and two Kabupaten (regencies): Kota Medan, Kota Binjai, Kabupaten Deli Serdang and (part of) Kabupaten Karo

Belawan, the 3rd biggest container port in Indonesia, is located in Medan, as well as Kualanamu International Airport (the 5<sup>th</sup> busiest airport of the country). The city's economic growth rate of 6.4% is higher than the national average, which makes the Medan metropolitan area an important industrial and economic in Indonesia.

The Medan Metropolitan Area is facing a rapid increase of private motorised vehicles use (predominantly motorcycles). In the meantime, road lengths are increasing by only 0.8% a year. The increased number of vehicles causes congestion issues.

Public transportations operate on fixed routes in Medan and consist of public passenger cars and small, medium and large buses. The area also benefits from a rail network as an alternative transport mode. It is to be noted that there is no Public Transport Authority in the City of Medan and the Metropolitan Area.

## Support from the Partnership

**Technical Assistance:** Sustainable Urban Mobility Plan (SUMP)

**Funded by:** AFD

**Funding amount:** EUR 510,155

**Implemented by:** AFD through MobiliseYourCity Asia

**Local counterpart:** North Sumatra Province (and the representatives of the Medan Metropolitan Area authorities from Kota Medan, Kota Binjai, Kabupaten Deli Serdang and Kabupaten Karo).

**Supported activities:**

- Support of a SUMP process for the Medan Metropolitan Area
- Capacity development activities (after inception phase approval)
- Develop a citizen participation process and a communication plan
- Creation of an observatory on urban mobility data and GHG emissions

## Status of implementation

**Project start:** 2020 09

**Expected project completion:** 2021 09

**Completed outputs:**

- Inception Phase

**Next expected outputs**

- Diagnosis
- Construction of scenarios and formulation of priority measures
- Action plan that includes indicators and budget and financing measures
- Establishment of an Observatory on urban mobility data and GHG emissions

## Highlights in the past year

The SUMP elaboration started in September 2020 in spite of the COVID-19 crisis. The Consultant started the "inception phase" and organised the "MobiliseYourCity MobiliseDays" in Medan on October 22-23, 2020. As of Q1 2021, the SUMP is in its diagnostic phase.

The COVID-19 crisis has had an impact on the project implementation in the first semester of 2021. Indeed, the Consultant and their local on-site staff have experienced some difficulties to perform the expected surveys (as for instance the Public transport passenger Origin-Destination survey or the household survey) needed for the SUMP diagnosis phase, which will impact the progress of the project and the delivery of the diagnostic.