

MATARAM CITY

INDONESIA

Mataram City, located on Lombok Island, is the capital of Indonesia's West Nusa Tenggara Province.

With almost 100% electrification, the city's main challenge is to shift from **oil and coal** power towards renewables in order to reduce its emissions. The city has made inroads into deploying solar energy, particularly **rooftop solar photovoltaics**.

It has attempted to use the **waste** generated within its territory as an energy source, tackling the problems of energy and waste simultaneously.

Mataram City is a **networking city** of the 100% Renewables Cities and Regions Roadmap project.

2020-
2023



on the basis of a decision by the German Bundestag



Credit: Government of WNT Province

TOTAL ELECTRICITY CONSUMPTION

1,252
GWh

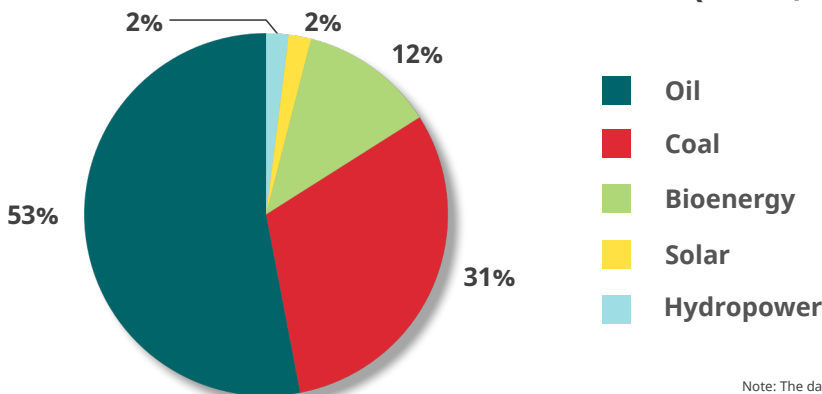
Year: 2018
Source: WNT Initial Status Report

POPULATION

432,024

Year: 2023
Source: CDP-ICLEI Track

ELECTRICITY CONSUMPTION BY SOURCE (WNT; %)



Note: The data is for WNT province
Year: 2021
Source: CDP-ICLEI Track, 2022



RENEWABLE ENERGY TARGET

100%
by 2050

Year: 2023
Source: CDP-ICLEI Track



LAND AREA

61.3 km²



SOLAR PV INSTALLED

200 kW



ELECTRIFICATION RATIO

98%

Year: 2020
Source: CDP-ICLEI Track