

# SUMBAWA REGENCY

## INDONESIA

**Sumbawa Regency** is part of the Province of West Nusa Tenggara, spanning the islands of Sumbawa and Moyo.

It is home to over 500,000 people. Owing to its island nature, the Sumbawa-Bima grid system is heavily reliant on **oil and coal** for its electricity needs. The state electricity company, PLN, is the main supplier of electricity.

Despite this, there exists a high potential for **bioenergy, wind energy and solar photovoltaics**.

Bioenergy also meets a significant amount of Sumbawa's present energy needs. In the future, there is a high potential for biogas generation from **agricultural and animal waste**.

Sumbawa Regency is a **networking region** of the 100% Renewables Cities and Regions Roadmap project.

Source: CDP-ICLEI Track; West Nusa Tenggara 100% Renewables Modelling Report

2020-  
2023



on the basis of a decision by the German Bundestag



Credit: Taliwang Mengaji, Unsplash

### TOTAL ELECTRICITY CONSUMPTION

286  
GWh

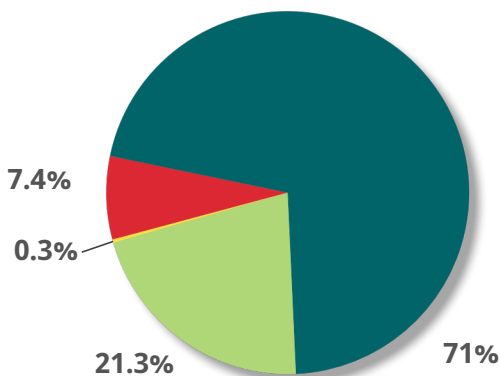
Year: 2022  
Source: CDP-ICLEI Track

### POPULATION

526,607

Year: 2020  
Source: CDP-ICLEI Track

### TOTAL ELECTRICITY CONSUMPTION BY SOURCE (%)



- Coal
- Oil
- Bioenergy
- Other (incl. solar)

Year: 2020  
Source: CDP-ICLEI Track



### ELECTRIFICATION RATIO

100%

Year: 2020  
Source: CDP-ICLEI Track



### LAND AREA

6,644 km<sup>2</sup>



### HYDROPOWER INSTALLED

800 kW



### BIOENERGY INSTALLED

62.3 MW

Year: 2020  
Source: CDP-ICLEI Track