**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.

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**TOTAL ELECTRICITY CONSUMPTION**

- **286 GWh**

**POPULATION**

- **526,607**

**ELECTRIFICATION RATIO**

- **100%**

**TOTAL ELECTRICITY CONSUMPTION BY SOURCE (%)**

- **Coal**: 7.4%
- **Oil**: 21.3%
- **Bioenergy**: 71%
- **Other (incl. solar)**: 0.3%

**LAND AREA**

- **6,644 km²**

**HYDROPOWER INSTALLED**

- **800 kW**

**BIOENERGY INSTALLED**

- **62.3 MW**