



Mozambique Mini-Grid Investment Pipeline

RENMOZ - Maputo
11 - June 2026

GOVERNMENT PRIORITIES: OFF-GRID SECTOR

Promote participation of the private sector in the electrification process and accelerate universal access

Pre-selected sites for mini-grids in **Tete, Zambezia, Nampula and Niassa**.

Aligned with the **National Off-grid Electrification Plan, The Least Cost Electrification Approach** and the **Country Platform**.

Government Selection Main Criteria:

- **Low electrification rate**
- **Population density**
- **Productive use potential**
- **National energy planning**



Priority provinces for Mini-grids projects

NATIONAL MINI-GRID PROGRAM (PROMIR)

National Program for Accelerating Energy Access through Mini-Grids (**PROMIR-MZ**)



Under the leadership of **MIREME**, aiming to consolidate and harmonize national and international interventions in the energy sub-sector.



Adopt an **integrated and multisectoral approach**, leveraging mini-grids as catalysts for economic development.



PROMIR-MZ is an umbrella initiative under which the **upcoming tender for mini-grids** will be covered.



Current available funding:

- GCF/Enabel: **42.05m EUR**
- European Union: **20m EUR**

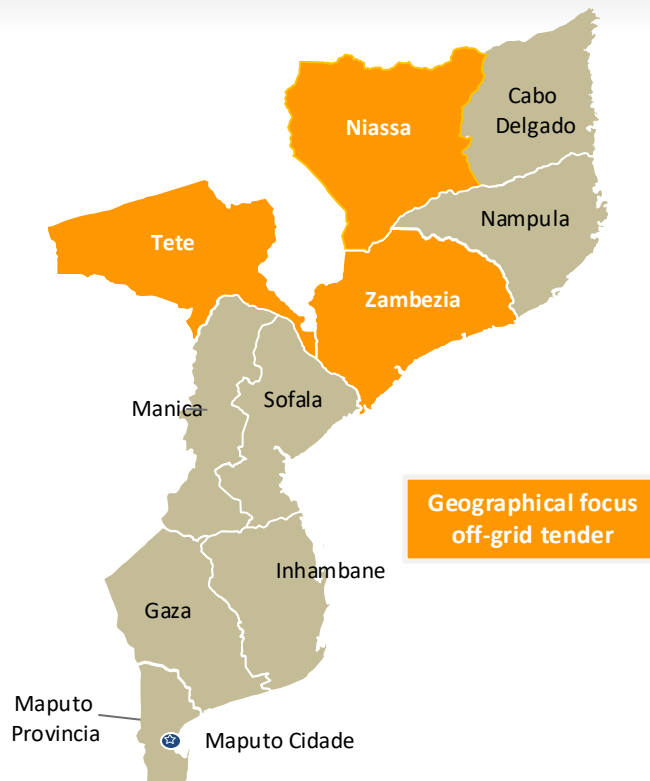


MINI-GRID TENDER: INVESTMENT OPPORTUNITY

Confirmed financing for mini-grids:

- Development, construction and operation of +100 Mini-grids
- Incentives and technical support and
- Concession contracts for up-to 30 years

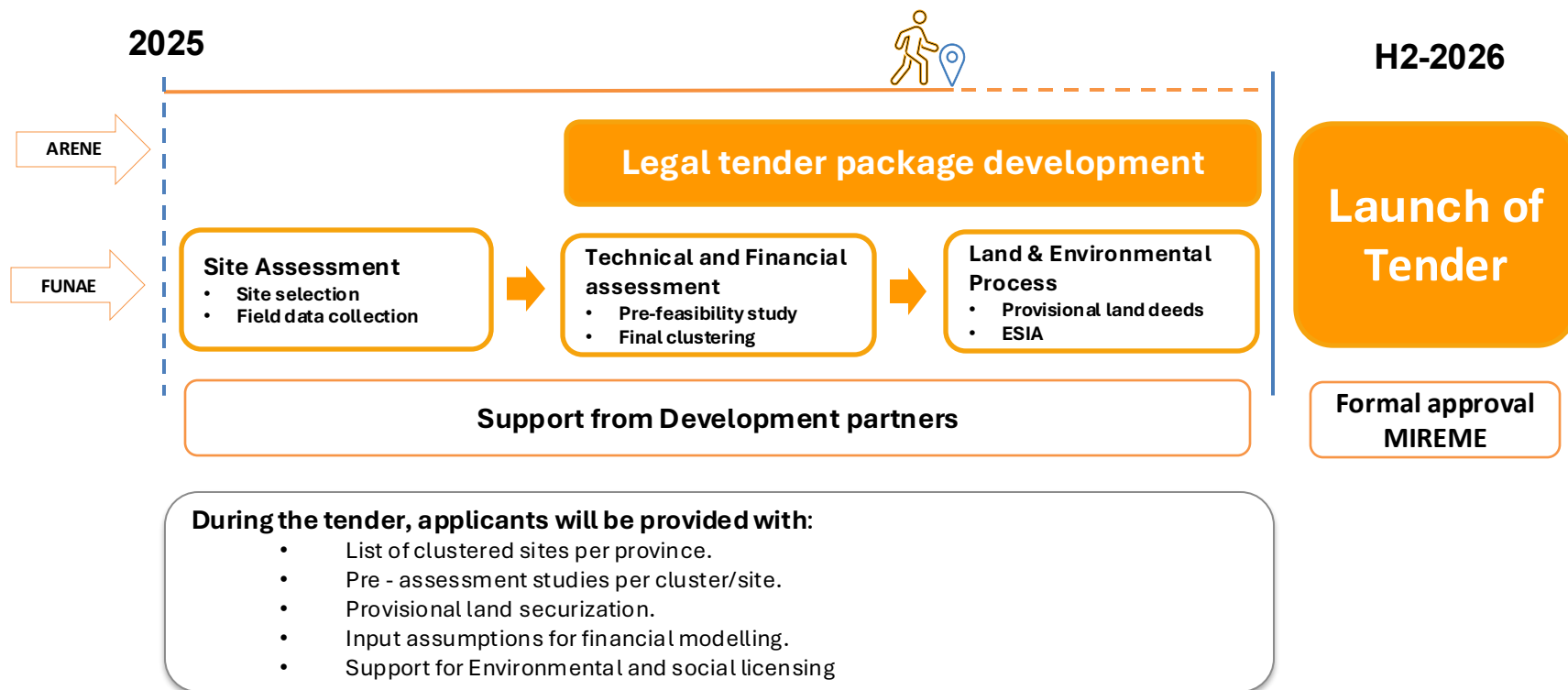
Mini-grid business model:



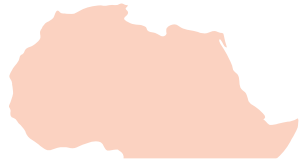
Selected provinces for Mini-grids projects

PROJECT PREPARATION FACILITY

Public tender preparation process:



RATIONALE OF SITE ASSESSMENT



Criteria for site selection

Identified per province using a GIS platform:

- 30 km away from the existing or planned grid,
- Demographic and demand,
- Economic and social activities,
- Minimum of 250 buildings.



Field data collection

Socio-economic profile, energy demand, accessibility, affordability, and climate vulnerability:

- Local authority survey,
- Productive use potential survey,
- Household survey.



Site clustering

Based on technical and financial viability:

- Indicative system sizing and economic KPIs,
- Pre - assessment studies,
- Final validation by GoM - MIREME

KEY FINDINGS FROM THE DATA COLLECTION

Total Number of Surveys



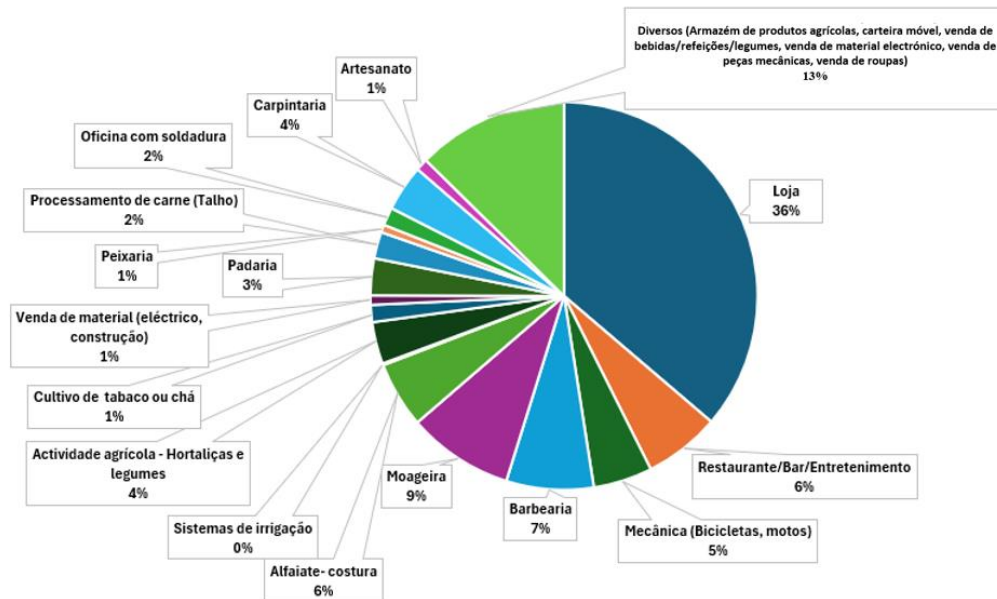
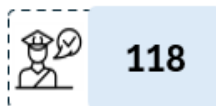
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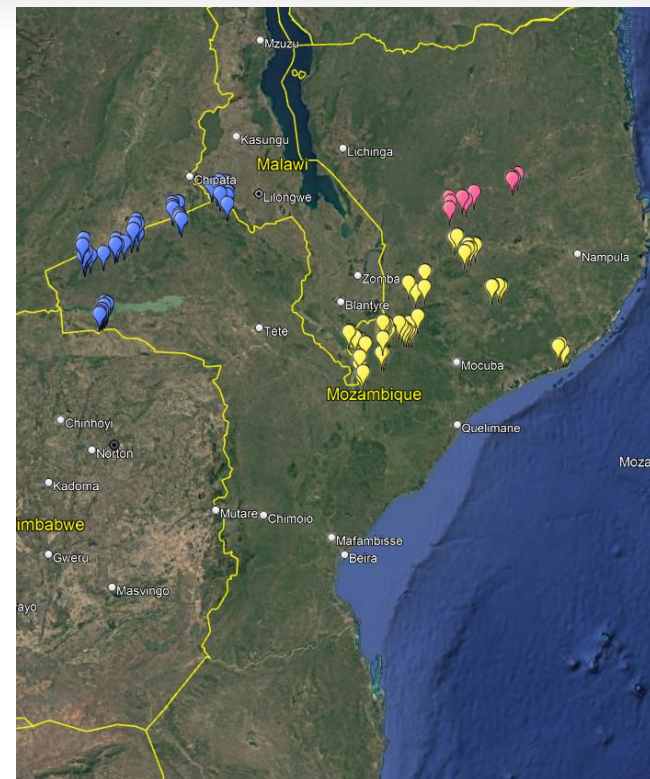
Results of economic activities from 3 provinces for the 118 sites.



PRELIMINARY CLUSTERING (On-going work)

Pre-Cluster	Province	Districts	Number of sites	Expected connections*
1	Tete	Chifunde and Macanga	22	6,000
2	Tete	Maravia and Zumbu	19	5,300
3	Zambezia	Morrumbala	10	4,200
4	Zambezia	Milange and Morrumbala	14	13,000
5	Zambezia	Gurue and Alto Molocué	18	6,000
6	Zambezia	Naburi	8	6,000
7	Niassa	Nipépe and Metarica	9	4,500
			100	45,000

Final validated clusters will be included in the tender package.



* Connections assumed for the viability analysis

TETE PROVINCE : PRE-CLUSTERING*



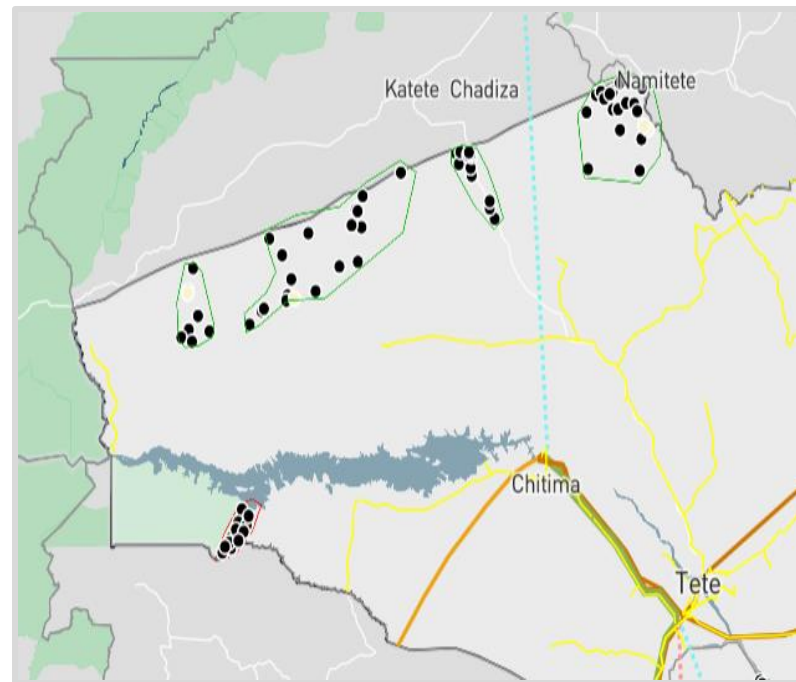
** Preliminary selection to be validated by MIREME*

Cluster #1: Districts of Chifunde and Macanga (border with Zambia)

- Number of potential connections: + 11,000
- Number of sites: 22
- Installed capacity: +1.2 MWp
- Number of connections per site: +270
- Estimated Investment (CAPEX): ~6.8 M€

Cluster #2: Districts of Maravia and Zumbo (border with Zambia)

- Number of potential connections: + 10,500
- Number of sites: 19
- Installed capacity: +1.2 MWp
- Number of connections per site: +280
- Estimated Investment (CAPEX): ~6.3 M€



Pre-selected sites and clusters in Tete province

TETE PROVINCE : IDENTIFIED PUE POTENTIAL



01



Chifunde

Nsadzu / Angombe /Kamande

- Grain aggregation, commerce and milling



Electric scales, sewing, refrigeration and grinding machines; large volumes of soybeans, sesame and beans for export.

02



Macanga

Namadende

- Gold mining, milling and agriculture



Generators/drillers, mills and refrigeration; gold and grocery/cereal cases with a turnover of 100,000 MZN/month.

03



Marávia

Nsadzu / Angombe /Kamande

- Commercial Agriculture, Tobacco, Oil & Transportation



Oil extraction, water pumps, grinding/peeling and cold chain; connection to local markets and regional exports.

04



Zumbo

Ulondo

- Trade, livestock, beverages and milling



Refrigeration for beverages/meat, milling and ICT/mobile wallet; Logistical isolation increases the value of conservation and local services.



ZAMBEZIA PROVINCE : PRE-CLUSTERING*



Cluster #3: Districts of Morrumbala

- Number of potential connections: + 8,500
- Number of sites: 10
- Installed capacity: +0.7 MWp
- Number of connections per site: +420
- Estimated Investment (CAPEX): ~4.2 M€.

Cluster #4: Districts of Milange and Morrumbala

- Number of potential connections: + 25,700
- Number of sites: 14
- Installed capacity: +1.8 MWp
- Number of connections per site: +900
- Estimated Investment (CAPEX): ~ 9.8 M€.

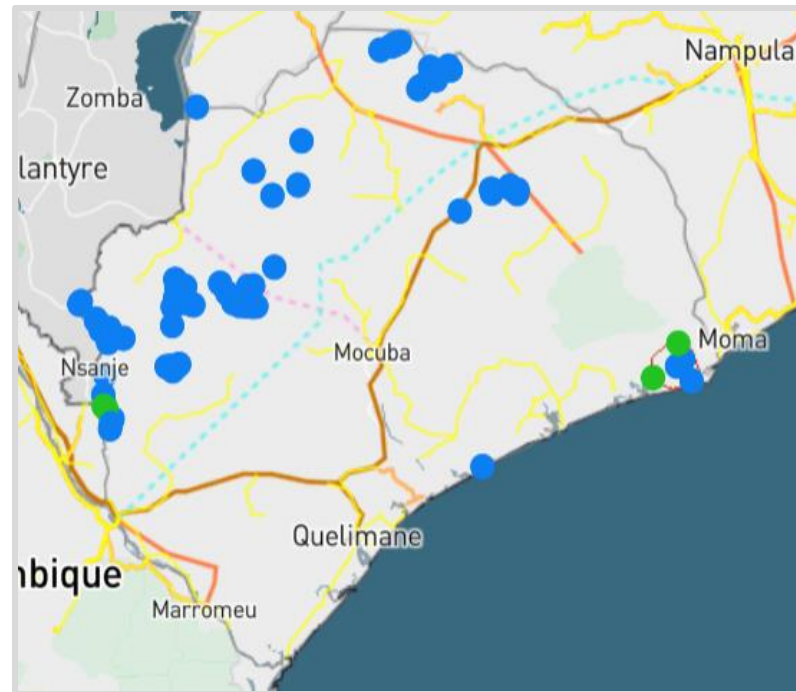
Cluster #5: Districts of Gurue and Alto Molocué

- Number of potential connections: + 12,000
- Number of sites: 18
- Installed capacity: +1.2 MWp
- Number of connections per site: +330
- Estimated Investment (CAPEX): ~6.7 M€.

Cluster #6: Districts of Naburi

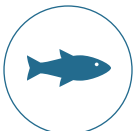
- Number of potential connections: + 13,000
- Number of sites: 8
- Installed capacity: + 0.7 MWp
- Number of connections per site: +750
- Estimated Investment (CAPEX): ~ 2.1 M€.

** Preliminary selection to be validated by MIREME*



ZAMBEZIA PROVINCE : IDENTIFIED PUE POTENTIAL



01	 Gurué Mapuagwia Grain aggregation, commerce and milling	Motor pumps, grinding/hulling and diesel reduction; Highlight for soybean, pigeon pea, rice and vegetable producers/associations.   
02	 Alto Molócuè Mutala / Mohiua Mining, milling, agriculture and honey	Electrical machinery, including pumps, grinding/peeling and storage; cases with a turnover of 100,000 MZN/month and potential anchor.   
03	 Pebane / Naburi Tomeia / Naburi Sede Commercial fishing and dried/fresh fish	Cold chain for fish and shrimp; business with sales to district, provincial and national markets.   
04	 Morrumbala Chire-Sede / Reis Livestock, trade and accommodation/milling	Meat/grocery refrigeration, welding, lighting and diesel generator replacement; 10–15 cattle/month sale case.   
05	 Mocuba / Milange Manganha / Tambone Trade, warehouse and agricultural products	Refrigeration, milling/workshop and agricultural storage; potential as aggregation points and commercial services.   

NIASSA PROVINCE : PRE-CLUSTERING*



* Preliminary selection to be validated by MIREME

Cluster #7: Districts of Metarica and Nipepe

- Number of potential connections: + 2,800
- Number of sites: 9
- Installed capacity: +0.4 MWp
- Number of connections per site: +500
- Estimated Investment (CAPEX): ~1.6 M€

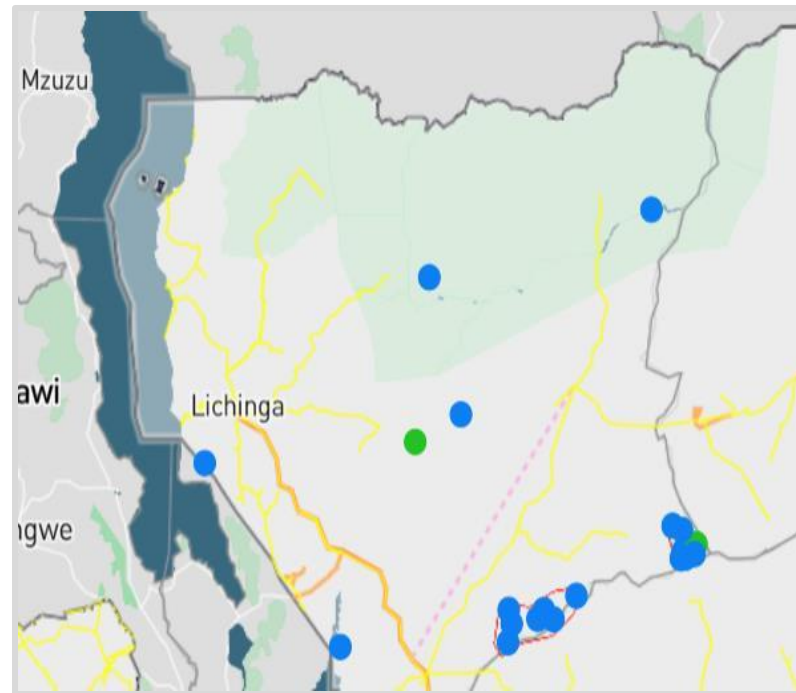
Identified PUE potential

District of Metarica and Nipepe

- Commerce, small mining, milling and agriculture



Electrical machinery for Agro-processing, water pumps; Highlight for corn, beans, cotton, sesame, peanut and soybeans producers.



Pre-selected sites and clusters in Niassa province

**THANK YOU
OBRIGADO**

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