



MICROENERGY
CONSULT

Africa

Madagascar



Project Description:

MEI was commissioned to conduct a pre-feasibility study for the electrification of targeted rural areas in the two regions, by prioritizing renewable energy in the energy mix. The pre-feasibility study explores the possibilities for wind and solar energy to feed into several mini-grids of the rural areas.



Renewable Electricity Supply for Rural Communities



Services

Technical Assistance



Topics

Clean Energy Technologies



Date

June – August 2014



Partners

3e,
Market and Social Insight
(MSI)



Clients

Project Pôles Intégrés de
Croissance (PIC)



Beneficiaries

Remote off-grid
communities,
households and SMEs

Services Provided:

- Assessment of investment budgets and operating costs: overview of investment costs per location (among them potential costs to replace equipment), as well as operating and maintenance costs
- Assessment of ability and willingness to pay for the electricity for companies, industries and commercial partners, according to different energy technologies
- Assessment for the required subsidy level according to the identified market barriers
- Establishment of different business models for viable energy distribution which will facilitate the region's income generating activities, and more generally economic development.
- Action plan proposition to implement such mini-grids

Energy technologies & energy uses:



Solar



Wind



Mini
Grid

Contact: consulting.projects@microenergy-international.com