

# **Best Practices Green Business Area in Mali**

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Enabling Enterprise Development: A Selection of  
Best Practices in Harnessing Distributed Energy  
for Productive Uses (Webinar)



- ▶ Productive uses of energy
- ▶ Focusing on small businesses
- ▶ Pilot action-research project



## Targets

- Domestic stoves
- Economic operators
- Social/community stakeholders
- Government

## A methodology can be completed by...

- Analysis of economy dynamics
- Vulnerability assessment

## Types of energy

- Electricity
- Oil
- Wood - charcoal

# RURAL ENERGY ASSESSMENT

## Tools

- Measuring energy consumption
- Geographical Information System
- Comprehensive survey
- Qualitative survey
- Database of references and case studies

## Deliverables

- Thematic maps
- Current and future modelling of energy demand
- Analysis of energy sources
- SWOT analysis of energy access





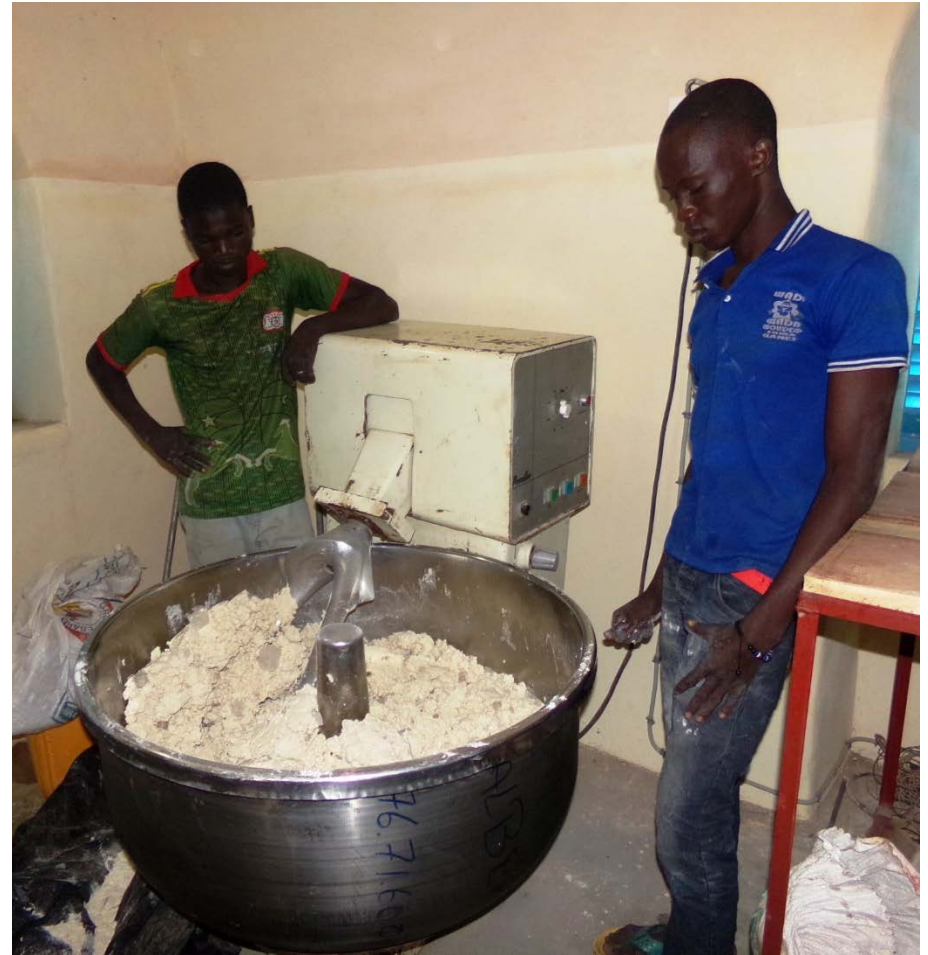


- ▶ Based on the previous observations, GERES and AMEDD are presently testing a dedicated solution for rural businesses: a **Green Business Area (GBA)**.
- ▶ The GBA provides high quality electricity from 100% renewable energy (solar PV – jatropha) to MSMEs in Konseguela.
- ▶ Key features:
  - Solar panel (12,5 kWp)
  - Jatropha oil generator (16 kVA)
  - Facilities (600m<sup>2</sup>) are built using the Nubian Vault method



- ▶ 60% of the space are now filled
- ▶ 8 small local businesses installed
- ▶ 65 jobs created or secured
- ▶ Investment +450k€, consolidated turn over 65,000 euros
- ▶ 7 MWh charged / up to 20 MWh available
- ▶ 1 MWh produced generates a turnover of 10 000 Euros

- ▶ Adapted to local businesses needs in rural areas
- ▶ Governance
- ▶ Quality of the infrastructure = high quality of electricity
- ▶ Diversity of enterprises
- ▶ Target few strategic enterprises





- ▶ Business Development support activities: technical and managerial capacity building
- ▶ Access to finance schemes with enhanced conditions for MSMEs
- ▶ Energy saving and energy efficiency activities
- ▶ Hybridation Solar PV/Jatropha Oil



**Thank you for your attention !**

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