



# ADEL – Local Economic and Development Agency of Sofala Province

## Mozambique

### Improved Cook stoves

*Saving energy and opportunities for business*

Project with VE Denmark



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Proceedings at: [http://www.inforse.org/europe/conf11\\_COP17.htm](http://www.inforse.org/europe/conf11_COP17.htm)

# 1. Problem

- More than 80% of 22 M Mozambican depends exclusively on biomass for cooking and other activities.
- This situation will remain the same for many years affecting negatively local and global environment, including degradation of health condition for the users.



## 2. How? LEDC : Local Apropriation and decentralization

- Communities participate on the LED: mobilization, planning, access to information and implementation of energy sustainable solutions
- Produce improved stoves repairing of photo-voltaic systems, running saving and micro credit groups and other topics.



### 3. Impact

- Created alternative income for more than **50 people** involved in the production and has a great impact on users (**saving of up to 40 % energy.**)
- **28.000 stoves** of different categories have been **produced and sold.**
- Established **business company** to build and sell institutional stoves





## 4.challenges

- Covering the whole value chain of biomass energy
- Expanding the production of improved stoves to the whole country through capacity building of local organizations
- Introducing concept of carbon credits to finance the sustainability of the stove program



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