



## **FEDESMO: Sustainable Energy and Development Forum of Mozambique**

FEDESMO consists already of more than one hundred members (national non-governmental and community-based organizations and research and government institutions), even if it was formally established as late as September 2011.

**The forum aims to** become a prominent national facilitator of best practice and policy development regarding pro-poor, adapted energy solutions.

**The forum's thematic focus** is to improve the entire value chain of charcoal. The two main components are cooperation with charcoal producers to make charcoal production more sustainable and to make sure that improved cook stoves are produced and used widely.

### **The motivation for establishing the forum**

- Over 80% of Mozambicans are daily practicing inefficient and unsustainable use of wood and charcoal for their cooking.
- The production of charcoal is inefficient and unsustainable.
- Lack of access to knowledge and affordable technologies have limited massive use of sustainable energy solutions.
- Use of improved charcoal production methods doubles the output of charcoal compared to traditional methods and efficient cook stoves need only half as much charcoal as the traditional ones.

### **Main activities**

- Individual members are contributing with their local community experiences on practical energy projects.
- Forum members and community representatives are participating in exchanges of experiences on sustainable energy, climate change and development.
- Practical training is given to local groups and entrepreneurs producing charcoal and improved stoves.
- Sustainable use of energy and natural resources are promoted towards government bodies and in media and social networks, based on what the forum members have experienced to be the most important barriers and good practices.
- The forum is lobbying for new concession requirements for charcoal producers to apply improved technologies in forest management.

### **Practical projects by individual members**

FEDESMO's success builds on experiences gained from long-term cooperation with a few lead organizations. FEDESMO is using their experiences on technologies and dissemination strategies to initiate and facilitate un-experienced member organizations and communities to work with "access to energy services".

**ADEL-Sofala** is since 2004 running a project called "Sustainable Energy Activities in Local Areas of Mozambique", now operating in six districts in Sofala province. The project is demonstrating how sustainable energy solutions can be achieved by organized communities, through Local Energy and Development Committees, with "local appropriation and decentralization" as the main philosophy. The Danish organization VedvarendeEnergi is the main partner for this project, made possible with DANIDA funds.

**KULIMA** is running a project called "Promotion of improved stoves in Mozambique", operating in 30 districts in Maputo City and five provinces. KULIMA is introducing improved cook stoves as a way to reduce the fuel consumption and indoor air pollution significantly. The approach is to work through trainings of local activists and agriculture committees, who disseminate the new technologies. Local stove producers are supported, both in the production and the marketing of the stoves.

**Livaningo** is running a project called "Sustainable Energy Development in the Context of Climate Change", operating mainly in low-income communities in Maputo City. The project will reduce the environmental impacts of biomass energy (firewood and charcoal); improve the health of women and children, who are most exposed to indoor air pollution; and generating income based on the marketing of improved stoves. Livaningo is cooperating with community-based organizations and schools, and also supporting the creation of Local Energy and Development Centres.



**Naturvernforbundet**  
Friends of the Earth Norway

Naturvernforbundet/ Friends of the Earth Norway has supported the establishment of FEDESMO and is now supporting it professionally and financially, made possible through a five-year grant from Norad.

Naturvernforbundet started working in Mozambique by cooperating with ADEL-Sofala and VedvarendeEnergi within the SEALAS project since 2008.



*Biomass energy is becoming more and more scarce.*



*Few ones are benefiting from the improved technologies, but millions are waiting for assistance to move them to change.*



*Traditional charcoal production kiln pack up. The way the wood is packed gives big losses during burning, producing less charcoal than it could be possible.*



*FEDESMO workshop with charcoal producers from all over the country and government representative from Wildlife and Forest Directorate. FEDESMO is promoting the improved Casamance technology of charcoal production and that charcoal concessions are given only to producers using improved technologies.*

AGRINHA APIDEM LIVANINGO AMDEC ASSOPOMAZ  
 CDCM LIVANINGO CADM DPCA FUNAE KSM RADEZA  
 DIPREME **SUSTAINABLE ENERGY AND** ANA/NPL  
**DEVELOPMENT FORUM OF MOZAMBIQUE**  
 ACUDES ASA CGRN AIPDC  
 SE-RIXILE DPREMES DPA ADEL SOFALA SPFFB CCM  
 ABIODES KULIMA CLED APOCAVES ADECOMU/OPTAR

# FEDESMO

**“Promoting sustainable use of biomass energy”**



## MISSION

**Promotion of sustainable energy policies integrated in Mozambican policies, through dialogue, participation of all sectors, lobbying, advocacy, capacity building, and shared intervention of integrated activities of sustainable energy and development.**

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