

Sustainability criteria for biofuels – a Mozambican approach

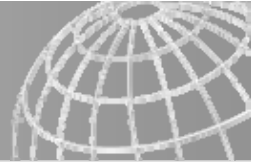
GTZ - ProBEC Mozambique

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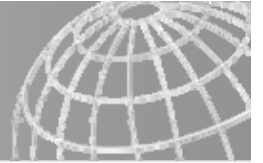
The Programme for **Basic Energy and Conservation (ProBEC)** is a **SADC** project, implemented by the German Development Co-operation, **GTZ**.

ProBEC aims to satisfy **energy requirements for low-income population** groups in a **socially and environmentally sustainable** manner.

It targets **rural and urban** households, as well as **small business** and **institutions**.

The primary goal is to enable a **better quality of life** for local populations by ensuring **basic energy security** and access for low income groups.





Currently **ProBEC** is actively involved in **Malawi, Lesotho, Mozambique, South Africa, Tanzania, Zambia and Zimbabwe**, and is in negotiation to set up further activities in Botswana, Namibia, and Swaziland.

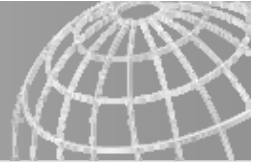
In Mozambique ProBEC consists of:

Urban Program – Maputo, since 2006

Rural Program – Manica, since 2004 and Sofala, since 2007

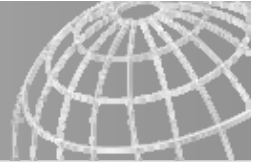
Biofuel Component – since mid 2007



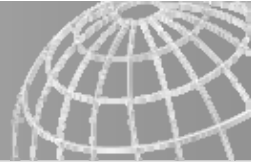


ProBEC focus areas for our Biofuel Component are:

- **Sustainability criteria for biofuels**
- **Socio-economic aspects of biofuels**
- **Build ProBEC, SADC Secretariat and other partner knowledge**

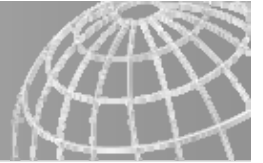


- Support **social and environmentally sustainable production** of biofuels in the SADC region.
 - Technical assistance to governments on **international development** of **sustainability criteria**
 - Facilitate national **development of sustainability criteria for biofuels**
 - Support a **working group** within the **National Biofuel Task Force of Mozambique** on developing national sustainable criteria for biofuel
 - Assist GTZ HQ in **field testing of the Cramer proposal** (Dutch sustainability criteria)



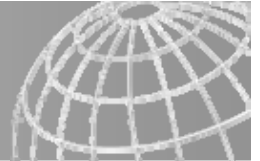
- Deepen the knowledge on **socio-economic aspects** of biofuel production:
 - **Bio-oil** scoping exercise with TechnoServe analyzing **feedstock compatibility** and the **economics** of the **bio-oil crop value chain**.
 - Technical input on **sustainability criteria** and **socio-economic impact** for a large-scale **sugar cane project** initiated by the **GoM**.

- **Additional activities**
 - **Regional monthly newsletter** to improve SADC communication and cooperation
 - **Mapping of national projects**, investments and key players
 - One **GTZ expert** on biofuel based in the **SADC Secretariat** (late 2008)
 - “Crop decision tool” for biofuel practitioners in SADC.



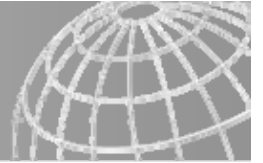
- > To provide a **responsible** and **environmentally friendly** development of an international biofuel industry, **regulation, monitoring and control** is needed.

- > Several initiatives to promote sustainable production exist, ranging from;
 - **voluntary commitments** of experts developing sustainability criteria in the form of the Roundtable of Sustainable Biomass (RSB);
 - **national proposals** (UK, the Netherlands, Germany); or
 - **multinational initiatives** (European Commission).



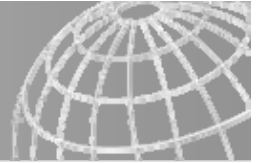
Work on sustainability criteria in Mozambique

1. Government of Mozambique commissions a Biofuel Assessment Report (BAR), analyzing the state of play in the sector, optimal feedstock selection, export market demand, environmental considerations, etc.
2. Presentation of preliminary findings of BAR during 2 day Conference. Broad spectra of actors invited and extensive consultation resulted in a redrafting of preliminary results.
3. Ministry of Agriculture, (CEPAGRI) together with GTZ-ProBEC organized a workshop in Maputo to discuss:
 1. the **international development** of sustainability criteria (UK, Dutch, EC).
 2. the **Mozambican response** to the request of the EC to feed in to their proposal for sustainability criteria.
 3. what **challenges** and **opportunities** the international development of sustainability criteria poses for **Mozambique**.
4. *Implementing proposals and results from the sustainability workshop (future).*
5. *Start drafting a national policy on biofuels (future).*



Workshop conclusions and next steps for Mozambique - I

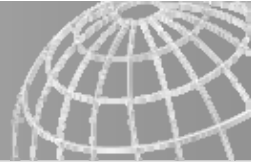
- International development of sustainability criteria (UK NED EC RSB)
 - Important to establish regulation for production of biofuels, **independent** of target markets for production, in order to guarantee
 - » national sustainability
 - » maximize social and economic benefits of production for Mozambicans.
 - There was no specific discussion on whether or not the principles for the national system should take the form of a certification system.



Workshop conclusions and next steps for Mozambique - II

Mozambican challenges from implementing sustainability criteria :

- Compliance for small scale farmers.
- Cost of setting up a certification and monitoring system.
 - Administrative burden for Mozambique to comply with advanced accreditation system.
 - Harmonize existing legal system.
- Lack of **knowledge** regarding legal instruments relevant to sector.
- Lack of **capacity** in **implementing** and supervising relevant laws.
- Lack of **efficient institutions** supporting a strengthened **land administration** system.



Workshop conclusions and next steps for Mozambique - IV

Operationalise the Biofuel Task Force sub-group on development models for national/regional sustainability criteria.

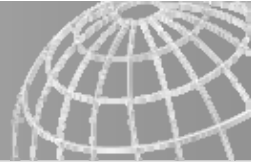
Coordinate a legislative overview of regulation affecting biofuel investment.

Identify “like-minded” countries and actors for joint awareness-raising.

Analyze the differences in the legal framework in Mozambique and the international proposal for biofuel regulation.

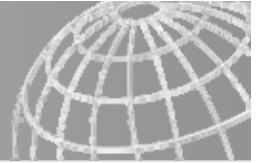
Follow the international policy development closely in order to stay pro-active and informed.

- Joint letter from Brussels embassies to the EC, the EP and the Council of Ministers, demanding a participatory process for potential sustainability criteria drafted within the Fuel Quality Directive.



Questions raised in Mozambique:

- What is requested from Mozambique in order to comply with the proposed criteria?
- Are the proposed criteria feasible for Mozambican biofuel production?
- What challenges will arise in implementing monitoring and reporting on biofuel production performance?
- What support will be offered to biofuel trading partners to facilitate compliance with proposed criteria?
- Is there space for a regional sustainability scheme or better support voluntary initiatives?



Thank you.

