



SADC Biofuels State of Play : **Policy Initiatives of the SADC Biofuel Task Force**

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Background:

SADC Biofuels Implementation Plan

- Response to 2005 Feasibility Study
- Indicative implementation plan developed in 2006.
- 5 Main Expected Outcomes:
 1. Increased **Awareness** of the Potential for the Production of Biofuels in the SADC region
 2. Effective National and Regional **Structures** for Executing the SADC Biofuels Programme
 3. National and Regional **Policies and Strategies** for the Production and Marketing of Biofuels
 4. Regional Biofuels **Training** and **Research and Development** Programme
 5. **Budget and Financing** Plan for the SADC Biofuels Programme
- Current Status:
 - Not implemented due to lack of resources
 - Task force concept developed in 2008 a partial response to this.



SADC Biofuel Taskforce: Mandate

*“The Taskforce aims to further the development of a competitive and sustainable biofuels industry within southern Africa. It will utilise biofuels as a platform for the sustainable development of the SADC region, for enhancing **energy security, renewable energy development**, contributing to **tackling climate change and poverty alleviation.**”*

Ensure coherence between regional initiatives and the development of national biofuels programmes in SADC Member States.

- **Policy** and regulatory framework/ **market** development/ **sustainability** of biofuels production and use/ **skills** development / **technology** cooperation and transfer/ **financing** and incentives (carbon finance?!) / collaborative **research** and development with international cooperating partners.



SADC Biofuel Taskforce: Members

Chair: Head of SADC Energy Unit, presently Mr. Freddie Motlhatlhedhi

Members: SADC Member States ministries responsible for Energy supported by ministries of Agriculture, Forestry, Climate etc.

Observers: ICPs and Technical advisers/ experts invited by SADC and Member States as necessary.



SADC Biofuel Taskforce: Activities

- **Taskforce as meeting forum**
 - Formalised communication channel between SADC Secretariat and Member States. (Regional biofuel taskforce – National biofuel taskforces)

- **State of Play study**
 - Regional screening exercise on biofuel developments. To be used for informed policy making as well as supporting monitoring of sector.
 - Completed detailed reviews of 12 member states.

- **Best practice studies**
 - Malawi sugar cane to ethanol/out-grower schemes (Sucoma/Dwangwa)
 - Tanzania small/medium-scale production of biodiesel (Diligent Tanzania)
 - Mozambican benchmarking experience on sustainability schemes



SADC Biofuel Taskforce: Activities

- **Policy Support Tool** (crop decision making tool)
 - SADC has commissioned a policy development support tool upon MS request. Tool will be used by MS that lack biofuel policy or by MS drafting its implementation strategy.
 - Tool developed in close collaboration with its users. First draft consultation early December. Workshop use of tool in 5 countries during 2010.

- **Proposed draft paper on Regional Biofuels Sustainability framework**
 - Framework would serve as a high-level commitment to sustainable biofuel production in SADC. Implementation and national adaptation will take place on national level.

- **Elaboration of national strategies on biofuels**
 - SADC actively supports the development of national biofuel strategies through its technical advisors.



State of Play: Countries Surveyed to Date and Planned

| | | | | | |
|-----------------------------------|------------------|-------------------|---------------------|-------------------|-----------------|
| Countries surveyed to date | Malawi | Zambia | Tanzania | Mozambique | Botswana |
| | Swaziland | Zimbabwe | South Africa | DRCongo | Namibia |
| | Angola | Madagascar | | | |

| | | | | | |
|---------------------------------------|------------------|----------------|--|--|--|
| Countries still to be surveyed | Mauritius | Lesotho | | | |
|---------------------------------------|------------------|----------------|--|--|--|



Preliminary Findings

- Two Member States have developed **national biofuels policies**:
 - South Africa: Industrial strategy approved 2008.
 - Mozambique: Strategy and Policy approved March 2009.
- Others are in advanced stages: Swazi, Zambia, Malawi, Tanzania, Botswana.
- Several MS are developing **biofuel technical standards**, generally based on international standards. Regional coordination missing.
- National **agricultural suitability assessments** for biofuels are relatively infrequent, though most MS have done land zoning for other crops and purposes.
- **Sustainability issues** are recognised by most MS but only Moz., Tanz. and Swazi are assessing how to make use of internationally-recognised criteria.
- A variety of **financial incentives** are proposed, primarily through reductions in taxes and levies rather than direct grants. Regional coordination missing
- **Jatropha** production is by far the most common application for bio-diesel, and is found in both small- and large-scale applications. Few viable projects were found. Jatropha industry is still in **trial phase**.
- For **ethanol**, Malawi remains the only major producer (from sugar cane) but initiatives are underway in Moz. Tanz., Zimbabwe, Zambia and Angola..



Where Are We?

SUMMARY OF SADC STATE OF PLAY STUDY TO DATE

| Items | Member States | | | | | | | | | | | |
|----------------------------------|---------------|-------------------|-------------------|------------|------------|------------|----------|--------------|------------|------------|------------|---------|
| | Malawi | Zambia | Tanzania | Mozambique | Botswana | Swaziland | Zimbabwe | South Africa | Angola | Madagascar | DR Congo | Namibia |
| Agricultural Zoning | No | Food crop mapping | Food crop mapping | Yes | Yes | No | No | Yes | No | No | No | No |
| Quality Standards | Yes ethanol | Yes | In process | No | In process | In process | No | In process | No | No | In process | No |
| National B/F Policy | No | No | In process | Yes | No | In process | No | Yes | In process | No | In process | No |
| Investment Centre for B/F | No | No | Yes | Yes | No | No | No | No | Yes | No | No | No |



Way forward..

- Most MS expect to have biofuel policies approved in 2010. Biofuel sector development is high on most MS's agenda.
- SADC Biofuel taskforce is due to meet at least twice a year and will make an extra effort to further include representation from agriculture, forest, environment, planning, finance, etc.
- SADC will by mid-2010 have a Policy Support Tool and a Sustainability Framework.
 - Both documents need to be adopted to national conditions and priorities set for optimal up-take and institutionalisation.
 - 5 national workshops in 2010 organised by SADC+GTZ
- SADC Renewable Energy Strategy (REEEP/Finland)
- Additional SADC officers (NORAD)



Way forward, cont.

- SADC Secretariat and its biofuel taskforce is looking for support from donors and strategic partners in relation to:
 - Enhance present activities that can add value to existing project and processes
 - Continuity for existent technical advisors and potentially additional technical advisors to be connected to the Secretariat
- Areas of collaboration put forth by SADC are:
 - Continued implementation of sustainability guidelines following GTZ exit (2010)
 - Development of regional technical standards for biofuels
 - Harmonisation of policies to encourage regional biofuels trade
 - Assistance to member states in developing policies for sustainable biofuels development



Thank you for your attention.