



International Conference 'Bioenergy Policy Implementation in Africa'

Round Table 1

Land use and the food-fuel conflict in Africa

27 May 2009, Lusaka, Zambia



FANRPAN
Food, Agriculture and Natural Resources Policy Analysis Network

CEEEZ

Centre for
Energy, Environment and
Engineering Zambia Limited

Round Table 1

Land use and the food-fuel conflict in Africa

Chair: Dr. Rocio Diaz, Imperial College, United Kingdom

Introductory Presentation: Dr. Helen Watson, University of KwaZulu-Natal, South Africa

Panellists

- Mr. Wisdom Ahiataku-Togobo, Ministry of Energy, Ghana
- Mr. Hamza Hassane, Ministry of Mines and Energy, Niger
- Mr. Rainer Krell, FAO
- Mr. Maxwell Mapako, CSIR, South Africa
- Mr. Adamou Bouhari, UNEP, Division of GEF Coordination (DGEF)
- Mrs. Angeline Kahari, SNV Netherlands Development Organisation

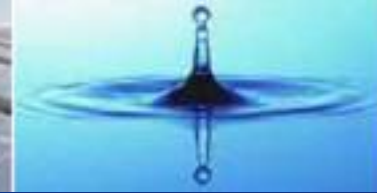


Round Table 1 - Policy Recommendations

- Food and fuel no contradiction in Africa
- Planning, resources into agriculture, underresourced (always food problem)
- Solve own issues first, growth of agriculture

- Traditionally links between food and fuel production (wood, charcoal)
- Intercropping for 1-2 years (for liquid biofuels)

- Land to investors (sell, lease)
- Traditional versus state authorities, dual not synchronised
- Investor required to grow food (specify target)
- Role of local people (shareholders, workers)
- Local value creation



Round Table 1 - Policy Recommendations

- **Zoning activities by Governments**
- **Regional integration on policies**

- **Barriers (land tenure, pastoralism, certification)**
- **Link with international conventions (UN on land degradation, biodiversity, climate change)**
- **Enabling environment for policies**
- **Involve stakeholders on livestock, environment, social development**

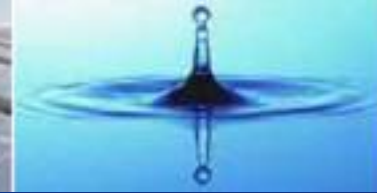
- **FAO Tools to manage complexity (impact on food), tested in Tanzania, both products can be produced as long as planning is done properly**
- **Pay attention to local, national details; national conditions important for planning process**



Round Table 1 - Policy Recommendations

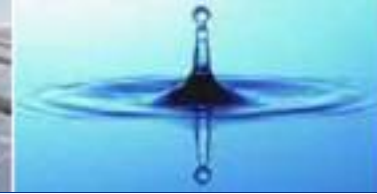
- Detailed planning
- Different land tenure rights
- Issues not solved by bioenergy, but work with more emphasis
- Investment down in agriculture, bioenergy to increase investment (opportunity)

- Planning based on solid and scientific methodologies and data, tools



Round Table 1 - Policy Recommendations

- **Investment opportunity, has the business case been made**
- **Zambian development agency, institutions looking at whole case, centralised decisions (difficult for chiefs)**
- **Short and long time planning process, see opportunities, impact of biofuels development in Africa**
- **Capacity building at local level**
- **Local consumption or export?**
- **Use unutilised land, arid land main source of feeder, careful when developing policies, also cattle feed**



Round Table 1 - Policy Recommendations

- **Agricultural production leading in employment**
- **Leave decision to farmers on local scale, nat. policies for informed decisions**
- **Scientific data important, system approach, considering full complexity (part of strategy development)**
- **Clear on focus and objectives, on different levels**
- **Overall objective: well-being**
- **System needs to be flexible, multipurpose crops.**
- **Allocating land to certain crops reduces flexibility**
- **Participation, transparency, knowledge flow for informed decisions by farmers**
- **Planning non prescriptive**



Round Table 1 - Policy Recommendations

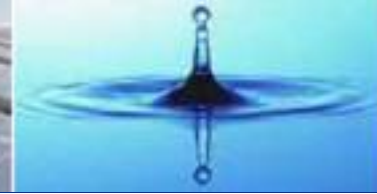
- **Need for flexibility**
- **Planning and coordination of investment by Government, how can this be done in time**
- **Planning, zoning, mapping, development of agriculture, no conflicts will arise**
- **Land in not issue, issue of productivity (1.8 instead of 10 mio t yield)**
- **Not focus on marginal, degraded, waste land**



Round Table 1 - Policy Recommendations

- Land issue in ZA is problem, unequal distribution of land
- Consultation all stakeholders
- Land tenure
- Investment centres, incentives

- Use global forum for sust. Biofuel production in Africa, Conf. Copenhagen
- Capacity building
- Int. dialogue level, determine export in future; EU creating standards, will not impose, invited for dialogue



Round Table 1 - Policy Recommendations

- **Natural resource management, enrichment (soil, water)**
- **Trad. authorities may oppose central planning**
- **Land use should be regulated into consideration food and other uses,**
- **Coop sector agencies energy, trade, env.**