



International Workshop
‘Bioenergy Policies
for Sustainable Development in Africa’

25-27 November 2008

Bamako, Mali

Workshop Programme - Draft

Workshop Venue:

To be confirmed

Workshop coordinators/contact points:

Dr. Ibrahim Togola, Mali-Folkecenter (ibrahim.togola@malifolkecenter.org)

Dr. Rainer Janssen, WIP, Germany (rainer.janssen@wip-munich.de)

Dr. Douglas Merrey, FANRPAN, South Africa (djmerrey@fanrpan.org)

This workshop is implemented in close cooperation with the United Nations Environment Programme (UNEP), and the Roundtable on Sustainable Biofuels (RSB), an initiative of the EPFL Energy Centre. The workshop programme will include a RSB Regional Consultation for West Africa on 26 November.



COMPETE is co-funded by the European Commission in the 6th Framework Programme – Specific Measures in Support of International Cooperation (INCO-CT-2006-032448).

The COMPETE Project

COMPETE Objectives

The Competence Platform on Energy Crop and Agroforestry Systems for Arid and Semi-arid Ecosystems – Africa (COMPETE) will establish a **platform for policy dialogue and capacity building** and identify **pathways for the sustainable provision of bioenergy**



- to improve the quality of life and create alternative means of income for the rural population in Africa
- to aid the preservation of intact ecosystems in arid and semi-arid regions in Africa
- to enhance the equitable exchange of knowledge between EU and developing countries

COMPETE Activities

COMPETE will deliver a matrix of multi-disciplinary and cross-sectoral work-packages

- to evaluate current and future potential for the **sustainable provision of bioenergy** in Africa in comparison to existing land use patterns and technologies
- to facilitate **South-South technology and information exchange** capitalising the world-leading RD&D in bioenergy in the key countries Brazil, Mexico, India, China and Thailand
- to develop **innovative tools for the provision of financing** for national bioenergy programmes and local bioenergy projects, including: carbon credits, bilateral and multi-lateral funding instruments, and the role of international trade
- to develop **practical, targeted and efficient policy mechanisms** for the development of bioenergy systems that enhance local value-added, assist local communities and address gender inequalities
- to establish the **Competence Platform** to ensure effective dissemination and knowledge exchange inside and outside the network

COMPETE Partnership

The COMPETE partnership comprises 20 European and 23 non-European partners - 11 partners from 7 African countries, 3 regional African policy and financing bodies (African Development Bank; Food, Agriculture and Natural Resources Policy Analysis Network of Southern Africa; UEMOA - Biomass Energy Regional Program), 9 partners from Latin America and Asia - and the Food and Agriculture Organisation of the United Nations (FAO).

COMPETE Website: www.compete-bioafrica.net

Workshop Organisation

This international workshop is organised by Mali-Folkecenter and WIP Renewable Energies, Germany, in cooperation with the Food Agriculture and Natural Resources Policy Analysis Network (FANRPAN), South Africa, in the framework of the project COMPETE, funded by the European Commission, DG Research.

Furthermore, this workshop is implemented in close cooperation with the United Nations Environment Programme (UNEP), and the Roundtable on Sustainable Biofuels (RSB), an initiative of the EPFL Energy Centre.

Workshop Objectives

The main objective of this workshop is to contribute to the development of sound and successful bioenergy policies in Africa.

For this, it is necessary to share the findings of on-going policy initiatives in Africa and to discuss future developments with high-level decision-makers from Africa with the aim to promote the development of bioenergy policies in Africa.

Today, it is widely accepted that coherent bioenergy policies in Africa are urgently needed on national, regional and international level to:

- **Exploit the benefits of innovative bioenergy solutions** with respect to sustainable rural development and improved livelihoods, increased energy access and income generation, alternative markets for agricultural products, security of energy supply, and diversification of energy sources
- **Avoid the dangers of negative social and environmental implications**, with regards to land competition, land ownership, insufficient value creation for local farmers, and the 'fuel versus food' debate.

In order to contribute to the workshop objectives the workshop programme will include a RSB Regional Consultation for West Africa on 26 November.

COMPETE workshop coordinators/contact points:

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Participants of this COMPETE workshop will include decision makers from several African countries, representatives from the Private Sector, NGOs, the donor community, FAO, UNEP, international initiatives as well as national and international energy experts and stakeholders.

Workshop Programme

TUESDAY 25th NOVEMBER 2008

08:00 – 09:00 Workshop Registration

Opening Session

09:00 – 09:10 Welcome Address by the Host Organisation
Dr. Ibrahim Togola, Mali-Folkecenter

09:10 – 09:20 Welcome Address by the Round Table on Sustainable Biofuels
Sebastien Haye, Round Table on Sustainable Biofuels (EPFL)

09:20 – 09:30 The EC Project COMPETE – Activities and Results
Dr. Rainer Janssen, COMPETE Project Co-ordinator, WIP, Germany

09:30 – 10:00 Official Opening Addresses
Representative from Mali Government, Ministry of Energy,
by the Minister (tbc)
Representative from Mali Government, Ministry of Agriculture,
by the Minister (tbc)

10:00 – 10:30 Coffee Break

Session 1: Bioenergy Policies and Strategies in Africa

Chairs: to be identified

10:30 – 10:45 Bioenergy Policies in Mali – Agriculture and Land Use Issues
Director of Agriculture

10:45 – 11:00 Bioenergy Policies in Mali – Environmental Issues
Director of Natural Conservation

11:00 – 11:15 Bioenergy Policies in Mali – Issues of Energy Supply and Energy Security
Director of Energy

11:15 – 11:35 COMESA Strategies in the field of Biomass and Bioenergy
Dr. Angel Daka, COMESA Coordinator CAADP Pillar 3

11:35 – 11:55 Bioenergy Policies in Tanzania
Estomih Sawe, TaTEDO, Tanzania

11:55 – 12:15 UEMOA Strategies in the field of Biomass and Bioenergy
Mamadou Dianka, UEMOA – Biomass Energy Regional Programme, Burkina
Faso

12:15 – 12:30 Discussion

12:30 – 14:00 Lunch Break

Session 2: Bioenergy Initiatives for Sustainable Rural Development in Africa

Chairs: to be identified

14:00 – 14:20 Jatropha-fuelled Rural Electrification Project in the Village of Garalo –
Case Study implemented within the Mali World Bank Programme
Ismael Toure, Director General AMADER, Mali

14:20 – 14:40 Case Study of Successful Commercial Jatropha Plantation in Ghana
Ohene Akoto, Jatropha Africa, Ghana

14:40 – 15:00 to be identified

15:00 – 15:20 Discussion Round on 'Financing Sustainable Biofuel Projects in Africa'

15:20 – 15:50 Coffee Break

Session 3: The Trade-offs of Bioenergy in Africa – Ensuring Sustainability

Chairs: to be identified

15:50 – 16:10 Aim and Objectives of the Round Table on Sustainable Biofuels (tbc)
Annie Sugrue, Round Table on Sustainable Biofuels (RSB), South Africa

16:10 – 16:30 Biofuels and Agriculture in Africa – The Land Use Issue
Dr. Helen Watson, University of KwaZulu-Natal, South Africa

16:30 – 16:50 Ensuring the Sustainability of Jatropha Production
Dr. Guido Reinhardt, IFEU Institute, Germany

16:50 – 17:10 to be identified
Representative from FACT Foundation

17:10 – 17:30 to be identified
Dr. Charles Jumbe, FANRPAN, South Africa

17:30 – 18:00 Discussion Round on 'Ensuring Sustainability'

WEDNESDAY 26th NOVEMBER 2008

Round Table 1 (08:30 – 10:00)

Bioenergy Policy Development for Africa – The COMPETE Declaration on Sustainable Bioenergy for Africa

08:30 – 09:45 Round Table Discussion

Chair: Dr. Ibrahim Togola and Dr. Rainer Janssen

Rapporteur: to be identified

Panellists:

- Mali Govt. representative
- Mamadou Dianka, UEMOA, Biomass Energy Regional Programme
- Dr. Angel Daka, COMESA
- Dr. Jeremy Woods, Imperial College, UK
- Dr. Veronika Dornburg, Utrecht University, The Netherlands

09:45 – 10:00 Conclusions Round Table 1

10:00 – 10:30 Coffee Break

Regional Consultation West Africa – Round Table on Sustainable Biofuels (10:30 – 18:00)

10:30 – 10:45 **Welcome**

10:45 – 11:30 **The Need for an International Standard**

- Introduction to the Roundtable on Sustainable Biofuels and introduction of the principles and criteria as defined through the consultative process
- The Experience of multi-stakeholder standardization projects

11:30 – 13:00 **Break-out Session: Criteria for Environmental Performance**

In smaller groups, draft criteria related to environmental sustainability of biofuels will be discussed. Main topics include:

- Protection of High Conservation Value areas (biodiversity, ecosystem services...)
- Sustainable management of water and soil
- Greenhouse Gas balance
- Impacts of land use change (direct and indirect) on biodiversity and GHG balance
- Biotechnologies

13:00 – 14:00 Lunch Break

14:00 – 15:30 **Break-out Session: Criteria for Social Performance**

In smaller groups, draft criteria related to social impacts of biofuels will be discussed. Main topics include:

- Community consultation
- Labor and land rights
- Rural development
- Food security

15:30 – 17:00 **Break-out Session: Implementation**

In smaller groups, issues related to implementation will be discussed, e.g. barriers to implementing sustainability criteria, the roles of various actors in the supply chain, the way to implement sustainability on small scale production.

17:00 – 17:30 **Report back, discussion, summary**

17:30 – 18:00 **Perspectives and Outlook**

Closure of COMPETE Workshop and RSB Regional Consultation

18:00 – 18:30 Dr. Ibrahim Togola, Mali Folkecenter
Dr. Rainer Janssen, COMPETE Project Co-ordinator, WIP, Germany
Sebastien Haye, Round Table on Sustainable Biofuels (EPFL)

THURSDAY 27th NOVEMBER 2008

Technical Tour (08:30 – 10:00)

Visit to the *Jatropha*-fuelled Rural Electrification Project for 10.000 People in the Municipality of Garalo

07:00 – 10:00	Transfer from Bamako to Garalo by bus
10:00 – 15:00	Visit to the Garalo Rural Electrification Project
15:00 – 18:00	Transfer from Garalo to Bamako by bus

Garalo Bagani Yelen – A New Paradigm of Energy for Sustainable Development



In the context of climate change and ever more expensive and insecure fossil fuel supplies, MFC Nyetaa has been working for 7 years to develop pilot projects to demonstrate that pure *Jatropha* oil can fuel Mali's future development in a sustainable way, to the benefit of local people. These projects, focusing on pure *Jatropha* oil (*see photo, woman collecting Jatropha seeds*) as a diesel substitute for multi-functional platforms, transportation and rural electrification, are acting as a model for future electrification projects in Mali, West Africa, and internationally.

MFC Nyetaa, in collaboration with its partners, has embarked on the implementation of a large scale *Jatropha*-fuelled rural electrification project in the village of Garalo in the Sikasso region of southern Mali. Based on the long standing request of the population to have access to modern energy, the commune of Garalo is setting up 1 000 ha of *Jatropha* plantations to provide the oil for a 300 kW power plant that will provide clean electricity for more than 15 years. MFC will organize the project activities and provide technical support. This innovative project will provide electricity and other modern energy services to more than 10 000 people of Garalo commune, transforming the local economy. It does so by providing power for productive use in small industries and businesses, generating employment, and by supplying power for social uses in schools, the maternity clinic and community buildings as well as for domestic use. As such this kind of project represents the new paradigm for sustainable development in Africa.

Programme Overview – COMPETE Workshop and Meeting

25 November 2008 (Tuesday)

COMPETE Workshop 'Bioenergy Policies for Sustainable Development in Africa'
Day 1

26 November 2008 (Wednesday)

COMPETE Workshop 'Bioenergy Policies for Sustainable Development in Africa'
Day 2
Regional Consultation West Africa – Round Table on Sustainable Biofuels

27 November 2008 (Thursday)

Site visit to Jatropha-fuelled Rural Electrification Project in Garalo

28 November 2008 (Friday)

Internal COMPETE Meeting

Accomodation

To be defined

Contact Hotel

Special rates (for COMPETE partners)

Travel Assistance

To be defined



COMPETE International Workshop
'Bioenergy Policies for Sustainable Development in Africa'

25-26 November 2008, Bamako, Mali

REGISTRATION FORM

Please complete and return (email/fax) to:

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Germany

(Please type or use block letters)

Family Name _____

Prof./Dr./Mr./Ms.

First Name _____

Firm/Organisation _____

Address _____

Postal Code and City _____

Country _____

Tel. _____

Fax _____

eMail _____

Registered persons will be informed about accommodation possibilities, travel recommendations and final details of the programme.

Thank you in advance!