



Working Group on Capacity Building

Study Tour for Capacity Building 2nd Bioenergy Week

Maputo, Mozambique, 5-9 May 2014

Provisional Programme

Hosted by :



Government of Mozambique

Supported by Brazil and Italy:



MINISTERO DELL'AMBIENTE
E DELLA TUTELA DEL TERRITORIO E DEL MARE

GBEP Working Group on Capacity Building (WGCB)
Study tour for capacity building and training (Activity Group 3)

Draft Program for the 2nd “Bioenergy Week”

Maputo, Mozambique, 5-9 May 2014

Monday 5 May 2014	Tuesday 6 May 2014	Wednesday 7 May 2014	Thursday 8 May 2014	Friday 9 May 2014
OPENING Welcome Speeches *** Regional overviews Africa Americas Asia and Europe	FOOD SECURITY AND BIOENERGY *** Speakers will be invited to make cross cutting references to sustainability indicators and policy related examples	SUSTAINABLE MODERN BIOMASS ENERGY DEVELOPMENT *** Speakers will be invited to make cross cutting references to sustainability indicators and policy related examples	ROUNDTABLE discussion among policy makers, business sector and international banks/funds (con't)	CONCLUSIONS 1. Policy lessons for the future 2. Lessons learned on food security, family farming integration and wood energy development 3. Cooperation opportunities
Lunch	Lunch	Lunch	Lunch	Lunch
Regulatory and policy frameworks for bioenergy *** State of the art and lessons learned	FAMILY FARMERS INTEGRATION IN THE BIOENERGY VALUE CHAIN *** Speakers will be invited to make cross cutting references to sustainability indicators and policy related examples	RECAP SESSION: Main results and messages from the previous sessions. ROUNDTABLE discussion among policy makers, business sector and international banks/funds	BREAK OUT GROUPS with policy makers, business sector and international banks/funds	
		Reception		

Monday, 5 May 2014

09.00 – 09.30 **Registration of participants**

09.30 – 10.30 **Opening Session and Welcome Speeches**

- Minister of Energy of Mozambique, *H.E. Salvador Namburete (tbc)*
- GBEP Chair, *Corrado Clini, Italy*
- GBEP co-Chair, *Mariangela Rebuá, Brazil*
- Co-Chair of the GBEP Working Group on Capacity Building, *Miguel Almada, Argentina and/or Bah Saho, ECREEE/ECOWAS*

10.30 – 11.00 **Networking coffee break**

11.00 – 12.30 **Regional overviews**

Chair: Antonio Saide, National Director of New and Renewable Energy, Mozambique

- Biofuels feasibility studies in Africa, *Getulio Vargas Foundation*
- The role of bioenergy in West Africa, *Bah Saho, ECREEE/ECOWAS*
- The role of bioenergy in Brazil, *Representative from MME or MRE*
- The role of bioenergy and recent initiatives in the Americas (Brazil/US MoU), *Ruben Contreras, OAS or US representative*
- The role of bioenergy in Asia, *speaker tbd*
- The role of bioenergy in the European Directives for renewable energy, *speaker tbd*

12.30 – 14.00 **Lunch break**

14.00 – 15.00 **Regulatory and policy frameworks for bioenergy**

Chair: Kees Kwant, NL Agency

- National Biofuels Framework in Mozambique, *National Directorate of New and Renewable Energy, Mozambique*
- Agro-ecologic zoning in Mozambique, *Ministry of Agriculture, Mozambique*
- National Bioenergy Strategy in South Africa, *speaker tbd*
- National Bioenergy Strategy in Ghana, *speaker from Ghana*
- The contribution of NEPAD, *Mariam Sow, NEPAD*
- The case of Brazil, *Representative from Casa Civil or MME*

- 15.00 – 16.00 **Coffee break**
- 16.00 – 18.00 **Round table discussion on policy developments – lessons learned and capacity development**
Moderator: Kees Kwant, NL Agency
- Necessary steps for policy developments
 - Lessons learned from the bioenergy policy developments in various countries
 - Discussion

Tuesday, 6 May 2014

- 09.00 – 10.30 **Food Security and Bioenergy**
Chair: Olivier Dubois, FAO
- The experience in Sudan, *Haider Elsafi Mohamed Ali Shapo, Sudan*
 - Bioenergy and Food Security Rapid Appraisal (BEFS RA) in the Philippines, *Andrea Rossi, FAO and Rosemarie Gumera, Philippines*
 - The experience in Mozambique, *speaker tbd*
 - Initiatives for sustainable ethanol production in Brazil, *Representative from MAPA*
- 10.30 – 11.00 **Coffee break**
- 11.00 – 13.00 **Round table discussion on food security and bioenergy**
Moderator: Olivier Dubois, FAO
- Links between bioenergy and the four dimensions of food security
 - Eliciting the possible needs in terms of capacity development needs in light of the lessons learned from the bioenergy developments in various countries
 - Discussion
- 13.00 – 14.30 **Lunch break**
- 14.30 – 15.30 **Family Farmers Integration in the Bioenergy Value Chain**
Chair: Mariangela Rebuá, Brazil
- The experience in Ethiopia, *Nadew Tadele, Ethiopia*
 - Integrated food and energy system in Malawi, *Olivier Dubois, FAO or representative from Malawi*

- The Agropalma project in Brazil, *André Machado, MDA*

15.30 – 16.00 **Coffee break**

16.00 – 17.30 **Family Farmers Integration in the Bioenergy Value Chain (con't)**

- Small holders certification in biomass supply chains, *Ella Lammers, NL Agency*
- Smallholders jatropha production in Mozambique, *ADDP, Grupo de saneamento*
- Cooperative work. The experience of COPLACANA in Brazil, *speaker tbd*
- Smallholder certification as a means to educate smallholders and boost their productivity, *Rolf Hogan, RSB*

Wednesday, 7 May 2014

09.00 – 10.30 **Sustainable Modern Biomass Energy Development**

Chair: Martina Otto, UNEP

- Heat and biogas production in Egypt, *Ahmed Abdelati, Egypt*
- The experience of ICRAF, *Navin Sharma, ICRAF*
- The woody biomass component of the BEFS-RA, *Andrea Rossi, FAO*
- The experience of GACC, *Ranyee Chang, GACC*
- Possibilities of sustainable woody energy trade and impacts on developing countries: Country Case Study Brazil, *Suani Coelho, CENBIO*

10.30 – 11.00 **Coffee break**

11.00 – 12.30 **Sustainable Modern Biomass Energy Development (con't)**

Chair: Martina Otto, UNEP

- Socio-economic impact of improved cooking stoves in Mozambique, *En Dev*
- Cogeneration and bioelectricity for energy access, *Kenana Sugar Company, Sudan*
- Small-scale cellulosic ethanol from sawdust, *Femi Oye, SME Funds, Nigeria*
- Small scale wood briquette production in Zambia, *Edward Chanda, SEEM, Zambia*

- Charcoal briquettes and energy saving stoves project in Uganda, *Betty Ikalany, TEWDI*
- 12.30 – 14.00 **Lunch break**
- 14.00 – 14.40 **Recap Session: main results and messages from the previous sessions**
- ✓ *Policy developments* - Kees Kwant, NL Agency
 - ✓ *Food security and bioenergy* - Olivier Dubois, FAO
 - ✓ *Family farmers integration* - Mariangela Rebuá, Brazil
 - ✓ *Biomass energy development* - Martina Otto, UNEP
- 14.40 – 15.30 **Round table discussion among policy makers, business sector and international banks/funds – Lessons Learned**
Moderator: Pjotr Schade, Everest Energy Group
- Lessons learned from projects developed in Africa
 - How to best develop a project
 - How to finance a project
 - The importance of national/regional stakeholder engagement
- 15.30 – 16.00 **Coffee break**
- 16.00 – 18.00 **Round table discussion among policy makers, business sector and international banks/funds - Lessons Learned (con't)**
Moderator: Pjotr Schade, Everest Energy Group
- Lessons learned from projects developed in Africa
 - How to best develop a project
 - How to finance a project
 - The importance of national/regional stakeholder engagement
- 19.30 – 21.30 **Reception**

Thursday, 8 May 2014

- 09.00 – 10.30 **Round table discussion among policy makers, business sector and international banks/funds – Lessons Learned**
Moderator: Representative from APLA, Dedini
- Lessons learned from projects developed in Africa, *SEKAB Ecoenergy*

	<ul style="list-style-type: none"> • How to best develop a project, <i>TBS Biofuel South Africa</i> • How to finance a project, <i>AfDB – African Development Bank, BNDES – The Brazilian Development Bank</i> • The importance of national/regional stakeholder engagement, <i>Companhia de Sena – Moçambique, Petrobras Biocombustível</i>
10.30 – 11.00	Coffee break
11.00 – 12.30	<p>Round table discussion among policy makers, business sector and international banks/funds - Lessons Learned (con't) <i>Moderator: Representative from APLA, Dedini</i></p> <ul style="list-style-type: none"> • Lessons learned from projects developed in Africa, <i>SEKAB Ecoenergy</i> • How to best develop a project, <i>TBS Biofuel South Africa</i> • How to finance a project, <i>AfDB – African Development Bank, BNDES – The Brazilian Development Bank</i> • The importance of national/regional stakeholder engagement, <i>Companhia de Sena – Moçambique, Petrobras Biocombustível</i>
12.30 – 14.00	Lunch break
14.00 – 14.30	Update on the SE4All initiative and the Sustainable bioenergy component, Gerard Ostheimer, SE4All Bioenergy Lead, Novozymes
14.30 – 15.30	<p>Break out groups with policy makers, business sector and international banks/funds</p> <ul style="list-style-type: none"> • The role of sugar mills in bioethanol production and co-generation, <i>Xinavane Sugar mill</i> • Bioethanol production as an output to optimize sugar industry, <i>Agriculture Promotion Center</i> • Biogas from sugarbeet to power a gold mine in South Africa, <i>Dwight Rosslee, Selectra, South Africa</i> • Ethanol production for clean cooking in Cote d'Ivoire, <i>Kante Gauossou, Saphir, Cote d'Ivoire</i> • Ethanol bus in Johannesburg using locally produced sugarbeet ethanol, <i>Jonas Stromberg, Scania, Sweden</i> • Large-scale sugar cane ethanol in Sierra Leone. First RSB certified project in Africa, <i>Jorgen Sandstrom, ADDAX</i> • Technologies to produce and process sugarcane, <i>Flávio Castelar, APLA Brazil</i>

- GEF/UNEP Cogen for Africa, *Stephen Karekesi, Director of AFREPREN*
- Aviation Biofuels, *Ian Cruikshank, South African Airlines*
- Integrated solar and biomass systems, *Federica Angelantoni, Archimede Solar Energy*

Participants will be divided into three break out groups for parallel discussions on the main themes discussed during the round tables, including on how to combine sustainability requirements in bioenergy policy development, business interests and funding opportunities.

The discussion will be developed on the basis of case study presentations.

The objective of the break out groups is to develop separate deliverables capturing the essence of the discussions and results. These deliverables will be presented in the plenary, at the closing session.

Break out group 1 - Lessons learned from projects developed in Africa

Moderator: Representative from APLA, Dedini

Break out group 2 - How to best develop and finance a project

Moderator: Pjotr Schade, Everest Energy Group

Break out group 3 - The importance of national/regional stakeholder engagement

Moderator: Gerard Ostheimer, SE4All Bioenergy Lead, Novozymes

15.30 – 16.00	Coffee break
16.00 – 18.00	Break out groups with policy makers, business sector and international banks/funds (con't)

Friday, 9 May 2014

09.00 – 10.30	Conclusions - Main results and messages of the Bioenergy Week <i>Chair: Marcelina Mataveia, Mozambique</i> <ul style="list-style-type: none"> ✓ <i>Policy developments - Kees Kwant, NL Agency</i> ✓ <i>Food security and bioenergy - Olivier Dubois, FAO</i> ✓ <i>Family farmers integration - Mariangela Rebuá, Brazil</i> ✓ <i>Wood energy development - Martina Otto, UNEP</i> ✓ <i>Break out group 1 - Representative from APLA, Dedini</i> ✓ <i>Break out group 2 – Pjotr Schade, Everest Energy Group</i>
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✓ ***Break out group 3*** - Gerard Ostheimer, SE4All Bioenergy Lead,
Novozymes

10:30 – 11:00 ***Coffee break***

11:00 – 12:00 ***Closing remarks***

- *Marcelina Mataveia, Mozambique*
- GBEP co-Chair, *Mariangela Rebuá, Brazil*