



International Conference 'Bioenergy for Sustainable Development in Africa'

Lessons learnt from COMPETE

24 – 25 November 2009

Brussels, Belgium

Programme

Conference Venue:

Hilton Hotel, 38 Boulevard de Waterloo, Brussels, Belgium
Room "En Plein Ciel" (27th Floor)

Conference coordinators/contact points:

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

Mr. Dominik Rutz, WIP, Germany (dominik.rutz@wip-munich.de)

Conference organisation support:

Dr. Jeremy Woods, Imperial College, United Kingdom (jeremy.woods@imperial.ac.uk)

Dr. Rocio Diaz-Chavez, Imperial College, United Kingdom (r.diaz-chavez@imperial.ac.uk)

This international conference is organised by WIP Renewable Energies, Germany, in cooperation with Imperial College London, United Kingdom, in the framework of the project COMPETE (Competence Platform on Energy Crop and Agroforestry Systems for Arid and Semi-arid Ecosystems – Africa), funded by the European Commission, DG Research.



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

COMPETE Project



COMPETE Objectives

The Competence Platform on Energy Crop and Agroforestry Systems for Arid and Semi-arid Ecosystems – Africa (COMPETE) has successfully established a **platform for policy dialogue and capacity building** to 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: <http://compete-bioafrica.net>

Conference Organisation

This international conference is organised by WIP Renewable Energies, Germany, in cooperation with Imperial College London, United Kingdom, in the framework of the project COMPETE, funded by the European Commission, DG Research.

Conference Objectives

The main objective of this conference is to identify cooperation opportunities between stakeholders and policymakers from European and African countries to contribute to the exploitation of bioenergy resources for sustainable development in African countries.

Recent bioenergy initiatives, programmes and projects in African countries will be presented and discussed with respect to their social, economic and environmental sustainability.

Furthermore, partners from the COMPETE project will present lessons learnt on ensuring value creation and sustainability of bioenergy development in Africa in order 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.

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

Conference Programme

TUESDAY 24th November 2009

08:00 – 09:00 Conference Registration

Opening Session

Timing: 09:00 – 10:00

- 09:00 – 09:20 Welcome Address by Representative from the European Commission
Mario Scalet, European Commission, DG RTD, Directorate International Cooperation
- 09:20 – 09:40 Welcome Address by African Representative from the COMPETE Project
Helen Watson, University of KwaZulu-Natal, South Africa
- 09:40 – 10:00 Welcome Address by the COMPETE Project Co-ordinator
Rainer Janssen, WIP Renewable Energies, Germany
- 10:00 – 10:30 Coffee Break

Session 1: Bioenergy Policy Implementation in African Countries

Timing: 10:30 – 12:50

Chair Piero Venturi, European Commission, Directorate General RTD

Policymakers from African countries present recent developments in the field of bioenergy policy implementation in East, Southern, and West Africa. Strategies to ensure the social, economic and environmental sustainability of bioenergy production and use in Africa are discussed.

- 10:30 – 11:00 Bioenergy Policy Implementation in Ghana
Wisdom Ahiataku-Togobo, Ministry of Energy, Ghana
- 11:00 – 11:30 Bioenergy Policy Implementation Strategies for UEMOA Countries
Mamadou Dianka, Biomass Energy Regional Program, UEMOA, Burkina Faso
- 11:30 – 12:00 Bioenergy Policy Implementation in Mozambique
Marcelina Mataveia, Ministry of Energy, Mozambique
- 12:00 – 12:30 Policy Initiatives of the SADC Biofuel Task Force
Anna Lerner, GTZ-ProBEC on behalf of SADC Secretariat
- 12:30 – 14:00 Lunch Break (Lobby Lounge Lunch Area)

Session 2: Bioenergy Policy Implementation in Europe and Global Initiatives

Timing: 14:00 – 15:20

Chair Ibrahim Togola, Mali-Folkecenter, Mali

Representatives from the European Commission and international stakeholders present recent developments in the field of bioenergy policy implementation in Europe as well as global initiatives. Emphasis is placed on cooperation opportunities between Europe and Africa to contribute to the exploitation of bioenergy resources for sustainable development in African countries.

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| 14:00 – 14:20 | The European Renewable Energy Directive
Ewout Deurwaarder, European Commission, Directorate General Energy and Transport |
| 14:20 – 14:40 | Biofuel Policy Implementation in the United Kingdom
Chris Malins, Renewable Fuels Agency, United Kingdom |
| 14:40 – 15:00 | Global Sustainability Standard: The Experience of the Roundtable on Sustainable Biofuels (RSB)
Sébastien Haye, Roundtable on Sustainable Biofuels |
| 15:00 – 15:20 | Reducing CO ₂ Levels – So many ways, so few being taken
Peter Read, Centre for Energy Research, Massey University, New Zealand |
| 15:20 – 16:00 | Coffee Break |

Round Table 1: How to ensure value creation of bioenergy development in Africa?

Timing: 16:00 – 18:00

Chair Rainer Janssen, WIP Renewable Energies, Germany

Rapporteur Wolfgang Hiegl, WIP Renewable Energies, Germany

This Round Table involves stakeholders and policymakers from European and African countries to discuss successful concepts to exploit the benefits of innovative bioenergy solutions in Africa with respect to sustainable rural development, increased energy access, enhanced income generation, and alternative markets for agricultural products.

Panellists

- N.H. Ravindranath, Centre for Sustainable Technologies (CST), Indian Institute of Science
- Jeremy Woods, Imperial College London, United Kingdom
- Jean-Philippe Denruyter, WWF
- Meghan Sapp, PANGEA (Partners for Euro-African Green Energy), Belgium
- Anna Lerner, GTZ-ProBEC, Mozambique
- Touria Dafrallah, ENDA-TM, Senegal
- Wisdom Ahiatoku-Togobo, Ministry of Energy, Ghana
- Lindiwe Sibanda, FANRPAN, South Africa

18:30 – 19:30 Cocktail Reception (Foyer “En Plein Ciel”)

WEDNESDAY 25th November 2009

Session 3: Ensuring Value Creation and Sustainability in Africa – Lessons learnt from COMPETE

Timing: 08:45 – 10:45

08:45 – 09:00 Introduction: EU S&T Cooperation with Africa
Fadila Boughanemi, European Commission, Directorate General RTD

Partners from the COMPETE project present lessons learnt on ensuring value creation and sustainability of bioenergy development in Africa.

09:00 – 09:15 The COMPETE Project – Activities and Results
Rainer Janssen, WIP Renewable Energies, Germany

09:15 – 09:30 Land use, Land Use Change and the Food-fuel Conflict in Africa
Helen Watson, University of KwaZulu-Natal, South Africa

09:30 – 09:45 New and Improved Bioenergy Production and Utilisation Schemes
Janske van Eijck, Copernicus Institute, Utrecht University, The Netherlands

09:45 – 10:00 Sustainability of Bioenergy Production and Use in Africa
Rocio Diaz-Chavez, Imperial College London, United Kingdom

10:00 – 10:15 South-South and North-South Cooperation
Francis Johnson, SEI, Sweden

10:15 – 10:30 Financing and International Trade
Michael Hofmann, Camco, United Kingdom

10:30 – 10:45 Policy Development
Lindiwe Sibanda, FANRPAN, South Africa

10:45 – 11:30 Coffee Break

Session 4: Successful Bioenergy Projects and Initiatives in Africa

Timing: 11:30 – 12:50

Chair Jeremy Woods, Imperial College London, United Kingdom

African Partners from the COMPETE project and beyond present recent successful bioenergy projects and initiatives in East, Southern, and West Africa.

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| 11:30 – 11:50 | Jatropha Outgrower Scheme for Liquid Biofuel Production in Zambia
Kamal Desai, Marli Investments Ltd., Zambia |
| 11:50 – 12:10 | Garalo Bagani Yelen Jatropha-Fuelled Rural Electrification Project in Mali
Ibrahim Togola, Mali-Folkecenter, Mali |
| 12:10 – 12:30 | Biomass Energy for Poverty Reduction: The Case of Improved Charcoal
Production and Use in Tanzania
Estomih Sawe, TaTEDO, Tanzania |
| 12:30 – 12:50 | Promotion of Energy Efficient Cookstoves in Ghana
Frank Atta-Owusu, KITE, Ghana |
| 12:50 – 14:00 | Lunch Break (Baudouin Lunch Area) |

Round Table 2: Financing and Implementation of Bioenergy Projects in Africa

Timing: 14:00 – 16:00

Chair Rocio Diaz-Chavez, Imperial College London, United Kingdom

Rapporteur Dominik Rutz, WIP Renewable Energies, Germany

This Round Table involves stakeholders and policymakers from European and African countries to discuss successful concepts for the financing and implementation of bioenergy projects in Africa contributing to sustainable development.

Panellists Kees Kwant, Senter Novem, The Netherlands
Michael Brüntrup, German Development Institute, Germany
Gavin Fraser, Rhodes University, South Africa
Hercilia Hamela, Ministry of Agriculture, Mozambique
Kamal Desai, Marli Investments Ltd., Zambia

16:00 – 16:30 Coffee Break

Conference Summary and Conclusion

Timing: 16:30 – 17:30

This session serves to summarise the results of this conference with respect to:

- Recommendations for successful financing and implementation of bioenergy projects in Africa
- Recommendations on how to ensure social, economic and environmental sustainability of bioenergy production and utilisation in Africa

16:30 – 17:00	Summary of Roundtables Rapporteurs of Roundtable 1 and 2
17:00 – 17:30	Conclusion and Outlook of the Conference Jeremy Woods, Imperial College London, United Kingdom Rainer Janssen, WIP Renewable Energies, Germany

Accommodation (Same as conference and meeting venue)

Venue

Hilton Hotel, 38 Boulevard de Waterloo, Brussels, Belgium

Hotel contact information

Tel: +32 (0)2 5043335

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Web: http://www1.hilton.com/en_US/hi/hotel/BRUHITW-Hilton-Brussels-hotel/index.do

A block of rooms have been reserved at a special rate for COMPETE partners and invited speakers at the Hilton hotel. Attendees are invited to book rooms at the Hilton hotel through the conference organisers. **Since the number of rooms is limited, it is recommended to contact the conference organisers as soon as possible.**

Special Rate for conference attendees on 23&24 November 2009:

QUEEN HILTON DELUXE	119.00 EUR/Night
TWIN HILTON DELUXE	119.00 EUR/Night

Breakfast, service charges and taxes are included. These rates may also be applicable 5 days before and after the mentioned dates, depending on availability.

**COMPETE Project Coordination
WP7 Coordination - Dissemination**

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**COMPETE Project Coordination
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WP6 Coordination – Policies

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