

Renewables 2004

Day of Biomass

June 3, 2004, 10:30-18:30h

Supported by the Ministry of Consumer Protection, Food and Agriculture (BMVEL) and the Ministry of the Environment, Conservation, Agriculture and Consumer Protection of North Rhine-Westphalia (MUNVL).

Why a Day of Biomass?

Biomass is the dominant source of energy for about half of the world's population and it will continue to be so in the next future. For example, in Africa for three third of the population biomass and wood in particular is the first energy source. Access to other forms of energy, such as electricity or liquid fuels, is very limited. Traditional biomass fuels, however, have significant drawbacks. Used inefficiently and in open fireplaces it has negative health and environmental effects. Despite these facts, the shift from dominantly unsustainable patterns of production and use to modern, efficient and clean bioenergy systems is still very rare.

The increasing awareness of the need to mitigate climate change has renewed the attention on bioenergy as an environmentally friendly, cost-effective and locally available source of energy. In addition to that bioenergy is increasingly being used as complementary fuel in modern applications. Thus, bioenergy has emerged as a key factor in both developmental and environmental terms. It is expected to play an important role in both developing and industrialised countries.

Objectives:

Information and sensibilisation of decision-makers in policy and other institutions about the relevance of biomass to contribute to a sustainable development and climate protection in the countries of the South and in the North as well as on a global level.

Target Groups:

The Day of Biomass is intended for all conference participants in or concerned with biomass energy.

Venue:

Wissenschaftszentrum Bonn
Ahrstr. 45
53175 Bonn
Tel. +49 (0)228 302 219
www.wzbonn.de

Public Transport:

You can reach the Wissenschaftszentrum with
Bus N° 610 Stop, Kennedy-Allee
Subway N°16 and N°63, Stop Hochkreuz / Deutsches Museum Bonn

Participation:

The participation in this event is restricted exclusively to conference participants.

Concept and Programme of the Day of Biomass**Guidelines:**

The different goals which are combined with the use of biomass energy in the South and North are taken into consideration.

- For the less developed layers of society in the South the access to clean and affordable energy is essential for poverty alleviation through the supply of heat, light and power as well as a host of other benefits such as the generation of income and the improvement of urban and rural health.
- For the North moreover the goal for an increased use of biomass energy is to substitute the limited resources of oil and other non-renewable energy sources.

For both an increasing use of clean biomass is an ultimate need to avoid climatically changes and achieve sustainable development for the world's population

Methodology:

The Day of Biomass is structured in three main sessions. Each session follows the above mentioned guidelines:

2. Science
3. Policy
4. Implementation

Sessions	Themes
Session1: Science	Concepts Technologies Potential economic benefit of biomass
Session 2: Policy	Different goals, different use in the North and in the South; Political framework conditions, barriers; Financing
Session 3: Implementation	Implementation Capacity and institution building; Projects; Best practice; Regional Initiatives and network building

Presentations and panel discussions of different stakeholders will highlight the different aspects (potential, chances, limits and barriers) for the use of biomass energy. Each session will be followed by a brief discussion.

Main points to be discussed:

In the different sessions the following questions will be addressed:

- Which different goals, approaches and strategies are combined with the use of biomass energy in the countries of the North and the South ?
- Which results do we have regarding new technologies for use of biomass energy?
- Where is the economical potential in the use of biomass energy?
- How to overcome the barriers for a wider use of biomass energy?
- What politics has to assure in order to enhance utilisation of biomass energy?
- Which regulations inhibit the forthcoming of utilisation of biomass energy?
- Should developing countries produce biomass energy for industrial countries?
- How can the current activities on each level for biomass energy be combined (networking of actors, concentration? of actors, programmes and activities)?

Organisers of Side Events:

The contributions of the following organisers are integrated in the Day of Biomass

Side Events integrated in the Day of Biomass.

Organisation	Titel
Ministry of the Environment and Conservation, Agriculture and Consumer Protection of North Rhine-Westphalia (MUNLV)	Wood Pellets Program Campaign
Agency for Renewable Resources (FNR),	Bioenergy – Look Ahead!
Food and Agricultural Organisation of the United Nations (FAO),	Toward an International Framework for Action on Bioenergy
Hessian Ministry of the Environment, Rural Development and Consumer Protection (HMULV)	Biomass Energy for a Sustainable Development in Rural Areas – New Perspectives for Rural Areas, Agriculture and Forestry – A Strategy for Implementation
German Biogas and Bioenergy Society FNBB / International Biogas and Bioenergy Center IBBK	Recycling Crops and Waste to Energy
Association Populations & Development (POPDEV)	Finance of Renewable Energies: The Biogas-Project in Wotchie Mauritania
Southern African Development Community (SADC)	Get Biomass Energy Fit for the Future
The World Alliance for Decentralised Energy (WADE)/ International Solar Energy Society (ISES)	Renewable Cogeneration Based on Sugar-Cane Bagasse – Global Status Challenges and Prospects
Interdisciplinary Centre of Sustainable Development University of Göttingen	The Bio Energy Village – Ecological, Economical and Social Aspects

Programme

10:30 – 10:40	Opening	Bärbel Höhn, Minister of MUNLV, NRW
10:40 – 11:00	Key-note speech Bioenergy in Germany: The Concept	Sts. Alexander Müller, Secretary of State, BMVEL

	of the Federal Government,	
11:00-13:15	<p>Session 1 Science Chair : N.N.</p> <p>Recycling Crops and Waste to Energy Biogas Production from Agricultural Feedstock and Energy Crops</p> <p>How to Make Sanitation and Waste Treatment Sustainable and Ecological?</p> <p>Bagasse Cogeneration – Introduction to Concepts, Benefits and Project Case-Studies</p> <p>Global Potential Achieving the Potential – Energy Market Regulatory Challenges.</p> <p>Introductory Remarks on the Hessian Strategy on Bio-Energy</p> <p>Research, Development and Introduction for New Synthetic Biomass-Fuels in Germany</p> <p>Cultivation of Energy Plants and Biomass for Energetic Use - State of Research and Development</p> <p>Vocational Education and Qualifications – A Prerequisite for a Successful Implementation Strategy for the Energetic Use of Biomass in Rural Areas</p> <p>Opportunities for the Energetic Use of Biomass in Bulgaria</p>	<p>Michael Köttner, IBBK</p> <p>Mang, Heinz-Peter, FNBB</p> <p>Michael Brown, WADE</p> <p>Rian van Staden. ISES</p> <p>Dr. Anna Runzheimer/HMULV</p> <p>Dr. Wolfgang Steiger / Volkswagen AG</p> <p>Prof. Dr. Konrad Scheffler, University Kassel</p> <p>Konrad Kutt, Federal Institute for Vocational Training</p> <p>Kristian Milenov, ASDE – ECO Regions Bulgaria</p>
13:15 – 14:15	Lunch break	
14: 15 – 15:15	<p>Session 2: Policy Chair: Dr. Jürgen Ohlhoff (BMVEL)</p> <p>Rural Energization through Bio Energy,</p> <p>Biomass Energy for a Sustainable Development in Rural Areas – New Perspectives for Rural Areas, Agricultural and Forestry – A Strategy for Implementation</p> <p>Wood Pellets Promotion Campaign</p>	<p>Dr. Gustavo Best, FAO</p> <p>Wilhelm Dietzel, Minister of HMULV</p> <p>Bärbel Höhn, Minister MUNLV, NRW</p>

15:15 – 15:45	Panel discussion Overcoming Barriers for the Use of Biomass Energy	Dr. Jaques Diouf, General Director, (FAO)* Bärbel Höhn, Minister MUNLV, NRW Wilhelm Dietzel, Minister of HMULV Freddie Motlhatlhedi, SADC Michael Brown, WADE
15:45 – 16:00	Coffee Break	
16:00 – 18:00	Session 3: Implementation Part A Chair: Dr. Andreas Schütte, FNR The Bioenergy Village – Ecological, Economical and Social Aspects: Impetus and Scientific Approach Technical, Ecological and Economical Aspects Motivation, Participation and Realisation International Framework for Bioenergy Action	Prof. Hans Ruppert, University Göttingen Dr. Ing. Marianne Karpenstein-Machan, University Göttingen Eckhard Fangmeier, Co-operative Bioenergy Juehnde GbR Dr. Gustavo Best, FAO Ingmar Jürgens, FAO Andre Faaij, Utrecht University, the Netherlands Jeremy Woods, Imperial College, London, U.K.
16:00 – 18:00	Session 3: Implementation Part B Chair: N.N. Get Biomass Fit for the Future Program Research – Action on Mechanism of Financing Biogas: The Program of Biogas / Mauritania	Freddie Motlhatlhedi, SADC Aguibou Niang El Ghassem / Hamet Mamadou Ba, POP DEV Mauretania
18:00 – 18:30	Closing Statement	Hama Arba Diallo, Executive Secretary UNCCD