



Welcome Address

LAMNET – A Global Network on Bioenergy Progress and Results

Dr. Rainer Janssen

WIP - Renewable Energies, Munich, Germany

8th LAMNET Project Workshop, 9 May 2004, Palazzo dei Congressi, Rome, Italy
on the occasion of the 2nd World Conference and Technology Exhibition on Biomass, 10-14 May 2004

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Welcome to the 8th LAMNET Workshop in Rome!

Organised by

- Food and Agriculture Organisation of the United Nations (FAO)
- LAMNET Project Consortium



on the occasion of the 2nd World Conference and
Technology Exhibition on Biomass for Energy,
Industry and Climate Protection, 10-14 May 2004



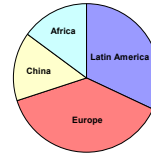
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LAMNET – Global Bioenergy Network

- Network of 48 institutions from 24 countries
- Transnational forum for the promotion of sustainable use of biomass
- Funded by the European Commission within the programme 'Confirming the International Role of Community Research' Project duration (Jan 2002 – Dec 2004)
- Coordinated by WIP, Germany, in partnership with ETA, Italy and the European Biomass Industry Association, EUBIA
- Latin American organisations CENBIO, Brazil and UNAM, Mexico act as coordination support points



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Global Bioenergy Network - Objectives

- to address the adequate utilisation of **biomass residues and energy crops**
- to make use of selected **reliable and proven practical technologies and systems**
- to arrive at **local, regional, national and international solutions** for bioenergy applications
- to contribute to **poverty alleviation and sustainable development**
- to **develop and implement policies** for the enhanced utilisation of biomass and bioenergy

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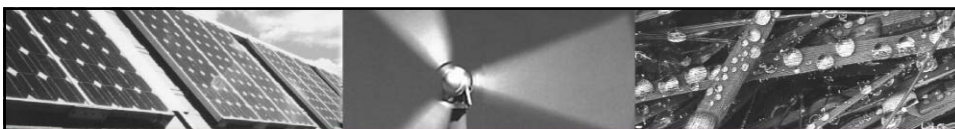
Global Bioenergy Network - Activities

- **South Africa: Biomass pelleting technologies**
- **Brazil: Ethanol-based fuel cell technologies**
- **Cuba: Innovative bioenergy technologies for improved rural electricity supply**
- **China: Bioenergy technologies for rural development**
- **International cooperation in the field of transport bio-fuels**



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Bioenergy for Rural Income Generation and Sustainable Development

- **Bioenergy Program Implementation in Brazil**
Prof. José Moreira, CENBIO, Brazil
- **Bioenergy in FAO**
Dr. Gustavo Best, FAO
- **The Role of EUBIA in Bioenergy Generation for Rural Areas**
Dr. Giuliano Grassi, EUBIA
- **New Income Opportunities for Farmers as Energy Producers**
Dr. Heinz Kopetz, AEBIOM
- **Rural Sector Applications for Small-scale Bioenergy Technologies**
Dr. Omar Masera, UNAM, México
- **Bioenergy Applications in Southern Africa**
Mr. Denis Tomlinson, Illovo Sugar, South Africa

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Examples for Worldwide Bioenergy Utilisation

Session 2 (14:30 – 16:00)

- Electricity Production with Fuel Cells using Biofuels
Mr. Peter Berger, MTU, Germany
- Industrial Production of Fibres from Sugarcane Bagasse in Brazil
Dr. Markus Real, Bagasse Biorefining
- Biomass Applications in Venezuela
Mr. Evanan Romero, FMG, Venezuela
- CO₂ Life Cycle Analysis for Ethanol Use in Brazil
Dr. Manoel Regis Leal, CTC, Brazil

Session 3 (16:30 – 18:00)

- Innovative Information System on Bioenergy
Dr. Jeremy Woods, Imperial College
- Modern Approach to Wood Energy at FAO
Dr. Miguel Trossero, FAO
- Biomass for Synthetic Fuels
Dr. Nasir El Bassam, FAL, Germany
- PROGEDE – Biomass Energy Project for Rural Development in Senegal
Mr. Mamadou Dianka, RPTES

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LAMNET Dissemination Activities

- LAMNET Project Web site: www.bioenergy-lamnet.org
- LAMNET Project Newsletter (2 issues per year)
- Bioenergy Thematic Leaflets
 - Modern Bioenergy Village Complex
 - Refined Bio-Fuels – Pellets and Briquettes
 - Micro-distillery for Decentralised Bio-ethanol Production
- Organisation of LAMNET Project Workshops
 - In 2002: The Netherlands, South Africa, Brazil
 - In 2003: Mexico, China, Cuba
 - In 2004: China, Italy, Brazil, Chile



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Up-coming LAMNET Workshops - **Brazil 2004**

Workshop on Bioenergy Policies, Technologies and Financing - 9th LAMNET Project Workshop

Ribeirao Preto, São Paulo, Brazil, **13-17 September 2004**

co-organised by the **Brazilian National Reference Centre
on Biomass (CENBIO)**



Technical Tour to a Sugar Mill in the State of São Paulo

Visit to the International
Industrial Fair **FENASUCRO**



First Announcement available!

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Up-coming LAMNET Workshops - **Chile 2004**

Workshop 'Bioenergy for a Sustainable Development' – 10th LAMNET Project Workshop

Viña del Mar, Chile, **8 – 9 November 2004**

co-organised by the **P. Catholic University of Valparaiso –
School of Biochemical Engineering, EUBIA and LAMNET**



supported by the **Chilean-German Chamber of Commerce,**
the **National Council for Clean Production (CONAMA)**
and the **National Commission for Energy**

First Announcement available!



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LAMNET Associate Membership

The Associate Membership

- facilitates the involvement of other interested organisations

Associate Members

- will be regularly informed about events and activities of the LAMNET project
- are invited to make use of the dissemination platforms established in the framework of the LAMNET project

The image shows a document titled "Latin America Thematic Network on Bioenergy - LAMNET ASSOCIATE MEMBER APPLICATION FORM". It includes fields for Family Name, First Name, Firm/Organisation, Address, Postal Code and City, Country, Tel, Fax, eMail, and URL. There are also sections for "Associate Members of the Latin American Thematic Network on Bioenergy will be regularly informed about events and activities of the LAMNET project." and "Associate Members of LAMNET are invited to make use of the dissemination platforms established in the framework of the LAMNET project. Within the LAMNET project to be held will be allocated to Associate Members." at the bottom, with lines for Signature and Date.

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INVITATION

Forum on International Cooperation
Thursday, 13th May 2004

14:30 – 19:00

organised by EUBIA, FAO, and the World Bank
on the occasion of the 2nd World Conference on
Biomass, 10-14 May 2004

Session OC3 – Wednesday, 12th May, 11:00

LAMNET - The Global Network on Bioenergy
presents Progress and Results

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**LAMNET has been awarded
by the European Commission
in Berlin, 19 January 2004**

**CTO Award
'Best RE Partnership with Developing Countries'**

**Congratulations to all
LAMNET partners!**



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