



Welcome Address

LAMNET – A Global Network on Bioenergy

Dr. Rainer Janssen
 WIP - Renewable Energies, Munich, Germany

International Conference on Bioenergy Utilisation and Environment Protection Technology -
 6th LAMNET Project Workshop, 24 – 26 September 2003, Dalian, P.R. China



Welcome to the 6th LAMNET Workshop in China



Organised by

- CAREI – China Association of Rural Energy Industry
- CEEP – Centre for Energy and Environment Protection
- CREIA – Chinese Renewable Energy Industries Association
- EUBIA – European Biomass Industry Association
- ETA – Florence
- WIP – Munich

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Scientific Content

Bioenergy Strategies and Policies

- Case Studies from China, Brazil, South Africa, Colombia, Sweden and Cuba

Biomass Technology Applications and their Market Potential

- Biomass Gasification Technologies
- Bio-ethanol and DME Production
- Biomass Fast Pyrolysis
- Waste and Waste-water Treatment

Economics and Bioenergy Project Financing

- Regulatory Framework and Clean Development Mechanism (CDM)

Biomass Resources and Agriculture

- Sweet Sorghum
- Bamboo, Giant Grass, Stalk Utilisation

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LAMNET - Latin America Thematic Network on Bioenergy

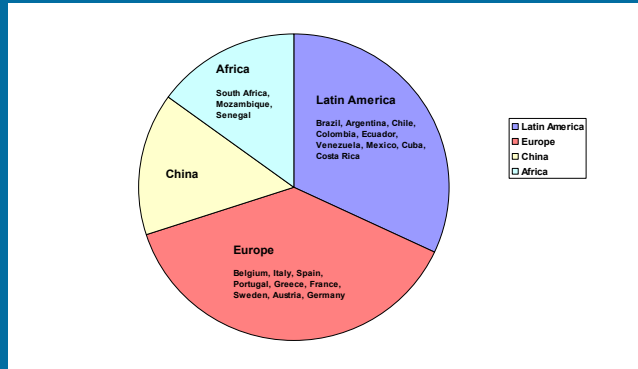
- Global network of 48 institutions from 24 countries
- Transnational forum for the promotion of sustainable use of biomass
- Funded by the European Commission within the programme 'Confirming the International Role of Community Research' Project duration (Jan 2002 – Dec 2004)
- Coordinated by WIP, Germany, 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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LAMNET Membership 48 members (status September 2003)



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LAMNET Thematic Priorities

- Analysis of the Energy Policy Framework
- Assessment of Energy Demand and Biomass Resources
- Assessment of available Technologies and Systems
- Development and Implementation of Technology and Policy Options for the Promotion of Bioenergy

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Focus of Network Activities - 1

- Co-generation of **Heat and Electricity** based on sugar cane bagasse and other suitable biomass resources
- Large-scale implementation of **bioethanol production** (sugar cane, sweet sorghum, agro-forestry residues)
- Creation of a **global bioethanol market**
- Promotion of **Integrated Bioenergy Complexes** (Bioenergy-Food-Feed Complexes)



Distillation Column, Copersucar, Brazil

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Focus of Network Activities - 2

- Promotion of small- and medium-scale decentralised bioenergy systems
 - Advanced pelleting technologies
 - Micro-turbines for co-generation
 - Micro-distilleries for ethanol production,
 - Charcoal production from residues
 - Efficient biomass cooking stoves



Pelletiser machine, Italy

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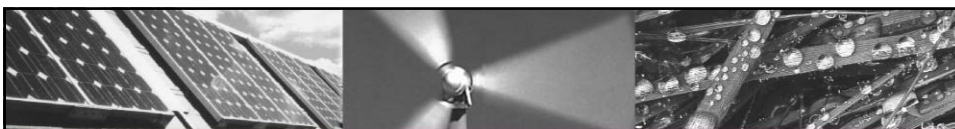


Policy Options for the Promotion of Bioenergy

- **Involvement in major international events on Renewable Energies and Sustainable Development**
 - World Summit on Sustainable Development, Johannesburg, 2002
 - Biomass Energy Workshop – World Bank Energy Week 2003
- **Networking with organisations, institutions and multilateral initiatives**
 - EU Energy Initiative for Poverty Eradication and Sust. Development
 - Global Forum on Sustainable Energy (GFSE)
 - Global Network on Energy for Sustainable Development (GNSD)
 - IEA Bioenergy; FAO
- **Monitoring/support of national and regional policy initiatives**

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Events of the LAMNET Project 2002

1st LAMNET Workshop on the occasion of the
12th European Conference and Technology Exhibition
on Biomass for Energy, Industry and Climate Protection,
Amsterdam, 19 June 2002



2nd LAMNET Workshop, Durban, South Africa, 19-21 August 2002
WIP, Illovo Sugar Ltd.

- Advanced Pelleting Technology

3rd LAMNET Workshop, Brasilia, Brazil, 3-4 December 2002
WIP, CENBIO

- Ethanol based Fuel Cell Technologies

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Events of the LAMNET Project 2003

International Seminar on Bioenergy & Sustainable Rural Development

in Morelia, Mexico, 26 – 28 June 2003
co-organised by UNAM, ANES, FAO



International Conference on Biomass Utilisation and Environment Protection Technology

in Dalian, P.R. China, 24 – 26 September 2003
co-organised by CAREI, CEEP, CREIA

Forum for International Cooperation on Bioenergy

in Guangzhou, P.R. China, 28 – 30 September 2003
co-organised by EUBIA

Workshop on Renewable Energies and Biomass Co-products in the Sugar Industry

in Cuba, Habana, 25 – 27 November 2003
co-organised by the Cuban Ministry of Sugar

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Events of the LAMNET Project 2004

Workshop on the occasion of the 2nd World Conference and Technology Exhibition on Biomass for Energy, Industry and Climate Protection

in Rome, Italy, 10 – 14 May 2004
co-organised by ETA, EUBIA

LAMNET Workshop in the framework of FENASUCRO 2004

in Brazil, September 2004
co-organised by CENBIO

Further LAMNET Workshops in Chile and China

dates to be identified

**2nd World Conference and Exhibition on Biomass
CALL FOR PAPERS - DEADLINE: 11 October 2003**

a joint global event of
the 13th European Conference on
Biomass for Energy, Industry and
Climate Protection and the Biomass
Conference of the Americas

Palazzo dei Congressi
Rome, Italy
10-14 May 2004

Supported by
The European Commission
The Italian Ministry of Environment
DOE U.S. Department of Energy
Natural Resources Canada
INEP United Nations Environment
Programme
EUBIA European Biomass Industry
Association

Jointly organised by
ETA-Florence and WIP-Munich

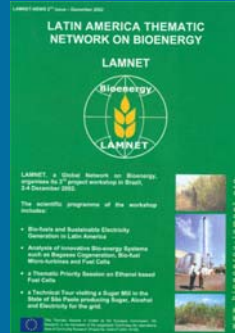
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LAMNET Dissemination Activities

- LAMNET Project Web site: www.bioenergy-lamnet.org
- LAMNET Project Newsletter (2 issues per year)
- Brochure on the occasion of the World Summit on Sustainable Development, Johannesburg, South Africa
- Bioenergy Thematic Leaflets
 - Modern Bioenergy Village Complex
 - Refined Bio-Fuels – Pellets and Briquettes
 - Micro-distillery for Decentralised Bio-ethanol Production



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LAMNET
Latin America Thematic Network on Bioenergy

The project Latin America Thematic Network on Bioenergy (LAMNET) is funded by the European Commission in the framework of the specific research and technological development programme 'Confirming the International Role of Community Research'.

The main objective of LAMNET is to establish a trans-national forum for the promotion of sustainable use of biomass in Latin America and other emerging countries.

This global network of 48 institutions (Knowledge Centres and SMEs) from 24 countries worldwide is set up to face urgent needs for improved and regionally adapted bioenergy applications.

The network is coordinated by WIP-Renewable Energies, Germany, in partnership with ETA, Energia Trasporti Agricoltura, Italy and the European Biomass Industry Association, EUBIA. The Latin American organisations CENBIO (Centro Nacional de Referencia em Biomassa), Brazil and UNAM (Universidad Nacional Autónoma de México), México act as coordination support points on the South- and Central American continent.

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Additional browser information:
 Address: <http://www.bioenergy-lamnet.org/>
 Last Update: 15/09/2003
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 Establish a trans-national forum for the promotion of sustainable use of biomass in Latin America and other emerging countries
 Internet
 Start | LAMNET - Latin America T... | LAMNET NEWS - Micros...
 Dienstag, 16. September 2003



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

Within the LAMNET project no budget can be allocated to Associate Members.

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 IUC. There is also a section for a signature and date. At the bottom, there is a small logo and text indicating it is a document of the European Commission.

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- Mr. Francesco Cariello, ETA
- Dr. Peter Helm, WIP

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