



International Workshop on Bioenergy Policies, Technologies and Financing

9th LAMNET Project Workshop

Ribeirão Preto, São Paulo, Brazil, 13 – 17 September 2004

***Workshop Venue: Hotel JP
Anhanguera Highway km 308, Ribeirão Preto, Brazil,
www.hoteljp.com.br***

Programme

This workshop is **organised by WIP-Munich**, Germany, **in collaboration with ETA-Florence**, Italy, the **European Biomass Industry Association (EUBIA)**, Brussels, and the **Brazilian National Reference Centre on Biomass (CENBIO)** within the framework of the LAMNET project funded by the European Commission, DG Research.

Coordinators/ focal contact points:

Prof. Jose Roberto Moreira, CENBIO (bun2@tsp.com.br)

Dr. Rainer Janssen, WIP – Renewable Energies (rainer.janssen@wip-munich.de)

Contents of the Workshop

- Scientific contributions by members of the LAMNET project and invited speakers will cover a large variety of aspects in the field of bioenergy with a focus on bioenergy policies, technologies and financing.
- This workshop will be organised on the occasion of and will include a visit on 16th September 2004 to the international **industrial fair FENASUCRO**, one of the largest technological events in the sugar and ethanol sector worldwide.
- On 17th September 2004 a **technical tour will be organised to a Biomass based Cogeneration Plant in the State of São Paulo** providing information on the production of sugar, alcohol and bagasse derived electricity.
- Updated information on this workshop will be available at www.bioenergy-lamnet.org.

REGISTRATION

If you are interested in attending this international bioenergy workshop, please register by **e-mail** to Mr. Armando Gomez Filho (agfbrique@hotmai.com; enerplan@uol.com.br).

Members and Associate Members of the LAMNET global network on bioenergy, please send your registration to Dr. Rainer Janssen, WIP – Renewable Energies, Germany
(FAX: 49-89-720 12791, rainer.janssen@wip-munich.de)

Important Contact Addresses

Support in Accommodation and Workshop Organisation in Brazil

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Email: agfbrique@hotmai.com; enerplan@uol.com.br

Accommodation for Workshop Participants

Hotel JP

Anhanguera Highway km 308

Ribeirão Preto, Brazil

Tariffs: Single: 52 EURO, Double: 62 EURO

www.hoteljp.com.br

MONDAY 13th SEPTEMBER 2004

Arrival at Workshop Venue and Registration

Venue: Hotel JP, Anhanguera Highway km 308, Ribeirão Preto, Brazil

Timing: 09:00 – 21:00

On 13th September 2004 participants of the workshop shall arrive in Ribeirão Preto, São Paulo State, Brazil. Transfer from the Ribeirão Preto airport to the Hotel JP will be arranged by the workshop organisers.

Registration for the International Workshop on Bioenergy Policies, Technologies and Financing - 9th LAMNET Project Workshop will take place at the Hotel JP.

The conference co-organisers are pleased to welcome all national and international conference participants and wish you a pleasant and informative stay in Brazil.

Additionally, this first day of this international workshop will provide the opportunity for informal information exchange meetings among participants.

TUESDAY 14th SEPTEMBER 2004

08:00 – 08:30 Registration of Workshop Participants

Inauguration Session: Welcome, Bioenergy Strategies and Policies

Moderators: Prof. José Roberto Moreira, CENBIO and Dr. Peter Helm, LAMNET

- 08:30 – 09:00 Welcome Address
Prof. José Roberto Moreira, CENBIO, Brazil
- 09:00 – 09:20 Inauguration Address
Mr. Mauro Jardim Arce, Secretary of Energy, Hydric Resources and Sanitation
of the Government of the State of São Paulo
- 09:20 – 09:40 LAMNET – A Global Network on Bioenergy – Progress and Results
Dr. Rainer Janssen, WIP – Renewable Energies, Germany
- 09:40 – 10:20 Future Worldwide Perspectives of Bio-diesel Utilisation
Hofrat DI Manfred Woergetter, Austrian Bioenergy Centre, IEA Task Leader
Bio-diesel
- 10:20 – 10:45 Coffee Break
- 10:45 – 11:15 Industrial Production of Bio-diesel using Heterogeneous Catalysts –
The AGROPALMA Process
Mr. César Modesto Abreu, Mr. Donato A. Gomes Arruda, Agropalma, Brazil
- 11:15 – 11:45 Technical Aspects of Bio-diesel Production
Mr. Miguel Dabdoub, University of São Paulo (USP), Brazil
- 11:45 – 12:15 Bio-diesel Strategies and Policies in Brazil
Government representative
- 12:15 – 12:45 Discussion Round: Opportunities for Bio-diesel Production and Utilisation in
Brazil
Moderator: Hofrat DI Manfred Woergetter
- 12:45 – 14:00 Lunch Break

Afternoon Session: Bioenergy for Sustainable Rural Development

Moderators: Mr. Armando Shalders Neto, General Office of Energy, Hydric Resources and Sanitation of the Government of the State of São Paulo and
Dr. Giuliano Grassi, General Secretary European Biomass Industry Association

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| 14:00 – 14:30 | Keynote Address
Prof. José Goldemberg, Secretary of Environment of the State of São Paulo |
| 14:30 – 15:00 | Ethanol Alcohol: Prospects and Development Opportunities in Sub-Saharan Africa
Mr. Mamadou Dianka, World Bank – African Support Group, Senegal |
| 15:00 – 15:30 | Discussion Round 1: Bioenergy for Sustainable Rural Development
Moderator: Prof. José Goldemberg |
| 15:30 – 16:00 | Coffee Break |
| 16:00 – 16:30 | Status and Prospective Future of Renewable Energy Development in China
Mr. Tian Yishui, Ministry of Agriculture – Centre for Energy and Environment Protection, China |
| 16:30 – 17:00 | Future Prospects of Bioenergy Utilisation in the South African Sugar Industry
Mr. Denis Tomlinson, Illovo Sugar Ltd., South Africa |
| 17:00 – 17:30 | Bioenergy in Chile – Upcoming Workshop 'Bioenergy for Sustainable Development in Viña del Mar, Chile
Dr. German Aroca, Catholic University of Valparaiso, Chile |
| 17:30 – 18:00 | Discussion Round 2: Bioenergy for Sustainable Rural Development
Moderator: Mr. Denis Tomlinson |

WEDNESDAY 15th SEPTEMBER 2004

Morning Session: Innovative Bioenergy Technologies and Applications A

Moderator: Mr. Li Baoshan, Ministry of Science and Technology, China and
Dr. Peter Grimm, LAMNET

08:30 – 09:00	Implementation of Bioenergy International Cooperation Projects Dr. Giuliano Grassi, European Biomass Industry Association (EUBIA)
09:00 – 09:30	Hydrolysis of Sugar Cane Bagasse – The Dedini Process Dr. Manoel Regis Leal, Copersucar, Brazil
09:30 – 10:00	N.N. N.N.
10:00 – 10:20	Discussion Round: International Cooperation Opportunities Moderator: Dr. Manoel Regis Leal
10:20 – 10:50	Coffee Break
10:50 – 11:15	Production of Vegetable Coal using an Innovative Briquetting Process Mr. Leonardo Nardoto Conde, Bioenergy, Brazil
11:15 – 11:40	Pellets for Electric Electricity Generation Representative Tractebel Co., Brazil
11:40 – 12:05	Electricity from Small Producers Mr. Paulo Cezar Tavares, Vice President of Co. Paulista de Força e Luz (CPFL)
12:05 – 12:25	Bioware Biomass-to-energy Projects in Brazil Dr. José Dilcio Rocha, Bioware, Brazil
12:25 – 12:45	Discussion Round: Opportunities for Briquetting and Pelleting Technologies in Brazil Moderator: Mr. Leonardo Nardoto Conde
12:45 – 14:00	Lunch Break

Afternoon Session: Innovative Bioenergy Technologies and Applications B

Moderators: Prof. José Roberto Moreira, CENBIO and Norbert Vasen, ETA-Florence

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| 14:00 – 14:30 | Future Perspectives of Flexfuel Vehicles in Brazil
Mr. Henry Joseph Junior, ANFAVEA, Brazil |
| 14:30 – 15:00 | Petrobrás' Activities in the Field of Bio-diesel
Mr. Mozart Schmitt de Queiróz, Petrobrás, Brazil |
| 15:00 – 15:20 | Discussion Round: The Future of Flexfuel Vehicles in Brazil
Moderator: Mr. Henry Joseph Junior |
| 15:20 – 15:50 | Coffee Break |
| 15:50 – 16:10 | Current Status of Bio-fuel Development in China
Mr. Xiao Mingsong, Chinese Association of Rural Energy Industry (CAREI) |
| 16:10 – 16:30 | Global Biomass Potential for Power and Heat Generation
Dr. Nasir El Bassam, International Research Centre for Renewable Energy, Germany |
| 16:30 – 16:50 | Mutual Exchange of Biofuel Experience between Brazil and Europe for International Co-operation
Mr. Norbert Vasen, ETA – Renewable Energies, Italy |
| 16:50 – 17:15 | The World's Carbon Market
Mr. Marco Monroy, MGM International, Brazil |
| 17:15 – 17:40 | Discussion Round: Trading in Carbon Markets – Risks & Opportunities
Moderator: Mr. Marco Monroy |
| 17:40 – 18:00 | Conclusions - Workshop Closing |
| 20:00 – 23:00 | Cultural Event – Workshop Dinner and Brazilian Music |

THURSDAY 16th SEPTEMBER 2004

Guided Visit to the International Industrial Fair FENASUCRO

Time: 09:30 – 18:00

Location: Paulo Merlin Exhibition Park, Sertãozinho, São Paulo

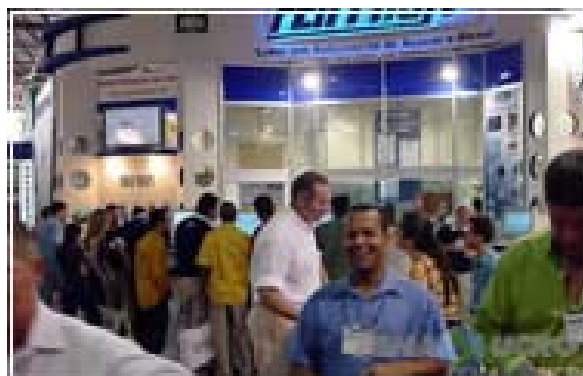


Transfer from the hotel in Ribeirão Preto to the international industrial fair FENASUCRO in Sertãozinho will be arranged for all workshop participants.

FENASUCRO – The Largest Sugar and Alcohol Exhibition in the World

Denomination:	XII International Sugar And Alcohol industrial Fair
Nature:	Technical -Business Promotion Fair
Place:	Paulo Merlin Exhibition Park – Sertãozinho / São Paulo / Brazil
Period:	September 14th to 17th, 2004
Admittance time:	From 10:00 a.m. to 18:00pm
Exhibition Area:	20.000 square meters
Number of exhibitors:	About 240 expositors
Number of visitors:	29.000 visitors
Web Site:	www.fenasucro.com.br

Fenasucro has taken place since 1993, when CEISE – Industrial Center of Sertãozinho and CIESP - São Paulo State Industrial Center, invited Multiplus -Production and Enterprise Ltda, to promote together a fair of suppliers of equipment and services for all the mills and alcohol and sugar distilleries of the whole country. With a public of more than 25 thousand visitors from all around Brazil and from countries of all continents, more than 200 national and international exhibitors, for ten years, Fenasucro has grown and become the main world event of the sucroalcohol industry.



Nowadays, the most important business, and the largest interchange of technology in this area takes place at Fenasucro. It is the place where the professionals and technicians of all around the world meet to search for technological innovation, information, knowledge and good business. These professionals are looking for modern and efficient machines, equipment, consumable items and service, increasing the production and reducing costs, strengthening the area and supplying the country.

FRIDAY 17th SEPTEMBER 2004

Technical Tour: Visit of a Biomass based Cogeneration Plant in the State of São Paulo

Time: 07:30 – 18:00

Location: **Energy Company Santa Elisa**, Armando de Salles Oliveira
Highway 346,3 , Sertãozinho, São Paulo, Brazil



This technical tour will serve to pre-review biomass based cogeneration, the highlights and burdens, in Brazil. The visit to the **Energy Company Santa Elisa** in the São Paulo State will be arranged by CENBIO for all participants of the International Workshop on Bioenergy Policies, Technologies and Financing – 9th LAMNET Project Workshop.

Energy Company Santa Elisa

The Energy Company Santa Elisa, located in Sertãozinho, São Paulo, is one of the largest companies of the sugar and alcohol sector in Brazil.

With more than 60 years of operational experience in the production and commercialisation of sugar, alcohol and electrical energy, the company currently employs about 5,000 persons and its daily capacity comprises 32,000 tons of sugar cane, 1,4 million litres of alcohol and 30MWh of electrical energy.

On the basis of sugar and alcohol, a variety of sub-products are produced guaranteeing a full utilisation of the sugar cane raw material.

Products are exported to countries such as Canada, Philippines, Syria and South Africa and business collaboration exists with trademarks like Nestlé, Tostines, Yopa, Garoto, Tang, Arisco, Sadia, Natura and, Avon.



Further information on the **Energy Company Santa Elisa** is available at www.santaelisa.com.br.

LAMNET Project Coordination

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