



# INTERNATIONAL SEMINAR ON BIOENERGY AND SUSTAINABLE RURAL DEVELOPMENT

*Casa de Gobierno*  
*Paseo de la República 1500 Col. Oviedo Mota*  
**Morelia, México**  
**26-28 June 2003**

## OBJECTIVES

To promote and improve the knowledge of the Bioenergy potential in Mexico and in the world as motor for sustainable rural development, agricultural and forestry diversification and the improvement of national and international environmental quality.

## SUMMARY

Biomass is a source of clean and renewable energy with great potential for development in Mexico and in the world. Efficiently used, Biomass can significantly contribute to sustainable rural development and employment generation as well as to local and global environment conservation due to its large variety of potential applications and its abundant local availability. From the agricultural and forestry perspectives, bioenergy opens new development opportunities and promotes the creation of rural infrastructure.

**The international seminar on bioenergy and sustainable rural development** will gather for the first time 60 specialists in Mexico, coming from the academic, private, government and industrial sectors. An overview of the current conditions of biomass energy use in Mexico and in the world will be presented, focusing on the availability of resources, bioenergy conversion technologies and the development of policies for the promotion and financing of bioenergy. The Seminar will also act as an interdisciplinary forum to establish contacts and co-operation projects in the various fields of biomass and bioenergy applications.

## PROGRAM OF THE EVENT

The Seminar includes two days of working sessions and a day of field visit. The sessions include Plenary Presentations of recognized international experts, and working groups on specific topics of interests, such as the application of bioenergy for electricity production, liquid fuels, gasification and applications on small scale. The field visit will be devoted to review the current bioenergy use patterns in the Purépecha Region of the State of Michoacán, as well as to review specific projects (See preliminary program attached).

## PAPERS

New, unpublished contributions will be received by email for the discussion within the working groups. The deadline for the reception of papers is **May 15<sup>th</sup>**. They should be written in MS Word and should be no longer than 10 pages including tables and graphics. The contributions will be published in the Seminar Proceedings. Please send your papers to **Dr. Omar Masera**: [omasera@oikos.unam.mx](mailto:omasera@oikos.unam.mx)

Contributions by members of the LAMNET global network on bioenergy are coordinated by **Dr. Rainer Janssen**: [rainer.janssen@wip-munich.de](mailto:rainer.janssen@wip-munich.de)

## LODGING

### **VILLA SANJOSE HOTEL & SUITES**

Pátzimba N° 77, Col. Vista Bella, Morelia, Michoacán.

Reservations: Lada without cost: 01800.8884545, Lada Key (01443) 324.4545

[www.villasanjose.com.mx](http://www.villasanjose.com.mx)

Reservations before **June 10 2003** mentioning the event.

Single room Cost: \$ 1,124.00 pesos = \$ 105.00 US Dollars.

### **HOTEL FIESTA INN-Morelia**

Av. Ventura Puente, Esq. Av. Camelinas, Morelia, Michoacán.

Reservations: Lada without cost: 01800.5045000, Lada Key (01443) 322.8000

[www.fiestainn.com.mx/morelia](http://www.fiestainn.com.mx/morelia)

Reservations before **June 10 2003** mentioning the event.

Single room Cost: \$ 936.00 pesos = \$ 87.00 US Dollars.

## ORGANIZING COMMITTEE

**Dr. Omar Masera**

Professor, Instituto de Ecología, UNAM

Organizing committee, Latin American Thematic Network on Bioenergy (LAMNET)

**Dr. Eduardo Rincón**

President, Asociación Nacional de Energía Solar

**Dr. Gustavo Best**

Energy Coordinator

Food and Agriculture Organization of the United Nations (FAO)

**Dr. Rainer Janssen**

WIP – Renewable Energies

Coordinator Latin American Thematic Network on Bioenergy (LAMNET)

**Dr. Javier Aguillón**

Professor, Instituto de Ingeniería, UNAM

## CONTACTS

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## PRE-REGISTRATION

If you are interested in attending the meeting, please send the following information via e-mail or FAX, no later than **May 15<sup>th</sup> 2003** to (01443) 3222719 or via electronic mail to [csanchez@oikos.unam.mx](mailto:csanchez@oikos.unam.mx), [omasera@oikos.unam.mx](mailto:omasera@oikos.unam.mx).

Members of the LAMNET global network on bioenergy, please send a copy of the registration form to Dr. Rainer Janssen, WIP – Renewable Energies, Germany  
(FAX: 49 (89) 72012791, [rainer.janssen@wip-munich.de](mailto:rainer.janssen@wip-munich.de))

<p style="text-align: center;"><b>INTERNATIONAL SEMINAR ON BIOENERGY AND SUSTAINABLE RURAL DEVELOPMENT Morelia, Mexico. 26-28 June 2003.</b></p>
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Name:	_____
Last name:	_____
Institute:	_____
Address:	_____
Telephone:	_____
Fax:	_____
Email:	_____
Tentative title of Work To present:	_____

## FINAL PROGRAM

Thursday, June 26 2003		
8:30 – 9:00	Registration	
9:00 - 9:30	Opening	Gob. Lázaro Cárdenas Battel High Level Government Officials Organising Committee LAMNET / FAO / ANES / CIECO, UNAM
9:30 – 9:40	Coffee Break	
9:40 - 10:10	Plenary Presentation <i>A Global Perspective on Bioenergy</i>	Roberto Moreira CENBIO, Brazil LAMNET
10:10 - 10:40	Plenary Presentation <i>Bioenergy Technologies</i>	Giuliano Grassi / Francesco Cariello European Biomass Industry Association (EUBIA) LAMNET
10:40 - 11:10	Plenary Presentation <i>Bioenergy and Sustainable Rural Development</i>	Gustavo Best FAO
11:10 - 11:30	Discussion	Chair Rainer Janssen, LAMNET
11:30 - 12:00	Coffee Break	
12:00 - 12:30	Plenary Presentation <i>Bioenergy Use Patterns in Mexico</i>	Omar Masera UNAM
12:30 - 13:00	Plenary Presentation <i>Policies to Promote Bioenergy in Mexico</i>	Odón de Buen ANES
13:00 – 13:30	Plenary Presentation <i>The Role of Bioenergy in Climate Change Mitigation</i>	Dan Kammen / Robert Bailis University of California, Berkeley
13:30 – 14:00	Discussion	Chair Eduardo Rincón, ANES
14:00 - 16:00	Lunch	
16:00 - 19:00	Parallel Working Groups <i>Liquid Fuels</i> <i>Generation of Electricity</i>	Chairs Peter Helm (LAMNET)/ Gustavo Best (FAO)  Pablo Mulás (UAM)/ Francesco Cariello (LAMNET)
20:00 – 22:00	Cultural Event	

Friday, 27 June 2003		
9:00 – 12:00	<b>Parallel Working Groups</b>  <i>Gasification</i>  <i>Biomass Resources</i>  <i>Small scale Applications</i>	<b>Chairs</b>  Javier Aguillón (UNAM)/ Rainer Janssen (LAMNET)  Adrián Ghilardi (UNAM)/ Nasir El Bassam (LAMNET)  Rodolfo Díaz / Lisa Buttner
12:00 – 12:30	Coffee Break	
12:30 – 13:00	<b>Plenary Presentation</b>  <i>Ethanol/Gelfuel: Bioenergy and Rural Development</i>	<b>Boris Utria</b>  <b>World Bank</b>
13:00 – 13:30	<b>Plenary Presentation</b>  <i>The Brazilian Experience on Bioenergy</i>	<b>Luiz Horta Nogueira</b>  <b>ANP</b>
13:30 – 14:00	<b>Plenary Presentation</b>  <i>Financing Bioenergy Projects</i>	<b>Catherine Vallee</b>  <b>UNDP</b>
13:00 – 14:00	Discussion	<b>Chair</b> <b>Gustavo Best, FAO</b>
14:00 – 16:00	Lunch	
16:00 – 16:30	<b>Poster Session</b>	
16:30 -18:00	Conclusions Conference Closing	Organising Committee
Saturday, 28 June 2003		
<p>Field Visit 08:00 – 18:00</p> <p>The field visit will be devoted to review the current bioenergy use patterns in the Purépecha Region of the State of Michoacán, as well as to review specific projects.</p> <p>Travel 1 – Small Scale Rural Bioenergy Applications  (Visit of the Patzcuaro Lake Region to see: Efficient Cookstoves, Pottery Makers, Brick Makers)</p> <p>Travel 2 – Industrial Bioenergy Applications  (Visit of the community San Juan Parangaricutiro, Co-generation in sawmills)</p>		



## **Latin America Thematic Network on Bioenergy – LAMNET**

### **Contract number: ICA4-CT-2001-10106**

The project 'Latin America Thematic Network on Bioenergy – LAMNET' is engaged in setting-up a trans-national forum for the promotion of the sustainable use of biomass in Latin America, Europe, China and Africa. Currently, the global network LAMNET consists of 48 institutions (Knowledge Centres and SMEs) from 24 countries worldwide, thereby involving a large number of members with excellent expertise in the field of biomass.

LAMNET supports the elaboration of recommendations for the development and implementation of policy options for the promotion of biomass and bioenergy as well as the identification of commercially available and reliable biomass technologies worldwide.

The web site of this global network on bioenergy was established early in 2002 under [www.bioenergy-lamnet.org](http://www.bioenergy-lamnet.org). It provides detailed information on the objectives, activities and scientific publications of this trans-national forum as well as the contact details of all network members. Further dissemination activities of the LAMNET project include the publication of a periodic newsletter (2 issues per year), a project database providing information on the energy demand and the energy resources in Latin America and other selected emerging economies as well as the organisation of several bioenergy workshops.

LAMNET project workshops organised in 2002 include a Conference Related Event on the occasion of the 12<sup>th</sup> European Conference and Technology Exhibition on Biomass for Energy, Industry and Climate Protection in Amsterdam on 19 June 2002, a workshop on 'Biomass, Rural Energy and the Environment' in Durban organised one week prior to the WSSD in Johannesburg (August 2002) as a joint event of the three Thematic Networks CARENSA, SPARKNET and LAMNET and a workshop on 'Bioenergy Policies and Innovative Bioenergy Technologies' in São Paulo and Brasilia, 2-4 December 2002.

With respect to bioenergy technologies and systems it is the main objective of the LAMNET project to identify currently available, efficient, cost-competitive and reliable bioenergy technologies which provide opportunities for the conversion of biomass to energy services in Latin America, Europe, Africa and China. Relevant technologies and systems are selected on the basis of maturity of the technology, cost-effectiveness, simplicity of maintenance, social acceptability and the impact on development. Moreover, opportunities for international co-operation, technology transfer and joint-ventures in the field of bioenergy technologies are identified and promoted by the LAMNET network.

Finally, the analysis of the current energy policy framework and support for the elaboration of policy options for the promotion of the sustainable use of biomass follows three main lines within the framework of this global network on bioenergy:

- Involvement in major international events and initiatives focussing on Renewable Energies and Sustainable Development
- Monitoring of the national/regional policy frameworks and the elaboration of advice and recommendations for the development and implementation of policy options for the promotion of bioenergy in close cooperation with the national network members
- Active networking with other organisations, institutions and multilateral initiatives engaged in the field of Renewable Energies and Sustainable Development

### LAMNET Project Coordination

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### LAMNET Coordination Partner

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### LAMNET Coordination Support Point South America

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### LAMNET Coordination Support Point Central America

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### Steering Committee

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