



**International Seminar on  
Bioenergy & Sustainable Rural  
Development**

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

**SEMINAR PHOTOGRAPHS - 6**



The International Seminar of Bioenergy and Sustainable Rural Development was held in Morelia, Mexico, from June 26 to 28, 2003. It was organized jointly by the Latin American Thematic Network on Bioenergy (LAMNET), the Center for Ecosystem Research (CIECO) from the National Autonomous University of Mexico, the Food and Agriculture Organization of the United Nations (FAO), the National Association for Solar Energy (ANES) and the State Government of Michoacan, Mexico.

**LAMNET** - Latin America Thematic Network on Bioenergy

Coordination: WIP, Germany

Coordinator/ focal contact point:

Dr. Rainer Janssen (rainer.janssen@wip-munich.de)

Updated information on this workshop is available at <http://www.bioenergy-lamnet.org>, <http://bioenergia.oikos.unam.mx> and <http://www.anes.org>.

**Seminar Organisation Support**

Lic. Claudia Sánchez, Center for Ecosystem Research (CIECO), UNAM, México

M.S. Laura Hernández, Center for Ecosystem Research (CIECO), UNAM, México

Biol. Alan S. Cervantes, Center for Ecosystem Research (CIECO), UNAM, México

Biol. Adrián Ghilardi, Center for Ecosystem Research (CIECO), UNAM, México

Rodolfo Díaz, Center for Ecosystem Research (CIECO), UNAM, México

Dr. Javier Aguillón, Instituto de Ingeniería, UNAM, México

M. Arq. Ana Rosa Velasco, National Association for Solar Energy (ANES), México

Ing. Francesco Cariello, ETA-Florence, Italy

Dr. Giuliano Grassi, European Biomass Industry Association – EUBIA

Ing. Anton Hofer, WIP-Munich, Germany

Dr. Peter Helm, WIP-Munich, Germany

**Seminar Organising Committee**

Dr. Omar Masera, Center for Ecosystem Research (CIECO), UNAM, México

Dr. Eduardo Rincon, National Association for Solar Energy (ANES), México

Dr. Gustavo Best, Food and Agriculture Organization of the United Nations (FAO)

Dr. Rainer Janssen, WIP, Germany

Published by: WIP-Munich  
Sylvensteinstr. 2  
81369 Munich, Germany  
Phone: +49 89 720 127 35  
Fax: +49 89 720 127 91  
E-mail: [wip@wip-munich.de](mailto:wip@wip-munich.de)  
Web: [www.wip-munich.de](http://www.wip-munich.de)

The International Seminar on Bioenergy and Sustainable Rural Development included two days of working sessions and a day of field visit. The field visit was devoted to review the current bioenergy use patterns in the Purépecha Region of the State of Michoacán. A bus trip was organised to give an idea about Small-Scale Rural Bioenergy Applications in the Patzcuaro Lake Region, among which were Efficient Cooking stoves, Pottery Makers and Brick Makers.



The Centro de Investigaciones en Ecosistemas (CIECO), UNAM, GIRA, a local non-governmental organization, and the Energy and Resources Group of the University of California, Berkeley (ERG) started 10 years ago a long-term partnership to promote a cleaner and more sustainable pattern of energy use in rural households, based in the concept of multiple fuel cooking. A process of technology adaptation-innovation has led to the development of smoke-free Lorena-type cooking stoves that are well adapted to the conditions of local cooking. In the framework of the field tour the village Jarácuaro located in the Patzcuaro Lake Region was visited and villagers gave a brief introduction to the utilisation of innovative efficient cooking stoves with reduced indoor air pollution for the local business of tortilla making.





At Napízaro the tour visited the brick making enterprise 'Industrias Mendiola'. Tour participants were provided with an insight into the process of brick and tile making, from the extraction of raw materials to the end products. The bricks and tiles are dried in traditional wood fuelled ovens.



At Santa Fe de la Laguna the group visited the local artist Sr. Nicolás Fabián in his pottery making workshop. Participants observed the production of pottery in an efficient wood-burning kiln.

