



Fundación Bariloche

GNESD

GLOBAL NETWORK
ON ENERGY FOR
SUSTAINABLE
DEVELOPMENT

Facilitated by UNEP

Latin America & Caribbean Workshop: Renewable Energy and Poverty Alleviation

April 10 and 11, 2007

CENTRO ARGENTINO DE INGENIEROS

Cerrito 1250, Buenos Aires, Argentina

About GNESD



Ministerio de Planificación Federal,
Inversión Pública y Servicios
Secretaría de Energía
Subsecretaría de Energía Eléctrica



CENTRO ARGENTINO DE INGENIEROS

The Global Network on Energy for Sustainable Development (GNESD) is a UNEP facilitated knowledge network of developing world Centres of Excellence and network partners. The main objective of GNESD is to work for reaching the Millennium Development Goals (MDG). The introductory flyer on GNESD briefly outlines the thematic areas of its activities, the way GNESD works and the future plans.

The second thematic programme of the Global Network on Energy for Sustainable Development (GNESD) focuses on renewable energy technologies and poverty. The aim of this activity is to identify the possible contribution of such technologies to poverty alleviation and to provide concrete policy guidance aimed at overcoming barriers to their dissemination and uptake. Based on the initial assessment carried out in Africa, Asia and Latin America, the paper, "Poverty Reduction: Can Renewable Energy makes a real contribution" has been launched at the CSD 14 held in New York in May 2006.

The regular half yearly newsletter contents as lead story "Can Renewable makes a real contribution?" The issue also covers the "Energy Access" theme and its latest findings and analysis. Upcoming events, publication and



Fundación Bariloche

GNESD

GLOBAL NETWORK
ON ENERGY FOR
SUSTAINABLE
DEVELOPMENT

Facilitated by UNEP

introduction of two new staff at the GNESD secretariat have been included in this issue.

Based on the regional workshops held on Electricity and Development in Africa, Asia and Latin America, a consolidated report has been published by GNESD in January 2006. In the report the issues of electricity and development linkages, financing, governance and sustainable development of power sector has been addressed.

Workshop Objectives

The workshop is aimed at identifying the contribution of Renewable Energies to poverty alleviation, both through direct effects – for example, improving access to modern energy sources -, and indirect effects – for example, improvements in agricultural productivity, income generation through the creation of new opportunities, etc. In summary, the identification and presentation of concrete actions, practices or projects that contribute to the progress and wellbeing of the more excluded sectors of the population.

The objective is to build upon the outcomes and proposals gathered through many Renewable Energy Workshops carried out in our region, and to go one step further in policy formulation and implementation to overcome barriers and foster the dissemination renewable energy sources. It is expected that the contributions from participants and expositors allow extracting useful lessons and feasible actions that could be summarized into concrete proposals.

Scope and discussion subjects

The following thematic issues will be covered during the Workshop:

- Presentation of the outcomes of GNESD network activities in relation to the links between Renewable Energy and Poverty.
- The contribution of Renewable Energies the development of income generating activities.
- Social objectives: access, quality of life improvement, poverty alleviation.
- Articulation with energy requirements.
- Supply security and guarantee: the road towards complementing conventional energies.
- Degree of development and maturity at global, regional and local level in the short and mid term.
- Advantages and disadvantages vis a vis the use of conventional energies in specific niches and applications.
- The role of renewable energies as an opportunity for the development of technological niches.
- The incentives aimed at project developers, technology developers and users.
- The promotion of renewable energies: legal aspects and adequate regulatory frameworks.
- The role of financing.
- The importance of post sale services (O&M infrastructure and guarantees)
- Links between R&D and industry.



Fundación Bariloche

GNESD

GLOBAL NETWORK
ON ENERGY FOR
SUSTAINABLE
DEVELOPMENT

Facilitated by UNEP

-
- The effects on physical resources and local capacity and its development.
 - Expected costs trends.
 - The implementation of quality standards and certification.
 - Case studies and lessons learnt.



Agenda

First Day

| 10 April | Activity |
|-------------|--|
| 8:00-9:00 | <u>Registration of Participants</u> |
| 9.00-10:00 | <u>Opening and Welcome Address</u> Juan Cruz Monticelli - REEEP Daniel Bouille – Bariloche Foundation José Benites – FAO Representative in Argentina Daniel Tomasini – UNDP Argentine Office Edgardo Lluravel – Energy Secretariat - Argentina |
| 10:00-10:30 | Coffee Break |
| 10:30-12:30 | <u>Panel One: The contribution of Renewable energies to sustainable energy policies</u> <i>Chairman: Juan Legisa</i> “Linking Renewable Energy Technologies to energy policy and sustainable development objectives” – Hugo Altomonte – ECLAC “Challenges to the sustainability of renewable energy supply in areas with high social exclusion” – Jorge Huacuz – Power Research Institute – México “Challenges to the universal access to modern and efficient electricity in Latin America” – Franco Aceituno – Energy Commission – Chile “The role of Renewable Energies in the new energy policy of Ecuador” – Santiago Sanchez – Vice-Ministry of Energy and Mines – Ecuador “Renewable Energies as enabling instruments for energy access: the Argentine experience” – Mónica Servant – Energy Secretariat – Argentina |
| 12:30-14.00 | Lunch |



| | |
|--------------------|---|
| <p>14:00-15:00</p> | <p><u>Panel Two: Activities and results at global and regional level of the studies on Renewable Energies by the Global Network on energy and sustainable Development (GNESD)</u></p> <p><i>Chairman: Jaime Moragues</i></p> <p>“The Global Network on Energy for Sustainable Development: objectives and activities” – Daniel Bouille – Bariloche Foundation.</p> <p>“Findings, niches and challenges of renewable energies at global level: RETs project experience” – Gustavo Nadal – Bariloche Foundation</p> <p>“RETs Project: the case of Brazil” – Patricia María Guardabassi – Sao Paulo University – Brazil</p> |
| <p>15.00-15:30</p> | <p>Coffee Break</p> |
| <p>15:30-18:00</p> | <p><u>Panel three: Market development: comparative analysis and Case Studies</u></p> <p><i>Chairman: Julio García Velasco</i></p> <p>“Rural electrification in Peru: overcome barriers and pending issues” – Claudia Monsalve Zanatti – FONAM – Peru</p> <p>“Experiences and lessons learnt in productive applications of renewable energies in Guatemala” – Ivan Azurdía Bravo – Solar Foundation - Guatemala</p> <p>“Electrification based on Renewables: the Galapagos Case” – Arturo Villavicencio – UNDP- Ecuador</p> <p>“Example of Public-Private partnership in articulating renewable energies into the electricity supply system” – Ricardo Ferrés (SAMAN - GALOFER) / Daniel Tasende – UTE – Uruguay</p> <p>“The development of wind energy in Argentina” – Jorge Andri and Emilio Guiñazu – IMPSA – Argentina</p> |
| <p>18:00</p> | <p>First day closing remarks</p> |

Second Day

| 11 April | Activity |
|--------------|--|
| 9.00-11:00 | <p align="center"><u>Panel four: Technological Development and adaptation to local conditions</u></p> <p><i>Chairman: Jorge Huacuz</i></p> <p>“Agro fuels in Uruguay: experiences and impacts on Socio-economic development” – Olga Otegui – Energy Direction – Uruguay</p> <p>“Biofuels in Latin America and the Caribbean” – Marcelo Kalhed Poppe – Center for Strategic Management and Studies – Brazil</p> <p>“Food and Energy” – José Benites – FAO Representative in Argentina</p> <p>“Energy, environment and food: issues for a systemic analysis” – Enrique Mario Martínez – President INTI – Argentina.</p> |
| 11:00-11:30 | Coffee Break |
| 11:30-12:45 | <p align="center"><u>Panel Five: Niches, case studies and projects</u></p> <p><i>Chairman: Aldo Fabris</i></p> <p>“BID Initiative: Sustainable Energy and Climate Change” - Eugenio Diaz Bonilla – Interamerican Development Bank</p> <p>“The new energies in Brazil – Social inclusion dilemmas and government programmes” - Celio Bermann – Sao Paulo University</p> <p>“Private Investment in LA&C: on field cases: Chile and Brazil” - Gastón Scolnik – Ecoenergy</p> |
| 12:45-14:00 | Lunch |
| 14:00 -16:00 | <p align="center"><u>Panel Six: Niches, case studies and projects (Continued)</u></p> <p><i>Chairman: Héctor Fernando Mattio</i></p> <p>“Do-it-yourself Solar Water Heaters for low income population”. Pablo Bertinat - National Technological University – Argentina</p> <p>“Productive applications with PV systems – Analysis of examples from Bolivia”– Renan J. Orellana Lafuente – Ex-advisor Vice-Ministry of Energy – Bolivia</p> <p>“Access to education: the experience of Cuba on the role of renewable” – Deny Oliva</p> |



| | |
|--------------------|--|
| | Merencio - CETER – Cuba "Do current laws, norms and regulations offer an opportunity to Renewable Energies? - Jorge Czajkowski - UNLP-CONICET – Argentina |
| 16:00-16:30 | Coffee break |
| 16:30–18:00 | <p style="text-align: center;"><u>Concluding Panel: Regional perspectives and opportunities</u></p> <p><i>Chairman: Daniel Bouille</i></p> <p>Ricardo Falabella (World Energy Council), Santiago Sánchez (MEyM-Ecuador), Juan Monticelli (REEEP), Beno Ruchansky (UTE-Uruguay)</p> |
| 18:00 | Workshop closing |

The panelists' presentations will be available for downloading from the Fundación Bariloche's Website <http://www.fundacionbariloche.org.ar/idee/eventos.htm>, after the workshop has concluded.