



Latin America Thematic Network on Bioenergy - LAMNET

Joint Workshop - South Africa

Workshop Programme (06/08/02)

Timing: 19th August 2002 – 21st August 2002

Location: Kwa-Shukela Convention Centre
170 Flanders Drive, Mount Edgecombe (Durban)
P O Box 804 Westville 3630
Republic of South Africa

This workshop is organised by WIP-Munich, Germany and Illovo Sugar Ltd., South Africa, within the framework of the LAMNET project as a joint event of the following Thematic Networks funded by the European Commission, DG Research:

CARENSA - Cane Resources Network for Southern Africa
Coordination: SEI – Stockholm Environment Institute, Sweden
Mr. Francis Johnson (francis.johnson@sei.se)

SPARK-NET – Sustainable Energy Policy and Research ‘Knowledge Network’ on cost effective, ecologically sound and healthy energy alternatives for low-income rural households
Coordination: ITDG - Intermediate Technology Development Group, United Kingdom
Dr. Smail Khennas (Smailk@ITDG.org.uk)

LAMNET - Latin America Thematic Network on Bioenergy
Coordination: WIP, Germany
Dr. Rainer Janssen (rainer.janssen@wip-munich.de)



Supported by the European Commission Fifth
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MONDAY 19th AUGUST 2002

09:00 – 09:15	Welcome Address D. Macleod, Illovo Sugar Ltd, South Africa
09:15 – 09:45	Inauguration Address Honourable N. Singh, Minister for Agriculture and Environment, Province of KwaZulu-Natal, South Africa
09:45 – 10:15	Inauguration Address: The New South African National R&D Strategy Dr. Adi Paterson, Ministry of Art-Culture-Science-Technology, South Africa
10:15 – 10:45	Development of a Green Electricity Certificate System for South Africa Glynn Morris, Agama Energy Ltd, South Africa
10:45 – 11:15	Coffee Break
11:15 – 11:45	LAMNET – A Global Network on Bioenergy – Strategies and Results Rainer Janssen, WIP, Germany
11:45 – 12:15	CARENSA – Activities of CARENSA for Southern Africa Francis Johnson, Stockholm Environment Institute - SEI, Sweden
12:15 – 12:45	SPARKNET – SPARKNET activities in Eastern and Southern Africa Smail Khennas, Intermediate Technology Development Group, UK
12:30 – 13:15	Discussion Round: Biomass, Rural Energy and the Environment – Part 1
13:15 – 14:15	Lunch Break
14:15 – 14:45	CDM/JI opportunities in Southern Africa Francis Yamba, CEEZ – Centre for Energy, Environment and Engineering Zambia Limited, Zambia
14:45 – 15:15	Cane co-products as a sustainable bioenergy source portfolio Maria Morales, Francis Johnson, SEI, Sweden
15:15 – 15:45	Alcohol project in Colombia – Indication of CDM opportunities David Cala-Hederich, CORPODIB, Colombia
15:45 – 16:15	Coffee Break
16:15 – 16:45	Bioenergy in rural areas of the developing countries – Challenges in the context of globalisation Ramon Pichs, CIEM, Cuba
16:45 – 17:15	Activities of CAREI and bio-energy development in China Wang Mengjie, China Association of Rural Energy Industry, China
17:15 – 18:00	Discussion Round: Biomass, Rural Energy and the Environment – Part 2

TUESDAY 20th AUGUST 2002

Morning Session: Bioenergy from Sugar Cane Bagasse

09:00 – 09:30	Bagasse in the South African sugar cane industry to be selected, Illovo Sugar Ltd, South Africa
09:30 – 10:00	Logistics on pellet production Tord Fjällström, Energidalen, Sweden
10:00 – 10:30	Advanced pelleting technology Francesco Cariello, ETA-Florence, Italy
10:30 – 11:00	Coffee Break
11:00 – 11:30	Pelleting presses for a variety of biomass feedstocks R.I. Schimmel, Amandus Kahl GmbH & Co, Germany
11:30 – 12:00	Bagasse pelleting – Application in the sugar cane industry Arthur vom Hofe, CPM Europe BV, The Netherlands
12:00 – 12:30	to be selected
12:30 – 13:15	Discussion Round: Bioenergy from sugar cane bagasse
13:15 – 14:15	Lunch Break

Afternoon Session: Rural Energy – Woodfuels, Charcoal and Household Issues

14:15 – 14:30	Rural energy in Eastern and Southern Africa – An introduction Smail Khennas, ITDG - Intermediate Technology Development Group, United Kingdom
14:30 – 15:00	Rural energy in Zimbabwe – Focus on biomass Mika Lasten, Scientific and Industrial Research and Development Centre – Energy Technology Institute (SIRDC/ETI), Zimbabwe
15:00 – 15:30	Assistance to rural communities for access to improved energy services Qase Nomawethu, Rural Area Power Solutions – RAPS, South Africa
15:30 – 16:00	Coffee Break
16:00 – 16:30	Socio-economic & environmental aspects of land use / biomass resources Helen Watson, University of Natal, South Africa
16:30 – 17:00	Traditional household energy sector in Sahelian countries of West Africa Mamadou Fall, SEMIS, Senegal
17:00 – 18:00	Discussion Round: Rural Energy

WEDNESDAY 21st AUGUST 2002

Technical Tour: 08:00 – 18:00

Technical Tour to Gledhow Sugar Mill and Glendale Distillery operated by the company Illovo Sugar Ltd., member of the LAMNET Thematic Network.

Programme of the Technical Tour:

- 08:00 Departure at Zimbali Lodge, Transfer to Gledhow Sugar Mill
- 08:45 Coffee/Tea break at Gledhow Sugar Mill
- 09:00 Introduction to Gledhow Sugar Mill by Mr. S. Rau, General Manager of Gledhow Sugar Mill
- 09:30 Field Visit: Harvesting and Collection of Sugar Cane
- 10:30 Factory Visit: Preparation and Extraction methods
- 12:00 Discussion Round on Field and Factory Visit
- 12:30 Lunch with selected Gledhow managers to discuss further issues
- 13:30 Brief visit to SAPPI Paper Mill (optional)
- 14:30 Tour to Glendale Distillery (20 minutes transfer from Gledhow)
- 16:00 Return to Gledhow Sugar Mill, Discussion Round
- 17:00 Transfer to Zimbali Lodge or Kwa-Shukela Convention Centre
- 17:30 Arrival at Zimbali Lodge

Contact Person:

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Illovo Sugar Ltd, Republic of South Africa



Figure: Gledhow Sugar Mill