

Latin America Thematic Network on Bioenergy - LAMNET

3rd Project Workshop - Brazil

Timing: 2nd December 2002 – 4th December 2002

Location (3-4 Dec): National Confederation of Industry – CNI
Brazilian Banking Sector North (SBN) – Square 1 – Block C
Edificio Roberto Simonsen
70040-903 Brasilia – DF, Brazil

WORKSHOP PHOTOGRAPHS – Part 1



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

LAMNET - Latin America Thematic Network on Bioenergy

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Updated information on this workshop is available at www.wip-munich.de, www.etaflorence.it and at www.bioenergy-lamnet.org.

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Technical Tour: Copersucar Technology Center - CTC

MONDAY 2nd DECEMBER 2002 – Technical Tour

This workshop on Bioenergy Policies and Innovative Biomass Technologies, organised by WIP-Munich, Germany, in collaboration with ETA-Florence, Italy, and the Brazilian National Reference Centre on Biomass (CENBIO) within the framework of the LAMNET project, included a technical tour to the Copersucar Technology Center - CTC, one of the world's most advanced research and development centres in the sugar and ethanol sector.

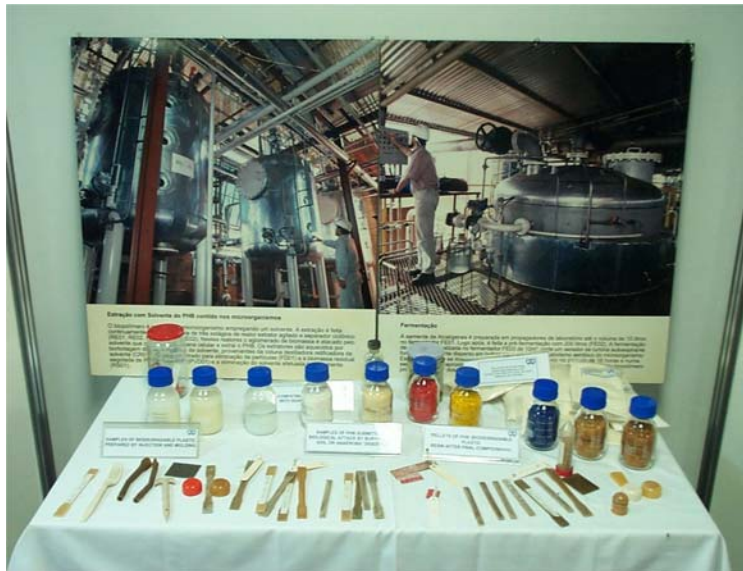


The Cooperative of Cane, Sugar and Ethanol Producers of the State of São Paulo (Copersucar) is a private association whose basic objective is the competitive development of the agro-businesses of its 91 associates, including 32 sugar and alcohol production units. In the season 2001/2002 the cane production capacity of Copersucar amounted to 54 million tons (about 20% of the total Brazilian production) which was almost equally used for the production of ethanol (2.4 billion liters) and sugar (3.5 million tons).

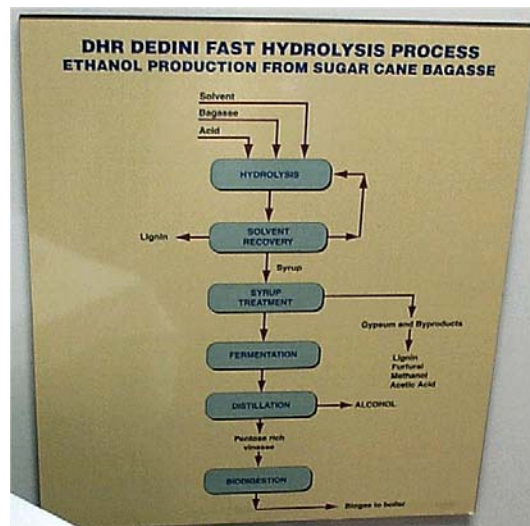
Technological research has played a very fundamental role among Copersucar's objectives since the end of the 1960's, when the program to improve the varieties of sugarcane was created. In 1979, the associates created the Copersucar Technology Center, which is today one of the most advanced technological research centres in the cane, sugar and ethanol producing sector.



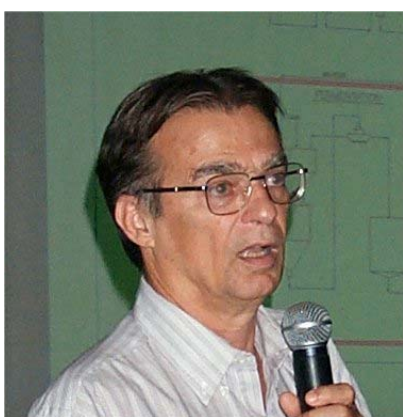
Based in Piracicaba, São Paulo State, the CTC is responsible for the development and implementation of new technologies. The CTC has analytical and development laboratories, three experimental stations and a research field. The activities of CTC include the development of new varieties of cane, the technology for agricultural production, the technology for transformation of sugar cane into sugar and ethanol, the development of new products such as biodegradable plastic as well as research into technology development in association with local and foreign universities.



New biodegradable plastic material developed by CTC



Innovative Fast Hydrolysis process developed by CTC



The technical tour included an introductory presentation of CTC activities by Manoel Regis Leal (left), Head of the Industrial Technology department, a presentation on recent research and development efforts in the ethanol production sector by Jaime Finguerut (right) as well as a guided tour to the research and technological development facilities by Manoel Regis Leal and Tadeu Andrade, CTC Technology Manager.



