



International Latin American – European Cooperation Workshop

“Sustainability in Biofuels Production and Biofuel Conversion Technologies”

***18 – 20 March 2009
Buenos Aires, Argentina***

Agenda

Conference Venue:
Argenta Tower Hotel
Juncal 868
Buenos Aires, Argentina

Conference organisation:



**Instituto Nacional de
Tecnología Agropecuaria**

*This conference is implemented in close cooperation with the **Roundtable on Sustainable Biofuels**, of the Ecole Polytechnique Federales de Lausanne's Energy Center in Lausanne, Switzerland and the **Sustainable Energy and Climate Change Initiative of the Inter-American Development Bank**.*



The BioTop project “Biofuels Assessment on Technical Opportunities and Research Needs for Latin America” (Project No. FP7-213320) is supported by the European Commission in the 7th Framework Programme.

Conference Objectives

- Create a platform for knowledge exchange among stakeholders from Latin America and Europe
- Inform interested stakeholders about biofuel conversion technologies
- Discuss current and future biofuel production in Latin America and specifically in Argentina
- Inform stakeholders about European and Latin American perspectives, policies and legislation on sustainability aspects of biofuel production
- To get feedback from associations, industry sector, and research organisations about sustainable biofuel production
- To assess research needs and cooperation opportunities between scientists from Europe and Latin America

The BioTop Project

The overall objective of BioTop is to identify technical opportunities and research needs for Latin America (LA) and to create and support specific RTD cooperation activities between Latin America and the European Union (EU). Specific objectives are:

- Overview of the existing biofuel sectors in LA
- Identification of RTD priorities, needs and opportunities
- Collaboration between European and Latin American stakeholders
- Harmonization of EU and LA research agendas
- Knowledge and technology transfer
- Recommendations on RTD priorities and biofuel policies

BioTop provides a broad overview of the existing biofuels sector in Latin American countries. Key focus of the project is the identification and assessment of improved 1st and 2nd generation biofuel conversion technologies. Sustainability, standardization and trade aspects of future large-scale biofuel production are investigated, and scenarios, roadmaps and recommendations are developed. Exchanges between stakeholders active in RTD of biofuel conversion technologies are promoted and BioTop activities are effectively linked with existing networks. Outcome of the BioTop project is increased awareness about EU-LA opportunities for collaboration in the area of biofuels and the identification of suitable areas for biofuels RTD cooperation.

Members of the BioTop Consortium:

- WIP Renewable Energies, Germany
- Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas, Spain
- Universidad Nacional Autónoma de México
- Fundación Bariloche, Argentina
- Biomasa Technology Group, Netherlands
- Karl Franzens University, Austria
- Fundação de Apoio a Universidade de São Paulo, Brazil
- Cámara Argentina de Energías Renovables
- Technical University of Denmark, Denmark
- Universidad Católica de Valparaíso, Chile

Conference Language (simultaneous translation): English / Español

Cost: This event is sponsored by BioTop and the Workshop organizers. It is free of charge, by reservation only, with limited seating.

BioTop Website: www.top-biofuel.org

Agenda

Day One

Wednesday 18 March 2009

- 8:00-8:50 Registration and Coffee**
- 8:50-9:00 Call to Order**
Luis Rosales, Secretary, Argentine Renewable Energies Chamber
- 9:00-10:00 Keynote speakers**
Mr. Eugenio Diaz - Bonilla, Executive Director, Argentina, Inter-American Development Bank
Argentine government representative (*invited*)
- 10:00-10:15 Welcome address by the Conference Chairman**
Jorge Hilbert, Coordinator of National Bioenergy Program, Instituto Nacional de Tecnología Agropecuaria (INTA), Argentina
- 10:15-10:30 Latin America's Renewable Energies in the 21st century**
Carlos St James, President, Argentine Renewable Energies Chamber
- 10:30-10:45 The BioTop project**
Dominik Rutz, WIP Renewable Energies, Germany
- 10:45-11:10 Coffee Break**

Session 1: Argentina focus: The State of the Biofuels Industry

Chair: Miguel Almada, Secretariat of Agriculture, Argentina (invited)

- 11:10-11:30 Overview of Biofuels in Argentina**
Osvaldo Bakovich, Head of Biofuels Program, Secretariat of Energy
- 11:30-11:50 No-Till Farming in Argentina**
Aapresid representative, Argentina
- 11:50-12:10 A Producer's Perspective**
Argentine biofuels producer (*invited*)
- 12:10-12:30 Discussion and Q&A**
- 12:30-14:00 Lunch**

Session 2: Regional focus: Overview of the Industry's Potential

Chair: Jorge Hilbert, INTA, Argentina

- 14:00-14:20 **Feedstock potential for Biofuels in Latin America (panel)**
Dr. Omar Masera, Universidad Nacional Autónoma de México (UNAM), speaker
Stella Carballo, Noelia Flores and Alicia Anschou, INTA, Argentina (panelists)
- 14:20-14:40 **Brazil's role in the industry**
Brazilian government representative (*invited*)
- 14:40-15:00 **Overview on 2nd Generation Biofuels**
Michiel Groeneveld, University of Twente, The Netherlands
- 15:00-15:20 Discussion and Q&A
- 15:20-15:40 Coffee Break

Session 3: Biodiesel Conversion Technologies

Chair: James Perez, Science & Technology Attaché, United States Embassy

- 15:40-16:00 **New trends in Biodiesel Technologies**
Martin Mittelbach, University of Graz, Austria
- 16:20-16:40 **Enzymes for Biodiesel Conversion**
German Aroca, UCV P. Universidad Catolica de Valparaiso, Chile
- 16:40-17:00 **Requirements for Pure Plant Oil production for Fuel Application**
Sigurd Schober, University of Graz, Austria
- 17:00-17:20 **Multifeedstock Biodiesel Technology**
Jordi Vaquer, BDI-AG, Austria
- 17:20-17:45 Discussion and Q&A
- 17:45-18:00 Coffee Break

Session 4: Second Generation Conversion Technologies

Chair: Michiel Groeneveld, University of Twente, The Netherlands

- 18:00-18:20 **Bioethanol from Lignocellulose**
Mercedes Perdices Ballesteros, Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas (CIEMAT), Spain
- 18:20-18:40 **Methane-to-Markets: Biogas Production and Methane Utilization**
Dr. Steffen Gruber INTA-SIM, Biogas Technology, Germany
- 18:40-19:00 **Biorefinery Concepts**
Gonzalo Bravo, Fundación Bariloche, Argentina
- 19:00-19:30 Discussion, Q&A and Closure of Day One

Day Two
Thursday 19 March 2009

8:15-8:50 Registration and Coffee

8:50-9:00 Call to Order

Government Representative, Secretariat of Environment, Argentina (invited)

Session 5: Challenges in Sustainability of Biofuel Production

Chair: John Vos, Biomass Technology Group (BTG), Netherlands

9:00-9:20 Sustainability of Soy Production in Argentina

Jorge Hilbert, INTA, Argentina

9:20-9:40 European policies on Sustainability for Biofuels

Dominik Rutz, WIP Renewable Energies, Germany

9:40-10:00 Roundtable on Responsible Soy: Perspectives

Miguel Hernandez, Roundtable on Responsible Soy, Argentina

10:00-10:40 Sustainability of Sugarcane Ethanol

Suani Teixeira Coelho, Brazilian Reference Center on Biomass (CENBIO)

10:40-11:00 Scenarios on Increasing Global Biofuel Production

Kristian Borch, National Laboratory for Sustainable Energy (RISOE), Denmark

11:00-11:20 Discussion and Q&A

11:20-12:00 Coffee Break

Session 6: Research Needs in Latin America

Chair: Carlos St. James, Argentine Renewable Energies Chamber

Rapporteur: Sigurd Schober, University of Graz, Austria

12:00-12:30 Research needs and EU-LatAm cooperation opportunities

Jorge Hilbert, Instituto Nacional de Tecnologia Agropecuaria, Argentina

Martin Mittelbach, University of Graz, Austria

Dominik Rutz, WIP Renewable Energies, Germany

Matt Rudolf, Roundtable on Sustainable Biofuels, USA

Argentine representative of Corporacion Andina de Fomento

12:30-14:00 Lunch

Session 7: Ensuring Sustainable Biofuels

Chair: Matt Rudolf, Roundtable on Sustainable Biofuels, USA

14:00-15:00 Social and Environmental Challenges and Opportunities for Biofuels (panel)

Matt Rudolf, Roundtable on Sustainable Biofuels, USA

Anibal Parera, Coordinador, Birdlife Internacional, Argentina

Representative, FundaPaz, Argentina (*invited*)

15:00-15:30 The Inter-American Development Bank's Scorecard for Biofuels

Gregor Meerganz von Medeazza, SECCI, IADB

15:30-17:15 Breakout in Groups: IADB Scorecard

Lead: Gregor Meerganz von Medeazza, SECCI, IADB

17:15-17:30 Coffee Break

17:30-18:00 Feedback Session: IADB Scorecard

Gregor Meerganz von Medeazza, IADB

Day Three
Friday 20 March 2009

8:00-8:30 **Registration and Coffee**

Session 8: Work Groups for Roundtable on Sustainable Biofuels

Chair: Matthew Rudolf, Roundtable on Sustainable Biofuels, USA

8:30-10:00 **Work Groups: Environmental Impact**

Matthew Rudolf, RSB
Ernesto Viglizzo, INTA Environmental Management
Daniel Ligier, INTA Ecoregions
INTA Biodiversity Team Member

10:00-10:15 Coffee Break

10:15-10:45 **Summary of Findings and Discussion: Environmental Impact**

Matthew Rudolf, RSB

10:45-12:30 **Work Groups: Social Impact**

Matthew Rudolph, RSB

12:30-13:00 **Summary of Findings and Discussion: Social Impact**

Matthew Rudolf, RSB

13:00-14:30 Lunch

14:30-15:30 **Discussion Groups on How Implementation Would Apply**

Matthew Rudolf, RSB

15:30-16:30 **Summary of Findings and Discussion: Social Impact**

Matthew Rudolf, RSB

16:30 **Presentation of Certificates of Completion of Workshop**

To register and for more information regarding this conference,
please contact:

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REGISTRATION INFO



Instituto Nacional de
Tecnología Agropecuaria



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“Biofuel Conversion Technologies and Sustainability in Biofuel Production”

Interested persons are invited to confirm their participation at the BioTop Workshop by email to Damiana Serafini by writing her at dserafini@argentinebiofuels.org.

Subject: **Registration to BioTop Workshop**

Please register me for the BioTop Workshop. My details are as follows:

Full Name: (include Prof/Dr./Mr./Ms.)

Organization:

Title:

Telephone Number:

e-mail address: