



EU-LA Co-Op Day in Thessaloniki

(Held in Thessaloniki, Greece on 31 October 2012)

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Author: John Mulcahy, University of Limerick

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1 Introduction

DIBANET and SMART CHP Networking Day Thessaloniki, Greece, Wednesday, 31 October 2012.

The DIBANET research consortium presented the "Diesel miscible fuels from wastes, residues and non-food crops of Latin America & Europe" Networking event that was held on 31 October 2012 at CERTH, in Thessaloniki, Greece. The aim of the event was to bring together key players in scientific communities and industry to discuss how Europe and Latin America can work together to produce diesel fuels sustainably and cheaply.

The Dibanet processes and the key results of the project were presented. The Networking event was co-organised with the LIFE project „SMART - CHP Demonstration of a Small scale Mobile Agricultural Residue gasification unit for decentralized Combined Heat and Power production”: <http://smartchp.eng.auth.gr/en>

The Networking event was followed by "UBIOCHEM-III: Sustainable production of fuels/energy, materials & chemicals from biomass", the third International Workshop of COST Action CM0903 held in Thessaloniki, Greece on 1-3 November 2012: <http://www.ubiochem3.certh.gr>








The presentations and posters are available in the Agenda and Poster section of the Dibanet Webpage setup for the event. In addition to the video and presentations made at the event which has been disseminated to the public on the project website there was also 16 posters presented at the Coop day. DIBANET Partner Geonardo coordinated and uploaded all photos, presentations, and videos to the site and Partner CERTH provided the local hosting and logistics for the event.

These videos, posters and presentations are also available on the project website. You can find photos from the event in the Gallery: http://www.dibanet.org/networking_day_greece.php





2 Agenda and Presentations made at the Coop Event

13:00 - 13:30	Registration	
13:30 - 14:00	<p>Opening and Welcome</p> <p><i>Dr. Angelos Lappas, CERTH, Greece</i></p> <p><i>Prof. Michael H. B. Hayes, University of Limerick, Ireland</i></p> <p><i>Assoc. Prof Anastasia Zabaniotou, Aristotle University, Greece</i></p>	  
14:00 - 16:15	<p>DIBANET scientific introduction (chairman J.J. Leahy, University of Limerick, Ireland)</p> <p>Levulinic Acid Reactor and Process Development <i>Dr. Donncha Haverty, University of Limerick, Ireland</i></p> <p>Feedstock evaluation and development of rapid analytical methods <i>Dr. Daniel Hayes, University of Limerick, Ireland</i></p> <p>Solid acid catalysts for biomass transformations <i>Prof. Victor Teixeira da Silva, Federal University of Rio de Janeiro, Brazil</i></p> <p>Thermal processing of biomass and residues <i>Prof. A.V. Bridgwater, Aston University, the United Kingdom</i></p>	      
16:15 - 16:45	Coffee break & poster session parallelly	
16:45 - 18:00	<p>SMART CHP scientific introduction (chairman Prof Z. Samaras, AUTH)</p> <p>A microalgae integration biorefinery technology for sustainable production of biofuels and high added products <i>Prof. Costas Kiparissidies, Aristotle University of Thessaloniki</i></p> <p>Transport biofuels: Environmental concern in EU and the potential of South Europe for Sustainable and cheaper biofuels <i>Emeritus Prof. Spyros Kyritsis, Agricultural University of Athens</i></p> <p>An assessment of a mobile gasification agro-biomass conversion system for CHP production <i>Assoc. Prof. Anastasia Zabaniotou, Aristotle University of Thessaloniki</i></p> <p>Biomass Gasification activities in Thessaly Region <i>Bellis Vasileios, Chemical Engineer, ANKA</i></p>	      
18:00 -	Poster session with reception	



3 Posters Presented at the Coop Event

1. Dibanet project poster
2. Analysis of European Feedstocks and Development of Near Infrared Spectroscopy as a Rapid Analytical Tool
University of Limerick, Ireland - Hayes
3. Characterisation of biomass from bagasse and straw of sugar cane
CTC, Brazil - Alves, Hayes, Garcia
4. Prediction of sugar content of coconut samples using Near Infrared Spectroscopy coupled to multivariate data analysis
University of Campinas, Brazil – Rambo, Ferreira
5. Latin America Feedstocks Composition
University of Campinas, Brazil – Rambo, Ferreira
6. Autothermal Performic Acid Pretreatment for the Rapid Fractionation of Biomass
University of Limerick, Ireland – Haverty
7. Levulinic acid production by acid-hydrolysis of lignocellulosic biomass
University of Limerick, Ireland – Dussan
8. Solid Acid Catalysts for Biomass Processing
Federal University of Rio de Janeiro, Brazil – Teixeira da Silva
9. Catalytic Upgrading of Levulinic Acid to Ethyl Levulinate using Re-usable Silica-included Wells-Dawson Heteropolyacid as catalis
University of Buenos Aires – Pasquale, Vazquez, Romanelli, Baronetti
10. Production of upgraded Bio-oils from Miscanthus Acid Hydrolysis Residues by Catalytic Pyrolysis – Effect of Feed and Acid Hydrolysis Conditions
CERTH, Greece – Kalogiannis, Stefanidis, Michailof, Lappas
11. In-Situ Catalytic Upgrading of Bio-oil using Mo₂C/Al₂O₃
Aston University, the United Kingdom – Patel, Teixeira da Silva, Bridgwater
12. Pyrolysis and Gasification of Biomass and Residues from Levulinic Acid Production from Biomass
Aston University, the United Kingdom – Patel, Bridgwater
13. Gasification and Combustion of Biomass and Acid Hydrolysis Residues (AHR)
Aston University, the United Kingdom – Cortes, Bridgwater
14. Properties of Pyrolysis Residues and their Utility as Biochars
Embrapa, Brazil – Novotny



15. Analysis of DMBs produced
YPF, Argentina - Sein
16. SMARt CHP project poster



DIBANET Consortium members at the Coop Event