

Bio4SuD

Registration & fees*:

Simply fill in the registration form and follow the instructions available online on the Bio4SuD webpage (www.bio4sud.gr)

Delegate type	Early registration fee (until October 5, 2012)	Standard registration fee (after October 5, 2012)
Academia	100€	200€
Industry	200€	300€

* Additional fee for an accompanying person is 50€ (includes participation in social programme and conference dinner)

Registration includes

admission to all conference sessions, lunches and refreshments, official dinner, conference proceedings, and participation in the social programme.

Do not forget

to denote your participation to the social programme of the conference, which is free of charge, by checking the relative box on your registration form!

Venue & Accommodation



The conference will take place at the "Vergina" Conference Center of the Centre for Research and Technology Hellas (CERTH), the largest research centre in Northern Greece that was founded in March 2000 (www.certh.gr).

Special discount rates have been guaranteed for the "Electra Palace Hotel" located in the heart of Thessaloniki. Transportation between the Electra Palace Hotel and CERTH will be available for all conference participants via a shuttle bus in the morning and evening of 19 and 20th of November 2012.



Contact Info

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Organized by



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www.bio4sud.gr

Bio4SuD

International Conference on
Biofuels for Sustainable
Development of Southern Europe

19-20 November, 2012
Thessaloniki, Greece

At the Bio4SuD conference you will meet 6 Renowned Plenary Speakers and attend more than 40 technical presentations from 11 countries, covering the following subjects:

- EU biofuels policy, projects, objectives
- Advances and challenges of 1st generation biofuels
- Towards future biofuels
- Refinery friendly biofuels technologies
- Bioethanol and sustainability
- Waste conversion technologies

Great opportunity to....

- Highlight promising R&D activities in the fields of biofuels production
- Present demonstration projects of key 2nd and 3rd generation biofuels production technologies
- Promote networking between academic and industrial stakeholders
- Initiate Private-Public Partnerships (PPPs)



BIOFUELS-2G
LIFE08 ENV/GR/000569
www.biofuels2g.gr



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Day One - Monday, 19 November

8:15 Registration
8:45 Welcome

9:00 EU Biofuels Policy, Projects, Objectives

- Plenary 1: Dr. Kyriakos Maniatis, European Commission
- Opening presentation: BIOFUELS-2G project
- Outline of the EuroBioRef Project & Main achievements
- Sustainability Indicators for Socio-Economic Impacts of Biofuels
- Global perspective of biofuels production from microalgal biomass

11:00 Networking & Coffee

11:30 Advances & Challenges of 1st Generation Biofuels

- Plenary 2: Dr. Muriel Desaeger, TOYOTA
- Methodology for the Investigation of Biodiesel Effects on Critical Diesel Engine Components
- Fatty Acid Ethyl Esters Production with Sodium Methoxide Homogenous Catalyst
- Lignin Derived Octane and Energy Improvers for Fossil Gasoline
- Catalytic Conversion of Sunflower Oil to Green Diesel

13:30 Lunch

14:30 Towards future biofuels

- Plenary 3: Dr. Calliope Panoutsou, European Biofuels Platform
- Biomass feedstocks characterization for energy and biorefinery options. The case for giant reed, switchgrass and cardoon.
- Lipid production by microalgae grown mixotrophically with monosaccharides obtained from the degradation of cellulosic substrates
- An integrated process of biodiesel production from indigenous microalgae in Northern Greece: first results
- On-Line Operation and Efficiency of a Renewable Hydrogen Generation Station for Sustainable Biofuels Production

16:30 Networking @ Coffee

17:00 Poster session

20:00 Conference Dinner

Day Two - Tuesday, 20 November

9:00 Refinery friendly biofuels technologies

- Plenary 4: Prof. Eduardo Falabella Sousa-Aguiar, Petrobras
- Industrial deoxygenation – status, opportunities and challenges
- Effectiveness of CoMo and NiMo Catalyst on Co-hydroprocessing of Heavy Atmospheric Gas Oil-Waste Cooking Oil
- Study of Jatropa curcas L. oil /hexadecane mixtures Hydroconversion over HDS catalysts to biofuel production
- Biogas Upgrading to Synthesis Gas

11:00 Networking & Coffee

11:30 Bioethanol and sustainability

- Plenary 5: Dr. Walter R. Mirabella, European Fuel Oxygenates Association
- Cellulosic ethanol production of selected fungi species from Brazilian Savannas
- SWEETHANOL EU model of 1st generation bioethanol from sweet sorghum in decentralized plants
- Biodegradable Agricultural Waste Biomass Utilization
- Environment and Second Generation Biofuels

13:30 Lunch

14:30 Waste conversion technologies

- Plenary 6: Ms. Willemijn van der Werf, LanzaTech
- Effect of inorganic additives concentration in analytical pyrolysis of tobacco residue at 500°C
- Effect of Temperature and Heating Rate on the Wheat Bran Pyrolysis
- Downstream Valorisation of Acid Hydrolysis Residues via Thermal and Catalytic Pyrolysis
- Presentation of the ENERGYWASTE Project

16:30 Tour of CERTH facilities

17:00 Closing ceremony/Awards



Social Programme

A sightseeing tour open to all conference participants is organized on Sunday 18th of November 2012, one day prior to the technical conference, and is free of charge. The tour includes a visit to the museum and archaeological site of Vergina (the first ancient capital of the Kingdom of Macedonia) and also a tour of the major ancient and Byzantine sites in Thessaloniki.

Invited Speakers

Dr. Kyriakos Maniatis

European Commission, DG Tren Principal Administrator



Dr. Kyriakos Maniatis is Principal Administrator in Unit C2 - Directorate General for Energy, European Commission. He is responsible for technical issues related to biofuels and manages the DG ENER demonstration component on advanced biofuels in the Commission's 7th Framework Programme. He contributes accordingly to the legislative actions of the EC and to the European Industrial Bioenergy Initiative of the SET Plan and he is involved in the CEN standardisation work on liquid and gaseous biofuels. He coordinates the team that launched in June 2011 the Biofuels FlightPath for Aviation in close coordination with the aviation and biofuels sectors. Kyriakos also represents the European Commission in the Executive Committee of IEA Bioenergy Implementing Agreement and served as the ExCo Chairman in 2002, 2005-2007. He regularly organizes workshops and conferences on these subjects.

Dr. Calliope Panoutsou

European Biofuels Platform, Biomass WG Vice-Chair



Dr. Calliope Panoutsou is a member of the Bioenergy Group within the Centre for Environmental Policy (Imperial College London) and her work assignments focus on biomass potential assessments, logistics & economic analyses of biomass value chains, market & policy analyses and assessment of sustainability for bioenergy systems. She has long experience in the bioenergy/ biofuels field, covering research, demonstration and multi-partner project management/ coordination experience throughout Europe and she is the Vice Chair of the working group on biomass availability within the European Biofuels Technology Platform (EBTP).

Dr. Walter R. Mirabella

European Fuel Oxygenates Association, Biofuels Team Chairman



Dr. Walter R. Mirabella owns a university degree in pure chemistry, is Managing Director Lyondell Italia, Business Development Manager Oxygenated Fuels for LyondellBasell Industries, a multinational company world leader in producing fuel and bio-fuel Ethers, Chairman of BioFuel team of EFOA (European Fuel Oxygenates Association), coordinator renewable energy sources for Federchimica and member of Board of Directors of the Italian BioFuels Technology Platform. During his 25 years international experience in the oil business, he worked for Exxon Chemical, ARCO Chemical, Lyondell Chemical and LyondellBasell Industries. He has been and still is Member of, and actively contributing to, a series of key European organizations and committees.

Dr. Muriel Desaeger

TOYOTA, Senior Principal Technologist



Dr. Muriel Desaeger is currently acting as Senior Principal Technologist in the Corporate Energy Research Group of Toyota Motor Europe. In this function, she is in charge of setting up the Energy Strategies of Toyota and implements actions in the field of Future Mobility. She has 17 years experience with Toyota and before acting in the current position she was General Manager of the Advanced Technology Division and the Material Engineering Division. In these positions, she developed several contacts with European part suppliers to get approval of material usage and with Universities in order to enhance complementarities and development of European and Japanese know-how. She is graduated as Material Science Engineer of the University of Louvain-la-Neuve and got her PhD in the field of Composite Materials at the Katholieke Universiteit Leuven.

Prof. Eduardo Falabella Sousa-Aguiar

PETROBRAS, Senior Advisor in CENPES



Prof. Eduardo Falabella Sousa-Aguiar, Chemical Engineer, MSc, DSc, has 36 years experience in the field of catalysis and catalytic processes. He is a Professor of the Department of Organic Processes, School of Chemistry of the Federal University of Rio de Janeiro. He is also a Senior Advisor in PETROBRAS Research Centre (CENPES), where he is currently the coordinator of GTL/BTL/CTL research projects. He was the manager of the XTL cell, a group devoted to the development of XTL technologies in Petrobras.

Ms. Willemijn van der Werf

LanzaTech, Global Sustainability Director



Ms. Willemijn van der Werf is the Global Sustainability Director at LanzaTech. She is based in the Netherlands and also responsible for the Government Relations in Europe. Willemijn has several years of experience in the sustainability field of e.g. biofuels. Prior to joining LanzaTech, she was responsible for the sustainability accomplishments of the Biofuels program at KLM and managed the partnership of KLM with the dutch wing of the World Wide Fund for Nature (WWF). In her role at LanzaTech, she closely interacts with the Roundtable on Sustainable Biofuels (RSB), the global certification scheme for sustainability criteria for liquid fuels. Willemijn will also support in developing LanzaTech's strategy for EU engagement, be the interface to the European Commission and lead participation in processes to qualify LanzaTech products for EU mandates and incentives.

At a glance...



Technical programme

- Visit to Vergina
- Traditional lunch
- Thessaloniki sightseeing

Welcoming reception/Early registration



Technical programme

- Registration/Welcome
- 3 plenary lectures
- 12 oral presentations
- Poster session

Official conference dinner



Technical programme

- 3 plenary lectures
- 12 oral presentations
- Tour of CERTH facilities

Closing ceremony/Awards