



Day 1 7 October 2010

9:00 – 9:30

Registration

9:30 – 11:00

Opening

Coordinators

Prof. Elmira RAMAZANOVA, Corresponded Member of the National Academy of Science, Director of Science Research Institute of GPOGC, Deputy Chief of National Oil Committee, Azerbaijan

Prof. Dimitrios MAVRAKIS, Director of KEPA, National and Kapodistrian University of Athens, Hellas

Opening addresses

Prof. Theodosios PELEGRINIS, Rector of National and Kapodistrian University of Athens, Hellas

Mrs. Anna DIAMANTOPOULOU, Minister of Education, Life Long Learning and Religious Affairs, Hellas *(to be confirmed)*

Mr. Spyros KOUVELIS, Deputy Minister of Foreign Affairs, Hellas *(to be confirmed)*

Mr. Ioannis MANIATIS, Deputy Minister for the Environment, Energy and Climate Change, Hellas *(to be confirmed)*

Amb. Pierre VAESEN, Embassy of Belgium in Athens (EU Presidency)

Mr. Konstantinos ZAIMIS, BSEC-PERMIS

Ms. Eftychia BACOPOULOU, Secretary General of BSEC Business Council

Mr. Nikolaos LYMPEROPOULOS, UNIDO

11:00 – 11:15

Coffee break

11:15 – 13:30

1. Policies

Coordinators

Prof. Evangelos DIALYNAS, National Technical University of Athens, Hellas

Dr. Todor BALABANOV, Institute for Advanced Studies, Austria

Prof. Haji MELIKOV, GPOGC of the Azerbaijan State Oil Academy, Azerbaijan

Speakers¹

“Renewable energy targets in the EU: the case of fuels for transport” by Laura LONZA (European Commission’s Joint Research Centre, Institute for Environment and Sustainability – Belgium)

“Mitigation vs Adaptation: conflicting policy arenas and the post-Kyoto negotiations” by Prof. Chloé Anne VLASSOPOULOS (University of Picardie, CURAP/CNRS, Department of Political Science – France)

“Greenpeace Scenarios for Austria” by Dr. Todor BALABANOV (Institute for Advanced Studies - Austria)

“Energy emission scenarios for Bulgaria using the integrated model GAINS” by Dr. Todor TODOROV (National Institute of Meteorology and Hydrology – Bulgarian Academy of Sciences – Bulgaria)

“Limitations of the Regulatory Limitations of Exhaust CO₂ Emissions from Passenger Cars in European Union and Propositions for a New Regulation” by Efthimios ZERVAS (Hellenic Open University – Hellas)

“Calculation of short-term greenhouse gas emissions using fuzzy neural network” by Prof. Evgenij INSHEKOV (ESEMI – Ukraine)

“E4M-GAIA: Economy-Energy-Environment-Engineering Model of Gaia” by Dr. Athanasios DAGOUMAS (Hellenic Transmission System Operator S.A. – Hellas)

13:30 – 15:00

Lunch break

15:00 – 16:00

“An assessment of Greek legislative framework for photovoltaics” by Marinos KARTERIS, Prof. Agis M. PAPADOPOULOS (Aristotle University of Thessaloniki - Hellas)

“Is there a causal relationship between energy consumption and GDP?: case of Baltic countries” by Liina JOLLER (University of Tartu – Estonia)

“Modelling the Transport Energy System towards implementing climate policies” by Athanasios DAGOUMAS (Hellenic Transmission System Operator S.A. – Hellas)

“Assessment of emission factors and mitigation options in electricity sector of Turkey: a model study” by Betül OZER (Istanbul Technical University, Department of Environmental Engineering, Civil Engineering Faculty – Turkey)

“The Role of Interconnectivity in Enhancing Energy Security in S.E. Europe” by Costis STAMBOLIS (IENE – Hellas)

16:00 – 18:00

2. Biofuels

Coordinators

Prof. Miltiadis A. TYPAS, National and Kapodistrian University of Athens, Hellas

Dr. Hans Marten PAULSEN, Institute of Organic Farming in the Johann Heinrich von Thuenen-Institute, Germany

Speakers

“Overview of the bioenergy sector in the Energy Community Contracting Parties plus Ukraine” by Christoforos PERAKIS (Centre for Renewable Energy Sources (CRES) - Hellas)

¹ All abstracts mentioned in this draft have been accepted by the Scientific Committee and are subject to the Conference terms for final presentation. Only the name of the speaker is mentioned in the agenda, while the names of the co-authors are quoted in the web-site and the book of abstracts.

"Improving green-house gas balances of organic farms by the use of vegetable oil from mixed cropping as farm own fuel and its competition to food production" by Hans Marten PAULSEN (Institute of Organic Farming in the Johann Heinrich von Thuenen-Institute (vTI), Federal Research Institute for Rural Areas, Forestry and Fisheries – Germany)

"Building sustainable biomass to biofuels systems: Prospects for biohydrogen generation in two EU regions" by S L. S. KARAOGLANOGLU (School of Chemical Engineering, NTUA – Hellas)

"Biogas renewable process for combined fuel cell electricity generation" by Dr. Z. ZIAKA (International Hellenic University – Hellas)

"Contribution of biomass to decentralised energy supply with the objective of public services and supply security for rural regions in Germany" by Thilo SEIDENBERGER - (German Biomass Research Centre (DBFZ) – Germany)

18:00 – 20:30

Visit to new museum of Acropolis

21:00

Dinner

Day 2

8 October 2010

Parallel sessions

9:30 – 13:30

3. Conventional energy

(Fuels – Electricity)

4. Renewable Energy Sources

Coordinators

Prof. Konstantinos KARAGIANOPOULOS, National Technical University of Athens, Hellas

Prof. Elmira RAMAZANOVA, National Academy of Sciences, Azerbaijan

Prof. Dejan IVEZIC, University of Belgrade, Serbia

Prof. Agis PAPADOPOULOS, Aristotle University of Thessaloniki, Hellas

Prof. Ahad Kh. JANAHMADOV, Azerbaijan Engineering Academy – Azerbaijan

Prof. Eden MAMUT, Director of BSUN - Center for Advanced Engineering Sciences "Ovidius", University of Constantza, Romania

Speakers

"Integrated approach to the diagnostic condition of pipeline systems with use of space data" by Prof. E. RAMAZANOVA, (Geotechnological Problems of Oil, Gas and Chemistry (GPOGC) – Azerbaijan)

"The Impact of Diesel Fuels' Combustion in Cars on the SO₂ Urban Air Pollution in Albania" by Prof. Andonaq LAMANI (Londo) (Department of Energetics, Polytechnic University of Tirana – Albania)

"Wave energy devices' potential application in Aegean Islands" by Maria KAMARGIANNI (Dept. of Shipping Trade and Transport, University of the Aegean - Hellas)

"The important role of solar water heaters to adapt energy demand in domestic and industrial sectors" by Dr. Manolis SOULIOTIS (Physics Department, University of Patras – Hellas)

“The effects of dwelling and occupancy characteristics on domestic electricity consumption in Ireland” by Fintan McLOUGHLIN (Department of Civil and Structural Engineering, School of Civil and Building Services, Dublin Institute of Technology – Ireland)

“Structure analysis of electricity balance of Romania in terms of resources optimal mix of primary energy use – multicriterial model” by Ph.D. Irina VODĂ (ISPE – Romania)

Conventional Energy

(Energy efficiency)

“Creating a hotel building stock model focused on energy consumption”, by Sofia-Natalia BOEMI (Aristotle University of Thessaloniki – Hellas)

“Green transport in islands areas” by Amalia POLYDOROPOULOU and Athena TSIRIMPA (University of the Aegean - Hellas)

“Web-based Energy Management Systems, a Necessary Tool for Energy Efficiency and Smart Metering” by Menelaos IOANNIDIS, and Angelos VATIKALOS (Build-IT - Hellas)

“The role of information and communication technology in implementation of the energy conservation program of the Republic of Uzbekistan” by Prof. Ioannis RAMPIAS (Technological Educational Institute of Athens – Hellas)

“Using an Atmospheric Pressure Chemical Vapor Deposition Process for the Development of “Smart Windows”” by Dimitra VERNARDOU (Technological Educational Institute of Crete – Hellas)

“Electrochemical properties of WO₃ coatings grown at low temperatures” by Harris DROSOS (Technological Educational Institute of Crete – Hellas)

“Usage of Renewable Energy Sources in a Rural Area of Uzbekistan” by Prof. Ioannis RAMPIAS (Technological Educational Institute of Athens – Hellas)

“Are membrane gas separation processes able to meet the product specifications of post combustion CO₂ capture?” by Bjorn FISCHER (AVT Chemical Process Engineering, RWTH Aachen University – Germany)

“Estimation of Maximum PV Penetration in the Domestic Sector in Greece” - Dr. Georgios MARTINOPOULOS (School of Science and Technology, International Hellenic University (I.H.U.) – Hellas)

“Past, present and future capability of RES penetration into the non-interconnected energy system of the Greek islands” by Barbara KASSELOURI (Hellenic Open University (HOU) – Hellas)

“Cost effective Renewable Energy Sources innovations to Agriculture with emphasis on Solar Energy” by Dr. Chrysovalantou LAMNATOU (National Center for Scientific Research “Demokritos” - Hellas)

“The wind energy potential of Azerbaijan and its use at the Caspian Sea offshore” by Prof. A.Kh. JANAHMADOV (Azerbaijan Engineering Academy – Azerbaijan)

“Kazakhstan Renewable Energy Sources: Clear Energy Market Promotion, Competitiveness and Benefits” by Prof. Sergey INYUTIN, Lyubov INYUTINA (Turan - Astana University, SPF KAZHIMINVEST - Kazakhstan)

“Quo Vadis Archimedes nowadays in Greece; Towards modern Archimedean turbines for recovering greek small hydropower potential” by Vassilios STERGIPOULOS (ASPETE, Higher School of Pedagogical and Technological Education – Hellas)

“The influence of design methodology on the energy recourses economy” by Dr. Elena SERGUNICHEVA (Siberian Federal University – Russia), Kseniya VERESHCHAGINA (Ltd. “Design-Service” – Russia)

“USE EFFICIENCY: A First Level Audit Analysis of Selected University Buildings from 9 EU Countries” by G. C. Christoforidis (Technological Educational Institute of Kozani - Hellas)

“Model-based investigation of biomass utilization paths for different regions” by Frank SCHWADERER, (Institute for Industrial Production (IIP), Karlsruhe Institute of Technology (KIT) – Germany)

“Romania’s depleted oilfields geothermal potential” by Dr. Mihail - Valentin BATISTATU (“Petroleum – Gas University “of Ploiesti, Faculty of petroleum Engineering – Romania)

13:30 – 15:00

Lunch break

15:00 – 17:15

5. Climate change

Renewable Energy Sources

Coordinators

Prof. Dimosthenis ASIMAKOPOULOS, National and Kapodistrian University of Athens, Hellas

Prof. Evgenij INSHEKOV, National Technical University of Kiev, Ukraine

Prof. Sergey INYUTIN, University Turan-Astana, Kazakhstan

Prof. Agis PAPADOPOULOS, Aristotle University of Thessaloniki, Hellas

Prof. Ahad Kh. JANAHMADOV, Azerbaijan Engineering Academy – Azerbaijan

Prof. Eden MAMUT, Director of BSUN - Center for Advanced Engineering Sciences "Ovidius", University of Constantza, Romania

Speakers

“Determinants of cities’ GHG emissions: a comparison of five global cities” by Edoardo CROCI, (IEFE - Centre for Research on Energy and Environmental Economics and Policy Università Bocconi - Italy)

“Impact of solar activity on climate changes in Athens region, Greece” by Efthimios ZERVAS (Hellenic Open University, School of Natural Sciences and Technology - Hellas)

“Indicators for climate changes in the Athens area” by Efthimios ZERVAS (Hellenic Open University – Hellas)

“Statistical estimations in climate and environmental changes; utilization of alternative energy sources for better climate management” by Dr. Zoe D. ZIACA (International Hellenic University – Hellas)

“The Integration of Renewable Energy Sources in Sustainable Energy Supply Systems by Multiscale & Multicriterial Engineering” by Prof. dr. Eden MAMUT (Center for Advanced Engineering Sciences "Ovidius", University of Constantza - Romania)

“Geothermal Energy Development in S.E. Europe in the Context of the GEOFAR Project” - Nicholas SOFIANOS (IENE – Hellas)

“Integration of renewable energy systems in buildings: a legal perspective” by M.I.ATHANASAKI and Prof. Agis PAPADOPOULOS (Aristotle University of Thessaloniki - Hellas)

“Utilizing Renewable Energy Sources in Kosovo till 2020” by Dr. Blerim REXHA (Faculty of Electrical and Computer Engineering, University of Prishtina – Kosovo)

“Impact of climate, geography and economic structure of each country on CO₂ emissions” by Efthimios ZERVAS (Hellenic Open University – Hellas)

“Comparison of the thermal characteristics and temperature profile of the ground in Cyprus with other Mediterranean countries” by Panayiotis D. POULOUPATIS (Department of Mechanical Engineering and Materials Science and Engineering, Cyprus University of Technology – Cyprus)

17:15

End of parallel sessions

17:30 - 19:00

6. Round Table

(Perspectives for the establishment of the BSEC Strategic Green Alliance between Academia and Entrepreneurship)

Coordinators

Mr. Panagiotis KOUTSIKOS, Chairman of BSEC Business Council

Prof. Dimitrios MAVRAKIS, National and Kapodistrian University of Athens, Greece

Panel to be finalized

Procedure open to all participants

21:00

Farewell dinner

Conference
Venue

(Day 1 and Day 2) National and Kapodistrian University of Athens (NKUA)
Central Building - Neo Amphitheatro
30 El. Venizelou (Panepistimiou) Av., Centre area
Athens

(Day 2) *“Kostis Palamas” Cultural Centre of NKUA*
48 Akadimias and Sina str. (1st floor)
Athens

Contact
details

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