



UNDER THE AEGIS OF THE
ARMENIAN CHAIRMANSHIP



"6th Annual International Scientific Conference" on Energy and Climate Change

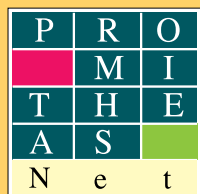
9-11 OCTOBER 2013

Athens - Hellas

NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS

30 Panepistimiou str





Draft Agenda

6th Annual International Scientific Conference on Energy and Climate Change



Day 1

9 October 2013

Venue:

Central building of University, Drakopoulos Hall

9:00 – 9:30

Registration

9:30 – 11:00

Opening

CHAIR

AMB. TRAIAN CHEBELEU

Deputy Secretary General BSEC-PERMIS.

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. THEODOSIS PELEGRINIS

Rector of the National and Kapodistrian University of Athens.

DR. SIMON PAPYAN

First Deputy Minister of Nature Protection of the Republic of Armenia, Acting Chairmanship of BSEC.

AMB. VICTOR TVIRCUN

Secretary General PERMIS – BSEC.

DR. KYRYLO TRETIAK

Secretary General of PABSEC (TBC).

PROF. JORGAQ KACANI

President of BSUN, Rector of Polytechnic University of Tirana – Albania.

MS. ELENI MANOLI

European Commission DG – Research.

MR. DAVID J. LIPPEATT

Economic Counsellor, USA Embassy in Athens.

PROJECT OUTCOMES by **PROF. DIMITRIOS MAVRAKIS**

Director of KEPA, National and Kapodistrian University of Athens – Hellas.

Ambassadors from PROMITHEAS-4 countries

ALBANIA-ARMENIA-AZERBAIJAN-BULGARIA-ESTONIA-KAZAKHSTAN-MOLDOVA
ROMANIA-RUSSIAN FEDERATION-SERBIA-TURKEY-UKRAINE.

AMB. ALEXANDER SPACHIS

Head of EU Delegation in Nepal.

11:00 – 11:30

Coffee break

PROMITHEAS-4: "Knowledge transfer and research needs for preparing mitigation/adaptation policy portfolios"

11:30 – 13:30

CLIMATE CHANGE POLICY MIXTURES – 1

CHAIR

PROF. HAJI MALIKOV

GPOGC of the Azerbaijan State Oil Academy – Azerbaijan.

DR. VAHAN SARGSYAN

Energy Strategy Center (ESC) of Scientific Research Institute of Energy (SRIE) – Armenia.

PROF. EVANGELOS DIALYNAS

National Technical University of Athens – Hellas.

NATIONAL REPORTS

ALBANIA

by **Prof. Andonaq LAMANI** (Polytechnic University of Tirana).

ARMENIA

by **Dr. Vahan SARGSYAN** (Energy Strategy Center SRIE).

AZERBAIJAN

by **Prof. Elmira RAMAZANOVA** (Geotechnological problems of Oil, Gas and Chemistry).

BULGARIA

by **Dr. Lulin RADULOV** (Black Sea Regional Energy Centre).

ESTONIA

by **Prof. Alvina REIHAN** (Technical University of Tallinn).

KAZAKHSTAN

by **Prof. Sergey INYUTIN** (SRC Kazhiminvest).

13:30 – 15:00

Lunch break

15:00 – 17:00

CLIMATE CHANGE POLICY MIXTURES – 2

CHAIR

PROF. JORGAQ KACANI

President of BSUN, Rector of Polytechnic University of Tirana – Albania.

PROF. ALEXANDER ILYINSKY

Financial University under the Government of the Russian Federation - Russia.

PROF. GEORGE E. HALKOS

University of Thessaly – Hellas.

NATIONAL REPORTS

MOLDOVA

by **Dr. Ion COMENDANT** (Institute of Power Engineering ASM).

ROMANIA

by **Ms. Camelia VASILE** (Institute for Studies and Power Engineering).

RUSSIAN FEDERATION

by **Prof. Alexander ILYINSKY** (Financial University under the Government of the Russian Federation).

SERBIA

by **Mr. Aleksandar MADZAREVIC** (University of Belgrade – Faculty of Mining and Geology).

TURKEY

by **Prof. Bilgin HILMIOGLU** (TUBITAK Marmara Research Center).

UKRAINE

by **Prof. Evgenij INSHEKOV** (Institute for Energy Saving and Energy Management).

17:00-18:00

CHAIR

DR. LULIN RADULOV

Director of Black Sea Regional Energy Centre – Bulgaria.

PROF. CHIEN – TE FAN

The Institute of Law for Science and Technology, National Tsing Hua University – Taiwan.

PROF. DIMITRIOS MAVRAKIS

Director of KEPA, National and Kapodistrian University of Athens – Hellas.

NEEDS AND GAPS by DR. LULIN RADULOV

Black Sea Regional Energy Centre - Bulgaria.

DISCUSSION

20:30

Dinner

Day 2

10 October 2013

Venue:

Kostis Palamas building

9:30–13:30

ENVIRONMENT - CLIMATE CHANGE

CHAIR

PROF. BILGIN HILMIOGLOU

TUBITAK Marmara Research Center - Turkey.

PROF. EVGENIJ INSHEKOV

National Technical University of Ukraine - Institute for Energy Saving and Energy Management - Ukraine.

PROF. MILTON TYPAS

National and Kapodistrian University of Athens - Hellas.

SPEAKERS ¹

CONCEPTUALIZING EQUITABLE ACCESS TO SUSTAINABLE DEVELOPMENT-DEVELOPING COUNTRIES AND TECHNOLOGY TRANSFER IN CLIMATE CHANGE NEGOTIATIONS

by Dr. **ARIEL MACASPAC PENETRANTE**, University of Leipzig - Germany.

LARGE EDDY SIMULATION OF A TURBULENT FLOW IN A DIFFERENTIALLY HEATED CAVITY WITH RAYLEIGH NUMBERS UP TO 1011

by **DR. DJEDID TALOUB**, Laboratoire des énergies renouvelables et développement durable (LERDD) Université de Constantine – Algérie.

THE CAPTURE OF CO₂ FROM FLUE GAS USING ADSORPTION COMBINED WITH MEMBRANE SEPARATION

by **PROF. KRZYSZTOF WARMUZINSKI**, Institute of Chemical Engineering – Poland.

THE EFFECT OF GOVERNMENT EXPENDITURE ON THE ENVIRONMENT

by **PROFESSOR GEORGE E. HALKOS**, University of Thessaly – Hellas.

CHAIR

PROF. ALVINA REIHAN

Technical University of Tallinn - Estonia.

PROF. ANCA POPESCU

Institute SPE – Romania.

¹ 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

**SUSTAINABLE ENERGY ACTION PLANS FOR CITIES:
THE POTENTIAL OF THE BUILDING SECTOR**

by **DR. THEODORA SLINI**, Aristotle University of Thessaloniki – Hellas.

**EFFECTS OF CLIMATE CHANGE ON GROUNDWATER RESOURCES
(GAZA STRIP CASE STUDY)**

by **DR. YUNES MOGHEIR**, Islamic University of Gaza – Palestine.

**TRANSITION TO GREEN ECONOMY - A NEW VECTOR OF KAZAKHSTAN'S
INNOVATIVE DEVELOPMENT**

by **AS. PROF. SERGEY INYUTIN**, Turan-Astana University-Kazakhstan.

AZERBAIJAN: TRANSITION TO CLEAN ENERGY

IN THE CONDITION OF CLIMATE CHANGES

by **DR. ROVSHAN KARIMOV**, Institute of Geography of Azerbaijan
National Academy of Sciences – Azerbaijan.

13:30 – 15:00

Lunch break

15:00 – 19:00

ENERGY POLICY

CHAIR

PROF.DR. NIKOLA KALOYANOV

Technical University of Sofia - Bulgaria.

DR. ION COMENDANT

Institute of Power Engineering ASM - Moldova.

PROF. CONSTANTINOS KARAGIANNOPOULOS

National Technical University of Athens - Hellas.

SPEAKERS

KEYNOTE SPEAKER: NEARLY ZERO ENERGY BUILDINGS

by **PROF. NIKOLA KALOYANOV**, Technical University of Sofia - Bulgaria.

**EMISSIONS AND THEIR DRIVERS IN UNCERTAIN BUSINESS-AS-USUAL AND
CLIMATE PROTECTION WORLDS: IMPLICATIONS OF ECONOMIC GROWTH AND
FOSSIL FUEL AVAILABILITY ASSUMPTIONS ACROSS WORLD REGIONS**

by **DR. IOANNA MOURATIADOU**,
Potsdam Institute for Climate Impact Research – Germany.

A NEGAWATT MARKET FOR SUSTAINABLE ENERGY SERVICES SECURITY

by **MRS. REEM YUSUF**, World Bank – UK.

**SIGNIFICANCE OF DEPENDABILITY CONCEPT FOR
ELECTRICITY SECURITY OF SUPPLY**

by **PROF. MILOS TANASIJEVIC**. University of Belgrade – Serbia.

**NEW LEVEL OF INVESTIGATION IN COAL CHEMISTRY SECTOR AND
ASSURANCE ON ITS BASIS OF ENERGY SECURITY**

by **MR. M.J. ISOBAEV**, Institute of Chemistry - Tajikistan.

RESEARCH ON THE EPC POLICY MECHANISM OF CITY CIRCLE IN CHINA

by **DR. ROBINSON LEE**, Huazhong University of Science and Technology – China (TBC).

**A STUDY ON THE APPLICATION OF ENERGY STORAGE DEVICES FOR ELECTRICITY
EXPENSE REDUCTION**

by **DR. WU**, National Taiwan University of Science and Technology - Taiwan.

**FORMULATING ENERGY EFFICIENCY REVOLVING FUND SCHEME IN INDONESIA:
A POLICY ANALYSIS**

by **MR. SETYAWAN DHANI**, Ministry of Finance – Indonesia.

RENEWABLE ENERGY SOURCES

CHAIR

PROF. ANDONAQ LAMANI

Polytechnic University of Tirana – Albania.

DR. ALEXANDER SPACHIS

Head of EU Delegation in Nepal.

PROF. NIKITAS NIKITAKOS

University of Aegean - Hellas.

SPEAKERS

ESTABLISHING A FRAMEWORK TO PROMOTE OFFSHORE WIND ENERGY IN TAIWAN: LESSONS FROM THE EUROPEAN EXPERIENCE

by **DR. ANTON MING-ZHI GAO**, The Institute of Law for Science and Technology, National Tsing Hua University – Taiwan.

AVOIDED WATER USE BY WIND ENERGY: ADDRESSING THE ENERGY-WATER CHALLENGE

by **MS. ANGELIKI KOULOURI**, EWEA – Belgium.

LCOE AS A POLICY TOOL FOR RES-E SUPPORT SCHEMES

by **DR. CHRISTOS TOURKOLIAS**, CRES - Hellas.

POTENTIAL AND OPPORTUNITIES OF RENEWABLE ENERGY IN KYRGYZ REPUBLIC AND CENTRAL ASIA

by **DR. ALAIBEK OBOZOV**, Centre for Renewable Energy Use Problems of the Kyrgyz Republic – Kyrgyzstan.

OPTIMIZATION OF LAWS AND POLICIES ON THE DEVELOPMENT AND UTILIZATION OF BIOMASS ENERGY IN CHINA UNDER THE INNOVATION-DRIVEN IDEA

by **MS. WU CHUNYAN**, Huazhong University of Science and Technology – China.

THE IMPACT OF RENEWABLE ENERGY PROJECT IN NEPAL

by **DR. ALEXANDER SPACHIS**, Delegation of the European Union to Nepal - Nepal.

CONTENT ANALYSIS ON CHINA PHOTOVOLTAIC INDUSTRY POLICIES FROM THE PERSPECTIVE OF POLICY TOOLS THEORY

by **MR. DONGDONG SONG**, Huazhong University of Science and Technology – China.

OBSTACLES FOR THE PROMOTION OF SMALL HYDRO IN KAZAKHSTAN : ANALYSIS OF THE BARRIERS TO TECHNOLOGY TRANSFER

by **AS. PROF. SERGEY INYUTIN**, Turan-Astana University-Kazakhstan.

BOX TYPE SOLAR COOKERS TESTING IN TURKEY'S CLIMATIC CONDITIONS

by **MS. E. EMEL DILAVER**, General Directorate of Renewable Energy - Turkey.

Day 3

11 October 2013

Venue:

Kostis Palamas building

9:30–13:30

PROGRAMS AND PROJECTS

CHAIR

PROF. OLGA EFIMOVA

Finance University under the Government of Russian Federation- Russia

PROF. SERGEY INYUTIN

Turan-Astana University-Kazakhstan

PROF. TERINA PAPPAS

National and Kapodistrian University of Athens - Hellas.

SPEAKERS

MR. ROMAN MATKIWSKY

Director for Energy and Infrastructure of BSTDB

ARMENIAN ENERGY SYSTEM DEVELOPMENT STUDY USING THE MARKAL-ARMENIA INTEGRATED ENERGY SYSTEM MODEL

by **DR. VAHAN SARGSYAN**, Energy Strategy Center (ESC) of Scientific Research Institute of Energy (SRIE) – Armenia.

COGENERATION IN SOUTH EAST EUROPE. TRENDS AND PERSPECTIVES

by **MR. THEODORE CHRONIS**, Hellenic Association for Cogeneration of Heat and Power - Hellas (TBC).

PROMOTING LOW EMISSION URBAN DEVELOPMENT STRATEGIES IN EMERGING ECONOMY COUNTRIES (URBAN-LEDS)

by **MR. LUCAS DE MONCUIT**, ICLEI-Local Governments for Sustainability - Germany.

IMPACT OF RES IMPLEMENTATION ON TECHNICAL AND ECONOMIC CHARACTERISTICS OF REGIONALLY INTEGRATED ARMENIAN ENERGY SYSTEM

by **DR. VAHAN SARGSYAN**, SRIE ESC – Armenia.

GHG EMISSION PATHWAYS OF THE HUNGARIAN ECONOMY TOWARDS 2050

by **DR. MIKLOS GYALAI-KORPOS**, National (Climate Change) Adaptation Centre of the Geological and Geophysical Institute of Hungary (MFGI NAK) – Hungary.

CLIMATE CHANGE MITIGATION AND ADAPTATION: POLICIES, PLANS AND ACTIONS IN SOUTH EAST EUROPE COUNTRIES

by **MS. VASSO TSIAUSSI**, The Goulandris Natural History Museum (Hellas).

RESOURCES CONSUMPTION FORECASTING AND EFFICIENCY IN SOUTH EAST EUROPE: THE RE-SEETIES EXPERIENCE

by **MR. CHRISTOS NAKOS**, CRES Hellas.

SUSTAINABLE DEVELOPMENT REPORTING: INTERNATIONAL AND RUSSIAN EXPERIENCE

by **DR. OLGA EFIMOVA**, Finance University under the Government of Russian Federation- Russia.

CONFERENCE

6th Annual International Scientific Conference on Energy and Climate Change

Venue:

Day 1: University of Athens, Ioannis DRAKOPOULOS Hall
30 Panepistimiou str., Athens
<http://goo.gl/maps/HrMuB>

Venue:

Day 2 – Day 3: Kostis Palamas building, 48 Academias str.
<http://goo.gl/maps/XZWSH>

Metro station for both venues: PANEPISTIMIO (red line)

Organizer:

Energy Policy and Development Centre (KEPA)
National and Kapodistrian University of Athens
E-mail: epgsec@kepa.uoa.gr • Website: www.kepa.uoa.gr

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