

7th International Scientific Conference

Energy and Climate Change

Green economy

3rd open call



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8 – 9 – 10 October 2014
Athens, Greece

Organized by
Energy Policy and Development Centre (KEPA)
of the National and Kapodistrian University of Athens

Coordinator of

P R O M I T H E A S The Energy and Climate Change Policy Network

The Conference

The 7th International Scientific Conference on “**Energy and Climate Change**” of the PROMITHEASnet will take place at the premises of NKUA (Kostis Palamas building) on **October 8-10, 2014** in Athens, Greece. The event is asked to be set under the auspices of the Black Sea Economic Cooperation organization (BSEC) as it happened in all past years.

The Conference, starting from 2013, is scheduled to promote the Green Economy issue and following its structure to bring together members and representatives from the scientific community, governmental authorities, members of parliaments, market stakeholders, banking officers and representatives from international and regional organizations.

This year the event is oriented towards “Green economy”, in an effort to promote the **BSEC Task Force for the Green Energy Development**, to facilitate the exchange of scientific knowledge and best practices on latest efforts to promote the Framework of Various Approaches and the New Market Mechanisms as they are shaped through the ongoing negotiations.

The Conference is divided in three (3) main parts. The **first part** is devoted to policies promoting the Green Energy Development and intends to invite members of the BSEC-Task Force to present their national policies on Climate Change Mitigation, RES and Energy Efficiency. The **second part** is devoted to scientific presentations, as it happened in all previous years. Finally the **third part** is shaped as a “Brokerage event” that will bring together scientists and engineers with policy makers and market stakeholders so as to increase their cross-interaction promoting innovative solutions and cooperation on common importance topics. *In addition, during this last part*, a new session is devoted to participants that are interested to formulate consortia in the context of Horizon 2020 (or other international) calls for proposals. To that aim project proposals with clear reference to the topic characteristics, an abstract of the proposed project and short description of the expected partnership can be presented, while potential partners will be facilitated in further deliberations.

The whole programme, as usual, will be assorted by a qualitative cultural programme.

The History

The PROMITHEAS Conference started as an activity of a FP6 funded project and has developed as an annual Conference for scientists and researchers working in energy and climate change policy issues. The 1st PROMITHEAS Conference titled “**Energy Investments and Trade Opportunities**” in 2008 was a two-day event focused on political and scientific topics.

The PROMITHEAS Conferences titled “**Energy and Climate Change**” that followed were usually two-day events, but were dedicated exclusively on research issues. All events are hosted by the oldest university of Greece, the National and Kapodistrian University of Athens (NKUA); organized by the Energy Policy and Development Centre (KEPA) of the NKUA, coordinator of the PROMITHEAS Network and set under the auspices of the Black Sea Economic Cooperation (BSEC) Organization.

Organization

The Energy Policy and Development Centre (NKUA-KEPA), coordinator of the PROMITHEAS Net is an academic research institute (within the National and Kapodistrian University of Athens). The PROMITHEAS network includes so far twenty five (25) members from sixteen (16) countries of S.E. Europe, Black Sea, Caspian Sea and Central Asia. KEPA is a member of the United Nations Academic Impact (UNAI) since December 2011. The activities of the Centre are mainly related to energy geopolitics, regional energy markets, promotion of energy investments and trade, environmental implications of energy use, development and evaluation of M/A policy portfolios, the energy interconnections and the power sector. The contact details of KEPA are the following:

**Energy Policy and Development Centre (KEPA)
National and Kapodistrian University of Athens**

Panepistimiopolis, KEPA Building

157-84 Athens, Greece

Tel.: (+30) 210-7275732, (+30) 210-7275809 - Fax: (+30) 210-7275828

E-mail: epgsec@kepa.uoa.gr - Website: www.kepa.uoa.gr

For registration to the conference it is necessary to complete the Registration Form and send it to NKUA-KEPA, by 27 September, 2014.

- ❖ the registration fee amounts to **400 €**.

Special registration fees will apply for the following cases:

- ❖ **200 €** for PhD students.
- ❖ **250 €** for scientists of the PROMITHEASnet members.
- ❖ **100 €** for accompanying persons (others than the co-authors).

50 € for each additional contribution. Each accepted abstract is presented by the registered author. In case of multiple presentations by only one registered author the additional contribution fee will be paid.

Payments and Cancellations

Payment can be made either by direct payment of the whole amount to the NKUA – Special Account for Research Grants' account at Alpha Bank or by 50% of the amount to the aforementioned account and the remaining amount by cash upon registration during the Conference. The payment should be sent to the following account:

Name: Special Account for Research Grants of the National and Kapodistrian University of Athens

Bank: Alpha Bank

Branch: Korai 554

Address: Korai 1 & Stadiou str., 105 64 Athens Greece

Account No: 80 200 200 1000 227

IBAN: GR03 0140 8020 8020 0200 1000 227

BIC: CRBAGRAA

Beneficiary: NKUA/SARG

Payment through credit cards is not acceptable. Upon registration, the organizers will issue an official receipt to the participant. Cancellations are accepted up to, and no later than 12 September 2014, with a full refund of the payment made. In the case of cancellation after this date, a 50% refund of registration fees will be made, while for cancellations after 19 September 2014 there will be no refund.

Participants should send the registration form along with the copy of the bank receipt for the payment otherwise their registration will not be considered as complete. The Conference material will be available only for those registered. The registration form can be downloaded from the web-site. Participants are kindly requested to write on the bank receipt as payment explanation "PROMITHEAS- 7th International Conference".

For payment through the participant's institution, company or organization and the issuance of the relevant invoice, the participant should contact the organizers and settle this issue **before the event**. Participants will provide the necessary data so as the organizers issue the invoice before or during the Conference.

Visa

Participants that need the issuance of a visa to travel to Greece are kindly requested to contact the organizers in time (at least one month before the event) and settle this issue. The organizers will facilitate them by sending the relevant invitation to the pertinent Greek consulate after the completion of the registration procedure.

The Conference Language is **English**. For the **Scientific and the Brokerage parts** intending contributors should submit initially **only abstracts**. Electronic submission (in MS Word format) through e-mail is strongly recommended.

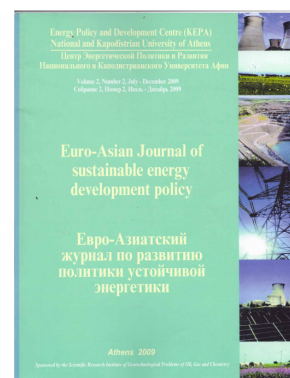
Abstracts (for the scientific part) should be approximately 250 words in length and should clearly quote the scientific contribution of the proposed presentation, the used methodology/approach and the expected outcomes. Authors should include at the end of the abstract five (5) scientific bibliographic references. Abstracts that do not fulfill the technical requirements will not be forwarded for review. Abstracts will be reviewed by the Scientific Committee before their acceptance for presentation.

The authors are kindly requested **to indicate their affiliation, contact details and at which of the following themes and topics their work refers to**. A template for the abstracts is at the last page and attached. Intending contributors may download from the Conference web-site the *Guide for Abstracts/Papers* and the *Sample page* for preparing their documents according to the required format. An author whose abstract is accepted and intends to present that work is kindly requested to **register** before **September 12th, 2014**.

The book of all presented abstracts will be published and distributed with the Conference Program. The Conference Proceedings will include the full papers that were presented during the Conference (ISSN number provided). Authors should submit the full paper once they are informed that their abstract is accepted. All presentations will be uploaded at the web-site of the Conference. The size of the presentation or of the full paper should not be more than 5MB.

Research papers presented at the Conference, after the written expression of interest of their authors, will be reviewed for publication at the PROMITHEASnet Journal titled "Euro-Asian Journal of sustainable energy development policy".

Abstracts should be submitted electronically only at: promitheas@kepa.uoa.gr
- (Contact person Dr. Popi KONIDARI)



Abstracts (for the brokerage part) should be approximately 250 words in length and should concern presentation of: i) already funded projects and their outcomes ii) projects that are still on going or just completed; iii) proposals for research and innovation. The topics need to fall within those of the presented themes.

After acceptance of the abstract authors will prepare a two-page informative document about their project/proposal. The template is available at the web-site of the event.

Abstracts should be submitted electronically only at: promitheas@kepa.uoa.gr
- (Contact person Aliko-Nefeli MAVRAKI, M.Sc.)

PROMITHEAS network invites scientists, researchers, PhD candidates and engineers from the academic, scientific, engineering and industrial sectors to participate and contribute in promoting and disseminating scientific knowledge. Participants are welcomed to submit abstracts relevant to the following themes/topics or to combinations of them:

A. Energy Policy

General topics

- Energy supply and geopolitics
- Strategic energy planning
- Energy interconnections
- Transcontinental energy corridors
- Environmental, social and economic impacts of energy policies and usage
- Analysis and optimization of energy processes
- Energy scenarios, modeling and forecasting
- Energy security and risk assessment
- Energy management systems
- Energy system analysis and modeling
- Decision support systems for energy sector management
- Energy Economics

These general topics concern also the following themes and topics.

A1: Conventional fuels (oil, gas, coal, lignite)

- Reserves estimation technologies and methodologies – Exploration – Geological, geochemical and geophysical methods and technologies
- Production and transportation
- Improved recovery
- Socio-economics of reserves exploitation and fossil fuel transportation
- Design, construction and operations of pipelines
- Hydrocarbons maritime and rail transportation

A2. Renewable Energy Sources (solar, wind, hydro, geothermal, biomass, tidal wave, hydrogen)

- Obstacles for the promotion of renewable energy
- Competitiveness and cost efficiency
- Renewable energies in rural areas
- Emissions cuts and the promotion of RES
- Vulnerability of RES

A3. Biofuels

- New BioTechnologies
- Policies for promoting the use of biofuels
- Global trading and pricing

A4: Electricity

- Generation, transmission & distribution planning and protection
- Power systems reliability and security
- Corporate system planning and management
- Market policies, structures and rules
- Market deregulation
- Markets modeling and simulation
- Pricing and transactions
- Optimization Techniques
- Demand and/or Load Management/Forecast
- Plant and equipment operation, maintenance, control and condition monitoring
- Modern technology and computation techniques and applications
- Online Monitoring and Diagnosis
- Distributed Generation, Co-generation
- Power Generation – Conventional and Renewable
- Smart Grid Technologies

B. Environmental – Climate Change Policy

General topics

- Environmental protection policies (water, noise, health, pollution, ecosystems, biodiversity)
- Environmental – climate change economics
- Comparative analysis of policies

These general topics concern also the following themes and topics.

Themes and topics

B1: Climate change

- Climate change forecasting models and simulations
- Assessing climate change policies through models and methods
- Measuring and evaluating climate change impacts (water cycle, forests, ecosystems, biodiversity, land regions, agriculture, health and cultural heritage)
- Mitigation policies (FVA, NAMA, ETS, MRV).
- Adaptation policies
- Mitigation and adaptation policy mix (synergies, conflicts)
- Carbon dioxide capture and storage
- Climate change and ozone layer depletion

B2: Energy efficiency and conservation

- Optimal use of energy resources
- Mathematical models
- Techniques and technologies for energy consumption measuring and monitoring
- Optimization of day lighting and artificial lighting (green lighting)
- Energy networks and decentralized production (heat and electricity)
- Nearly zero energy buildings

Important dates

Deadlines for the 3rd open call

Deadline for the submission of abstracts: 21 July 2014
 Notification of acceptance: 1 August 2014
 Deadline for submission of full paper: 1 September 2014

(for Scientific and Brokerage parts)

Scientific Committee

An International Scientific Committee with members from Greece, EU, BSEC and Central Asia countries will ensure the quality of the Scientific Sessions.

Prof. Mihail CHIORSAC, Technical University of Moldova, Moldova

Prof. Eduardo CROCI, Bocconi University, Italy

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

Prof. Olga EFIMOVA, Finance Academy, Russia

Prof. Chien-Te FAN, National Tsing Hua University, Taiwan

Prof. Anton Ming-Zhi GAO, National Tsing Hua University, Taiwan

Prof. George HALKOS, University of Thessaly, Greece

Prof. Alexander ILYINSKY, Finance Academy, Russia

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

Prof. Dejan IVEZIC, University of Belgrade, Serbia

Prof. Jorgaq KACANI, Polytechnic University of Tirana, Albania

Prof. Nikola KALOYANOV, Technical University of Sofia, Bulgaria

Prof. Konstantinos KARAGIANNPOULOS, National Technical University of Athens, Greece

Prof. Andonaq LAMANI, Polytechnic University of Tirana, Albania

Prof. Dimitrios MAVRAKIS, National and Kapodistrian University of Athens, Greece
 Prof. Haji MELIKOV, National Academy of Sciences, Azerbaijan
 Prof. Nikitas NIKITAKOS, University of the Aegean, Greece
 Prof. Agis PAPADOPOULOS, Aristotle University of Thessaloniki, Greece
 Prof. Katherine PAPPAS, National and Kapodistrian University of Athens, Greece
 Prof. Anca POPESCU, Institute for Studies and Power Engineering, Romania
 Prof. Elmira RAMAZANOVA, National Academy of Sciences, Azerbaijan
 Prof. Alvina REIHAN, Tallin University, Estonia
 Prof. Milton A. TYPAS, National and Kapodistrian University of Athens, Greece
 Prof. Krzysztof WARMUZINSKI, Polish Academy of Sciences, Poland

Each participant will have to handle his/her booking and pay directly to the hotel, indicating on the registration form the hotel he/she will select. The following list includes recommended hotels. Participants should mention "PROMITHEAS CONFERENCE" when booking. Please look at the "Guide of Athens" on the website to see the location of each hotel.

ATHINAIS

(Tel: +30- 210-6431133, fax:+30-210-6461682, e-mail: info@athinaishotel.gr,
reserve@athinaishotel.gr, [http:// www.athinaishotel.gr](http://www.athinaishotel.gr))

Room type rates

Single room per night including breakfast, taxes etc. 60€

Double room per night including breakfast, taxes etc. 65€

Attalos Hotel Athens

(Tel: +30 210 3212801-2-3, fax: +30 210 3243 124, e-mail: info@attaloshotel.com,
<http://www.attaloshotel.com>)

Room type rates

Single room per night without balcony and without breakfast 53.55€

Single room per night without balcony including breakfast 60.35€

Double/Twin room per night without balcony and without breakfast 63.75€

Double/Twin room per night without balcony including breakfast 77.35€

Double/Twin room per night with balcony and without breakfast 70.55€

Double/Twin room per night with balcony including breakfast 84.15€

President Hotel Athens

(Tel: +30- 210-6989000, fax:+30-210-6980840, e-mail: sales@president.gr,
president@president.gr, [http:// www.president.gr](http://www.president.gr))

Room type rates

Single room per night including American buffet breakfast, taxes etc. 68€

Twin/Double room per night including American buffet breakfast, taxes etc. 68€

Triple room per night including American buffet breakfast, taxes etc. 88€

Alexandros

(Tel: +30- 210-6430464, fax: 210 6441084, e-mail: reservations@airotel.gr, info@airotel.gr, <http://www.airotel.gr/hotel/alexandros>)

Room type rates

Single room per night including Greek traditional buffet, wireless internet, taxes etc. 78€

Double room per night including Greek traditional buffet, wireless internet, taxes etc. 87€

Free services: Parking space, free of charge preparation of coffee and tea in all rooms

Central Athens Hotel

(Tel.: +30 210 3234357-9, fax: +30 210 3225244, e-mail: reservation@centralhotel.gr, www.centralhotel.gr)

Room type rates

Regular Single per night on BB basis, all taxes included 80€

Regular Double per night on BB basis, all taxes included 100€

Superior Single per night on BB basis, all taxes included 100€

Superior Double per night on BB basis, all taxes included 120€

Stratos Vasilikos Hotel

(Tel: +30- 210-7706611, fax: 210 7708137, e-mail: reservations@airotel.gr, info@airotel.gr, http://www.airotel.gr/hotel/stratos_vasilikos)

Room type rates

Single room per night including Greek traditional buffet, wireless internet, taxes etc. 92€

Double room per night including Greek traditional buffet, wireless internet, taxes etc. 101€

Free services: Gym, sauna, hamam, free of charge preparation of coffee and tea in all rooms

The ATHENS GATE Hotel

(Tel:+30-210-9238302, fax:+30-210-9237493, e-mail: reservations@athensgate.gr, <http://www.athensgate.gr>)

Room type rates

Standard Single room per night including breakfast and taxes 110€

Standard Double/twin room per night including breakfast and taxes 120€

Superior single room per night including breakfast and taxes 130€

Superior Double/twin room per night including breakfast and taxes 150€

(Above rates include American buffet breakfast and taxes 7,00%, The rates are corporate. Should taxes change rates will be adjusted accordingly. All rooms have fast internet with surcharge. In all public areas and meeting room in the hotel, there is a wireless internet connection)

Amalia Hotels

(Tel: +30- 210-6072125, fax: +30 210 6072135 or 136, e-mail: reservation@amaliahotels.com, <http://www.amaliahotels.com>)

Room type rates

Superior Single room per night including breakfast, use of internet and taxes etc. 115€

Deluxe Single room per night including breakfast, use of internet and taxes etc. 125€

Superior Double room per night including breakfast, use of internet and taxes etc. 130€

Deluxe Double room per night including breakfast, use of internet and taxes etc. 140€

Data of credit card will be asked as guarantee and the payment will occur directly at the hotel.

For previous events and for the 7th International Scientific Conference “Energy and Climate Change” – <http://www.promitheasnet.kepa.uoa.gr>



Title. Name SURNAME ¹

Position in institute

Title. Name SURNAME

Position in institute

¹ *Contact details of corresponding author*

Tel: +

Fax: +

e-mail:

Address:

Abstract

This is a sample page for the format of the Euro – Asian Journal of Sustainable Energy Policy, published by the PROMITHEAS Network. An abstract of up to 250 words outlining the aims, scope and conclusions of the paper must be supplied. The abstract must be typed in Times New Roman Font size 10pt.

More specifically the authors need to include in the abstract the scientific contribution of the proposed presentation, the used methodology/approach and expected outcomes. Authors should include at the end of the abstract up to five (5) scientific bibliographic references, those that they consider as most important for writing the full paper in case that the abstract is accepted. Authors need to be cautious in including recent references and in English language. If the reference in another language the authors need to translate it and quote the phrase “Available only in “*name of language*””.

The authors are kindly requested to indicate their affiliation, contact details and at which of the following themes and topics their work refers to. Intending contributors may download from the Conference web-site the Style Guide for Abstracts/Papers and the Sample page for preparing their documents according to the required format. An author whose abstract is accepted and intends to present that work is kindly requested to register before September 16th, 2011.

References

Reference to a journal publication: *Mavrakis, D., Thomaidis, F., 2005. “The south energy corridor”. Euro-Asian J. of Sustainable Energy Policy. Issue. 3, p 33-41.*

Reference to a book: *Smith J., 1979. “The Energy View of BSEC Countries”, third ed. Wiley, New York.*

Reference to a study: *KEPA, 2004. “Energy Policy of Greece”.*

Reference to a scientific or official web page: *PROMITHEAS, 2006. General Information. PROMITHEAS Website, available at: <http://www.promitheasnet.kepa.uoa.gr>*