

# Newsletter

of PROMITHEAS Net

on energy and climate change policy research issues

Issue 19



## General Info

This bimonthly newsletter of the PROMITHEAS Network is distributed **free of charge** to more than 12,500 recipients in one hundred sixty five (165) countries. It includes information about the network activities, its members and events concerning energy and climate change research. **Sponsorships for its circulation are welcomed.**

Polytechnic University of Tirana (Albania), ESC (Armenia), GPOGC (Azerbaijan), BSREC, TUSB (Bulgaria), EECGEO (Georgia), KEPA, CRES (Hellas), INEXCB-Kz (Kazakhstan), PCTC-KG (Kyrgyzstan), IPE (Moldova), ISPE (Romania), Finance Academy, ESSUT (Russian Federation), UOB-CE (Serbia), SoDeSCo (Tajikistan), TUBITAK-MRC, MUCLA University (Turkey), ESEMI (Ukraine) and IUCPT (Uzbekistan).



## Official presentation of “Energy View of BSEC Countries – 2008” in Baky

The presentation of the book titled “**Energy View of BSEC countries – 2008**” took place at the Hyatt Regence Hotel in Baku (Azerbaijan) on September 30<sup>th</sup> and October 1<sup>st</sup>, 2009, under the auspices of the Black Sea Economic Cooperation (BSEC). The event was organized by the scientific research institute Geotechnological Problems of Oil, Gas and Chemistry (GPOGC) (Azerbaijan) and the Energy Policy and Development Centre (KEPA) of the National and Kapodistrian University of Athens (Hellas). The edition was sponsored by Hellenic Aid of the Hellenic Ministry of Foreign Affairs, while the event was sponsored by State Oil Company of Azerbaijan Republic (SOCAR).

The opening session was chaired by H.E. **Natiq ALIEV** – Minister of Industry and Energy, President of National Oil Committee of Azerbaijan Republic (NOCAR), **Prof. Dimitrios MAVRAKIS** – Director of KEPA (Hellas) and **Prof. Elmira RAMAZANOVA** – Correspondent member of the N.A.S., Director of Science Research Institute of GPOGC and Deputy Chief of NOCAR.

H.E. Mr. **Natiq ALIEV** made the opening address, while H.E. **Mr. Ioannis METAXAS** - Ambassador of the Hellenic Republic in Azerbaijan, **Mr. Makhmud MAMMEDQULIYEV** - Deputy Minister of Foreign Affairs of Azerbaijan, **Mr. Konstantinos ZAIMIS** - Project Coordinator of BSEC, **Mr. Kemalettin GOKTAS** - Head of the PABSEC Turkish delegation, **Mr. Rovnaq ABDULLAYEV** - President of SOCAR and Deputy Chief of NOCAR and finally, **Mr. Siyavush GARAYEV** - Rector of Azerbaijan State Oil Academy and member of NOCAR made the introductory remarks.

Two more sessions were included in the first day of the event: Session 2 - “*The energy outlook of BSEC (Policies, Initiatives, Characteristics)*” and Session 3 - “*The climate change policy issue in BSEC (policies, investment and trade in the post – Kyoto era)*”. During the aforementioned sessions, the authors of the national reports for Azerbaijan (Prof. Elmira RAMAZANOVA - GPOGC), Georgia (Mr. George ABULASHVILI - EEC-GEO), Russia (Prof. Alexander ILYINSKY - Finance Academy) and Turkey (Prof.

## Editorial note

The UN conference on Climate Change in Copenhagen starts in a few days within a foggy environment of expectations and confrontations. Although there is a common agreement on the need for decisive steps in the process of meeting the challenge of climate change, there is no relevant agreement in undertaking the cost for the development and implementation of relevant policy portfolios.

In this respect a political agreement of the participating countries will be the maximum achievement while agreement on specific targets will be left for a later time.

Regardless to the outcomes of the said Conference, there is no doubt that we have already entered a new period of world economy. New markets are already emerging, new financing tools and industrial products are prepared, and all these request the necessary knowledge support.

As all the time happens those they will get involved first, they will be most benefited. An opportunity window is now open and we are invited to cooperate and benefit.

The implementation and development of this “green economy” requests the development and transfer of new knowledge.

Scientists are invited to contribute in developing and disseminating the new “green” knowledge, re-orienting their research and educating activities.

A real challenge appears in a rapid transforming reality. It is now the moment to focus on Climate Change Policy research, reallocating the necessary resources contributing to confront the challenge and supporting governments and decision makers in their efforts.

**PROMITHEAS Net renews its invitation for the establishment of a scientific research group on Climate Change Policy and participation in relevant FP7 calls for proposals.**

Prof. Dimitrios Mavrakis  
Coordinator of PROMITHEAS Network

## Activities

Sener OKTIK - Mugla Univesrity) presented their reports, underlined the importance of the included information and informed about business opportunities in their countries.

The second day was dedicated to two Round Table discussions. The first one focused on “*Identifying and promoting opportunities of economic cooperation (energy and climate change)*” and the second, on “*Identifying sources for financing knowledge development and transfer*”. Representatives of banks, energy companies, embassies and academic institutions participated in the discussions.

The event was covered during both days by Azeri TV news and press.



### PROMITHEAS Net Journal

The third issue of the scientific bilingual (English, Russian) edition “*The Euro - Asian Journal of Sustainable Energy Development Policy*” is to be published within the next days and is sponsored by GPOGC. There is a continuously open call for submitting papers.

### Second official presentation of “Energy View of BSEC Countries – 2008”

The edition will be also presented on **3 December 2009 at Athens (Greece)** at Kostis Palamas Cultural Centre of the National and Kapodistrian University of Athens (48 Akadimias and Sina str.) with the participation of invited speakers from Albania, Armenia, Bulgaria, Moldova, Romania, Serbia, Turkey and Ukraine.

The event aims to promote investment and trade on energy and climate change activities in the BSEC region. The Secretary General of PERMIS-BSEC, ambassadors from all BSEC countries, EU, USA and China have been invited to participate to this event together with Greek energy stakeholders.

### PROMITHEAS Conference

The 2<sup>nd</sup> International Scientific Conference “*Energy and Climate Change*” of the PROMITHEAS Net took place on October 8-9, 2009 in Athens (Hellas), at the premises of the Central Building of the National and Kapodistrian University of Athens (NKUA). The event was organized by the Energy Policy and Development Centre (KEPA) of NKUA and was set under the auspices of the Azeri chairmanship of BSEC.

The Scientific Committee received approximately seventy (70) abstracts from twenty five (25) countries (Armenia, Austria, Azerbaijan, Belgium, Bulgaria, China, Egypt, Estonia, Germany, Greece, India, Italy,

Japan, Kazakhstan, Lao PDR, Moldova, Papua New Guinea, Poland, Romania, Russian Federation, Tajikistan, Thailand, Ukraine, United Kingdom and Uzbekistan) concerning energy and climate change policy topics.

The opening session was chaired by **Prof. Dim. MAVRAKIS** - Director of KEPA and Coordinator of the PROMITHEAS Network (Hellas), **Prof. Elmira RAMAZANOVA** - Correspondent Member of the National Academy of Science, Director of Science Research Institute of GPOGC, Deputy Chief of National Oil Committee (Azerbaijan), **Prof. Nikola KALOYANOV** - Vice Rector of Technical University of Sofia (Bulgaria) and **Prof. Evgenij INSHEKOV** - National Technical University of Kiev (Ukraine).

**Prof. Dim. MAVRAKIS**, **Prof. Ioannis KARAKOSTAS** - Vice Rector of NKUA for Student Affairs, Culture and International Relations and chairman of the Scientific Committee of the Conference, H.E. Amb. **Mr. Leonidas CHRYSANTHOPOULOS** - Secretary General of PERMIS - BSEC, **Mr. Anar JANAHMADOV** - Chief educational attaché of the Embassy of Azerbaijan in Athens, Amb. **Mr. Dimitrios TSOUGAS** – Director of the Hellenic Ministry of Foreign Affairs, made the introductory remarks.

More than seventy (70) participants attended the official opening of the conference. Among them were representatives from the embassies of BSEC and EU countries, USA and China.

The first session titled “Policies” included eleven (11) presentations about energy and climate policy (energy conservation measures, sustainable energy development, environmental management, green quota and revenue recycling schemes, carbon tax, integrated water resource management, models (least cost optimisation modelling, E3MG), distributed generation, RES-E penetration, AMS evaluation method).

The second session “Energy” included seven (7) presentations (production and transportation of high paraffin oils, transportations of hydrocarbons, impact of traffic regulations on the waiting queues of maritime straits, release of hazardous substance owing to accidents, impacts from an extensive use of VSDs).

The second day included two sessions. One titled “Electricity-renewable energy sources” which had six (6) presentations (sustainable energy planning, biogas, floating wind turbines, bioethanol production, solar recharging stations) and the other “Climate change” with four (4) presentations (energy efficiency, models and methods (statistical, projections)).

The Conference was completed with the Round Table discussion which concluded on:

- Establishment of Working Groups (WG) within the network that will cooperate on specific topics (energy efficiency, climate change, renewable energy sources, energy market mechanisms) (proposed by Athanasios DAGOUMAS (HTSO, Hellas), Lyubov INYUTINA, Sergey INYUTIN (Turan - Astana University, Kazakhstan), Evgenij INSHEKOV (ESEMI, Ukraine), Nikolas KALOYANOV (TUS, Bulgaria), Agis

- PAPADOPOULOS (AUT, Hellas), Milton A. TYPAS (NKUA, Hellas)).
- Preparation by the respective WG and submission of proposals to relevant funding mechanisms (European programmes, National funding mechanisms) (proposed by Anca BARDICI (ISPE, Romania), Lyubov INYUTINA, Sergey INYUTIN, Nikitas NIKITAKOS (UA, Hellas), Camelia VASILE (ISPE, Romania)).
  - Organization of training and educational activities (proposed by Anca BARDICI, Lyubov INYUTINA, Sergey INYUTIN, Nikolas KALOYANOV (TUS, Bulgaria), Konstantinos KOUROUMALOS (Prefecture of Kozani, Hellas), Nikitas NIKITAKOS, Camelia VASILE).
  - **Organization of the 3<sup>rd</sup> International Scientific Conference in 2010** with similar sessions (proposed by Athanasios DAGOUMAS, Evgenij INSHEKOV (ESEMI, Ukraine), Nikolas KALOYANOV (TUS, Bulgaria), Agis PAPADOPOULOS, Milton A. TYPAS (NKUA, Hellas), Wolfgang Wieprecht (Brandenburg University of Technology, Germany)).
  - Promotion of the edition “Energy View of BSEC countries” (proposed by Athanasios DAGOUMAS, Camelia VASILE).

- Support to the PROMITHEAS “Euro-Asian Journal of sustainable energy development policy” (proposed by Athanasios DAGOUMAS, Agis PAPADOPOULOS Milton A. TYPAS, Camelia VASILE).
- New members are welcomed to join the network (proposed by Lyubov INYUTINA and Sergey INYUTIN).

Presentations and photos are uploaded at: [http://www.kepa.uoa.gr/PROMITHEAS\\_Conference\\_MATERIA\\_L.htm](http://www.kepa.uoa.gr/PROMITHEAS_Conference_MATERIA_L.htm)

### Cooperation

Georgian NGOs on environmental issues organized the “*Climate Change Week*” on October 24-31, 2009. The aim of this event was to raise the awareness of Georgian population on impacts of climate change and mitigation measures. The PROMITHEAS member, the Energy Efficiency Centre Georgia, participated in the event with two presentations: “Energy Bus project- Energy Efficiency Programme for the Georgian Communities” and “Clean Energy for IDPs”.

Details at: <http://www.worldforumiv.info/Welcome.html>

**International:** The OECD Conference on the Economics of Climate Change took place on 18 September, in Paris.

(OECD, 14-09-09) – Details at: <http://www.oecd.org/environment/cceconomicsconf>

The 24<sup>th</sup> World Gas Conference was held on 5-9 October 2009 in Buenos Aires (Argentina).

Details at: <http://www.wgc2009.com/welcome.asp>

IEA held in Paris at OECD headquarters on October 14-15, 2009 its two-day Ministerial meeting titled “Responding to Energy Challenges in Partnership”. During the event, IEA launched two new publications: i) **IEA Scoreboard 2009: 35 Key Energy Trends over 35 Years** and ii) **Implementing Energy Efficiency Policies: Are IEA Member Countries on Track?**

(IEA, 14-10-09) – Details at: [http://www.iea.org/press/pressdetail.asp?PRESS\\_REL\\_ID=291](http://www.iea.org/press/pressdetail.asp?PRESS_REL_ID=291)

REN21 released its report “**Recommendations for Improving the Effectiveness of Renewable Energy Policies in China**”.

(REN21, 16-10-09) – Details at: <http://www.ren21.net/event/default.asp>

Pöyry Energy Consulting and Nord Pool Consulting were commissioned by World Bank to develop a **study on Wholesale Market Opening for the electricity market in South East Europe**.

(Energy Community, 21-10-09) – Details at: [http://www.energy-community.org/portal/page/portal/ENC\\_HOME/NEWS/News\\_Details?p\\_new\\_id=2761](http://www.energy-community.org/portal/page/portal/ENC_HOME/NEWS/News_Details?p_new_id=2761)

The Climate Group released the report “**The Effects of EU Climate Legislation on Business Competitiveness: a Survey and Analysis**”.

(The Climate Group, 18-09-2009) – Details at: [http://www.theclimategroup.org/assets/resources/The\\_Effects\\_of\\_EU\\_Climate\\_Legislation\\_on\\_Business\\_Competitiveness.pdf](http://www.theclimategroup.org/assets/resources/The_Effects_of_EU_Climate_Legislation_on_Business_Competitiveness.pdf)

World Bank released the report “**World Development Report 2010: Development and Climate Change**”.

**EU:** The EU Communication “**Stepping up international climate finance: A European blueprint for the Copenhagen deal**” was adopted on 10 September 2009.

(EC-DG Environment, 10-09-09) - Details at: [http://ec.europa.eu/environment/climat/future\\_action.htm](http://ec.europa.eu/environment/climat/future_action.htm)

The 3<sup>rd</sup> Ministerial Meeting of the Carbon Sequestration Leadership Forum (CSLF) was held in London.

(EC-DG Environment, 13-10-09) - Details at: <http://europa.eu/rapid/pressReleasesAction.do?reference=IP/09/1506&format=HTML&aged=0&language=EN&guiLanguage=en>

The paper “**EUROPEAN PHOTOVOLTAIC ACTIONS AND PROGRAMMES-2009**” was presented at the 24 European Photovoltaic Conference in Hamburg (21-25.9.09).

(EC-DG Energy, 29-10-09) - Details at: [http://ec.europa.eu/energy/renewables/studies/photovoltaics\\_en.htm](http://ec.europa.eu/energy/renewables/studies/photovoltaics_en.htm)

**Georgia:** The Norwegian consulting firm “Econ Poyry” is giving seminars in the Ministry of Energy of Georgia with the support of the Ministry and the Norwegian government. Seminars include training and interactive workshops on: “sustainable development of the hydro resources in Georgia”. The first workshop was organized on 24 September 2009.

(Ministry of Energy, 25-09-2009) – Details at: <http://www.minenergy.gov.ge/index.php?m=262&newsid=262>

**Germany:** The Alexander von Humboldt Foundation will grant each year **twenty International Climate Protection Fellowships** to prospective leaders from newly industrialised and developing countries to come to Germany for a year.

(Federal Ministry for the Environment, Nature Conservation and Nuclear Safety – 23-9-2009) – Details at: [http://www.bmu.de/english/press\\_releases/archive/16th\\_legislative\\_period/pm/45083.php](http://www.bmu.de/english/press_releases/archive/16th_legislative_period/pm/45083.php)

**Greece:** The World Forum on Energy Regulation IV – WFER IV took place on 18-21 October 2009 in Athens.

(World Bank, 15-09-2009) – Details at: <http://econ.worldbank.org/WBSITE/EXTERNAL/EXTDEC/EXTRESEARCH/EXTWDRS/EXTWDR2010/0,,menuPK:5287748~pagePK:64167702~pPK:64167676~theSitePK:5287741,00.html>

**Kazakhstan:** National Company “KazMunayGas” and Association “KazEnergy” announced the establishment of the **Safi Utebayev Scholarship** for students and grants for teachers.

(KazMunayGas, 21-09-2009) – Details at: [http://www.kmg.kz/page.php?page\\_id=986&lang=2&news\\_id=416](http://www.kmg.kz/page.php?page_id=986&lang=2&news_id=416)

**Norway:** Norway proposed a system for financing climate needs based on international auctioning of allowances within the United Nations Framework Convention on Climate Change (UNFCCC).

(Ministry of the Environment, 17-09-2009) – Details at: <http://www.regjeringen.no/en/dep/md/Whats-new/News/2009/paper-on-the-norwegian-proposal-on-finan.html?id=577399>

**Romania:** The **Black Sea Energy and Economic Forum (BSEEF)** took place in Bucharest, Romania, from September 30 to October 2. Next year's Forum will take place in Istanbul, Turkey.

Details at: <http://www.acus.org/event/black-sea-energy-and-economic-forum-2009>

**Serbia:** Energy Community and International Energy Agency (IEA) hosted the first Oil Forum on 24 – 25 September 2009, in Belgrade (Serbia).

(Energy Community, 18-9-09) – Details at: [http://www.energy-community.org/portal/page/portal/ENC\\_HOME/NEWS/News\\_Details?p\\_new\\_id=2621](http://www.energy-community.org/portal/page/portal/ENC_HOME/NEWS/News_Details?p_new_id=2621)

**Turkey:** European Commission opens negotiations with Turkey upon accession to the Energy Community.

(EC-DG Energy, 10-09-09) - Details at: <http://europa.eu/rapid/pressReleasesAction.do?reference=IP/09/1299&format=HTML&aged=0&language=EN&guiLanguage=en>

The Vice Prime Minister of the Russian Federation, Igor Ivanovich Sechin, the Russian Minister of Energy, Sergei Shmatko, the Minister of Energy of the Republic of Turkey, Taner Yildiz and the Minister for Economic Development of the Italian Republic, Claudio Scajola, signed on October 19, 2009 a joint statement concerning the construction of the Samsun-Ceyhan oil pipeline between Turkey's Black Sea coast and its Mediterranean coast.

(Rigzone, 19-10-09) - Details at: [http://www.rigzone.com/news/article.asp?a\\_id=81529](http://www.rigzone.com/news/article.asp?a_id=81529)

**UK:** The UK Committee on Climate Change released to the Parliament its first annual progress report **“Meeting Carbon Budgets - the need for a step change”**.

(CCC, 12-10-09) - Details at: <http://www.theccc.org.uk/reports/progress-reports>

## November

**RENEXPO® South-East Europe 2009, International Trade Fair and Conference for Renewable Energy and Energy Efficient Construction and Renovation with Passive and Low Energy Houses**, 11 – 13 Nov. 2009 in Palace Hall, Bucharest (Romania), <http://www.renxpo-bucharest.com/conference.html>

**3rd European Renewable Energy Policy Conference**, 16-17 Nov. 2009, Brussels (Belgium), <http://www.erec.org/conference.html>

**CO2 GEOLOGICAL STORAGE: LATEST PROGRESS, the ESF-FWF Conference in Partnership with LFUI, 22-27 November 2009, Universitätszentrum Obergurgl, Ötztal Valley, near Innsbruck, Austria.** The aim of this event is to draw conclusions from the last decades of research on CO<sub>2</sub> geological storage and to outline the future challenges to be faced along the road to industrial implementation. The interlinked presentations will unroll as follows: Firstly, a run-through of the characteristics of a good site for geological storage and how to select such sites (day 1), then the modelling techniques available to determine the behaviour of CO<sub>2</sub> in the reservoir (day 2), and consequently how to assess the risks linked to geological storage (day 3), followed by how to monitor a storage site (day 4). Finally, a summary of the whole process of a CO<sub>2</sub> geological storage project, from design through injection to closure and then abandonment, will be given (day 5). In addition, two sessions will focus on current and planned industrial demonstrations worldwide (days 2 and 4). At the end of each day, an open discussion session will enable participants to raise specific issues and to take on a broader perspective of the whole process. A poster session will also be organized, giving the opportunity for participants to present their work. Grants will be available for young scientists to cover their conference fee and possibly travel expenses. Abstracts and grant applications should be submitted with the application form.

Details at: <http://www.esf.org/index.php?id=5253>

**“ERRA Training Course: Renewable Energy Regulation”**: 23-27 November 2009, Budapest (Hungary). The objective of this 5 days training course is to provide the participants with an overview of those aspects of environmental regulation that affect the life of energy companies and of those regulating them

in the most significant way. The emphasis of the training is put on the discussion of three specific areas: the promotion and regulation of renewable energies, the operation of emerging greenhouse gas markets and the regulatory tools of controlling local pollutions caused by energy companies. During the intensive course the following broad themes will be addressed: Environmental impacts, externalities; Renewable energy 1. Technology and grid integration; Renewable energy 2. - In-depth regulatory issues; Emissions trading; Renewable energy 3. - Demand side programs.

Details at: [http://www.erranet.org/Training/Intermediate\\_Advanced\\_Training/Renewables\\_2009](http://www.erranet.org/Training/Intermediate_Advanced_Training/Renewables_2009)

**4th International Renewable Energy Storage Conference IRES 2009**, November 24-25, 2009, Berlin (Germany), [http://www.eurosolar.de/en/index.php?option=com\\_facileforms&Itemid=90](http://www.eurosolar.de/en/index.php?option=com_facileforms&Itemid=90)

**Baltic Energy Market Interconnection Plan (BEMIP) Regional Conference**, 25 Nov. 2009, Vilnius (Lithuania), [http://ec.europa.eu/energy/infrastructure/events/2009\\_11\\_25\\_bemip\\_conference\\_en.htm](http://ec.europa.eu/energy/infrastructure/events/2009_11_25_bemip_conference_en.htm)

## December

**GeoPower Europe 2009**, 2-4 December 2009, Munich, Germany, <http://www2.greenpowerconferences.co.uk/v8-12/Registration/Index.php?sEventCode=GE0912DE>

**Wind Power Turkey**, 8-9 December 2009, Mövenpick Hotel, Istanbul (Turkey), <http://www.windpowerturkey.com/venue.html>

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