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PROMITHEAS -2
THE EU-BSEC ENERGY AND CLIMATE POLICY
NETWORK

Specific Support Actions (SSA)

for Multilateral co-ordination of national RTD policies and activities

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GPOGC



BSREC



IPE



ISPE



ESEMI

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Publishable Executive Summary

This is the first progress activity report of the PROMITHEAS-2 project. The objective of this report is to present the major achievements of the project during the first reporting period September 2006 – August 2007. More specifically, the project was launched on September 1st, 2006, and the first reporting period ended on August 31st, 2007.

This report contains information regarding the work that has been done during this period and is an updated version of the progress report that was prepared for the Second Steering Committee meeting that was held on April 20th, 2007 in Instabul.

This work concerns the management and the activities of the project (the scientific workshops, the website, the newsletter, the seminar, the e-class and the scientific journal). There is also information regarding parallel-activities of the project (the KEPA initiative, the annual edition of 2006 “Energy View of BSEC Countries”, PROMITHEAS-3 proposal, the long distance learning network proposal) that are linked with the project objectives and the impact of the project so far.

Section 1 – Project objectives and major achievements during the reporting period

The aim of PROMITHEAS-2 is to establish a network of research entities focusing on national and EU priorities in Energy and Climate Policy thematic areas and mobilizing the regional scientific potential.

The general project objectives are:

- Definition of the most promising fields of collaboration in Energy and Climate Policy research among the countries of the region and with the EU;
- Identification of suitable regional stakeholders and scientific potential for the establishment of a training and informative mechanism aimed at the widest possible diffusion of knowledge;
- Support to the dialogue and strengthening of the cooperation between Commission, EU Member and Associated Candidate States, and Third Partner Countries specifically in the fields of Energy and Climate Policy within the framework of ERA and FP7 procedures.

Until now the project participants have worked towards these objectives. Regarding the first objective, through an initiative that KEPA launched in January 2007, there are lists of institutions coming from the regions of the Black and Caspian Sea and Central Asia that are interested to participate under specific research topics in Energy, Climate, Food, Agriculture & Biotechnology (Annex I of the Progress report for the Second Steering Committee Meeting, April 2007). These lists are on the website of the project (http://www.kepa.uoa.gr/PROMITHEAS-2_index.html). PROMITHEAS-2 has disseminated this information towards EU national contact points, ministries, universities, institutes, research centres and companies in order to trigger responses from EU partners for these proposals.

The second Steering Committee (held on April 20th, 2007 in Black Sea Economic Cooperation (BSEC) headquarters at Instabul) was upgraded into an event that targeted the scientific community of the region.

The third Scientific Workshop in Kiev has also been upgraded into a BSEC event that will target the scientific communities of the Black and Caspian Sea countries and the Central Asia region as well. The exact date of this meeting has been set for November 9th, 2007.

Contacts have been made with institutions coming from Third Partner Countries (located in Central Asia, the Black and Caspian Sea regions) so that they participate in the network. More specifically the institutions, that participate now at the PROMITHEAS network are: Albanian EU Energy Efficiency Center (Albania), Energy Strategy Centre (Armenia), Energy Efficiency Centre Georgia (Georgia), Independent Expert Consulting Board to Promote Scientific Research Activity in Kazakhstan (Kazakhstan), Public Centre for Tobacco Control (Kyrgyzstan), University of Belgrade – Centre of Energy (Serbia), Society for Development of Scientific Cooperation in Tajikistan (Tajikistan), Marmara Research Center (Turkey), Indo-Uzbek Centre for Promotion S&T Cooperation (Uzbekistan), Faculty of Economy, M.V. Lomonosov Moscow State University, Energy and Climate Projects (Russian Federation).

A number of parallel activities of the project have also taken place aiming to strengthen the research cooperation bonds between EU Member and Associated Candidate States, and Third Partner Countries specifically in the fields of Energy and Climate Policy. The PROMITHEAS Network circulated in April 2007, the annual edition of 2006 “Energy View of BSEC Countries”. This edition was presented during the first scientific workshop in Baku, on April 11-12th, 2007 and the Second Steering Committee meeting, on April 20th 2007, in Instabul. Copies of the edition have been distributed to ten (10) countries: Albania, Armenia, Azerbaijan, Bulgaria, Georgia, Greece, Moldova, Romania, Serbia and Ukraine.

During May 2007, the extended PROMITHEAS Network submitted a FP7 proposal titled as “PROMITHEAS-3, EU – BSEC & Central Asia Energy and Climate Policy Network”.

In May 2007, the extended PROMITHEAS Network has also submitted at the Hellenic Ministry of Foreign Affairs a proposal for the establishment of a Long distance learning network.

The aforementioned activities are also the main achievements of this one year period.

However, there were two (2) main problems, communication and short delays with certain tasks of the project. Scientists from these countries do not feel comfortable with English. They prefer their own language or the Russian language. Most of these people have as a second language Russian instead of English or French that are used in EU. This problem was confronted by translating the open calls for the journal and the seminar in both languages (English and Russian) and projecting the Russian version of the website at any occasion. The second main problem concerned the seminar, the Russian version of the website and the e-class. Corrective actions – such as prioritizing activities and asking from other partners to contribute also when necessary - were foreseen and improved the situation.

Section 2 – Work package progress of the period

Work package 1- Steering Committee meetings

Work package objectives

The objective of Workpackage 1 is the organization of four (4) Steering Committee (SC) meetings that aim to coordinate the project and monitor its progress. Work package 1 is carried out through the following tasks:

- **Task 1.1 Kick-off meeting:** (Work program analysis, detailed presentation of objectives and distribution of work among network partners)
- **Task 1.2 Second SC meeting:** (Assessment, recommendation and approval of: i) proposals regarding the seminar and the trans-regional cooperation and ii) the progress of the project)
- **Task 1.3 Third SC meeting:** (Assessment of the project progress, discussion regarding future network activities and expansion of network)
- **Task 1.4 Final SC meeting:** (Assessment of the overall project outcomes, discussion regarding future network activities and finalization of the project)

The kick-off meeting was held at KEPA premises in Athens. The second SC meeting was hosted by BSEC – PERMIS in its headquarters in Istanbul. The third SC meeting will be held in Kiev, hosted by ESEMI. The final SC meeting will be held in Athens, one day after the final Conference.

During the kick-off meeting, and taking into account that the second SC meeting was going to be hosted by BSEC – PERMIS in Istanbul, it was suggested and agreed to upgrade this meeting into an event targeting the scientific community of the region.

In this context a one-day event under the title “***Workshop on Energy and Science & Technology – Perspectives for regional projects***” was hosted, along with the second SC meeting at BSEC – PERMIS headquarters in Istanbul on April 20th, 2007.

The objectives of this Workshop were to:

1. Organize this event with the participation of BSEC representatives from the Education and/or Science and Technology and/or Energy Working Groups, and EU DG-Research and DG-TREN;

2. Offer the grounds to EU officials to present the European Neighborhood Policy and FP7 opportunities in the sectors of Energy and Environment;
3. Make a presentation of the ongoing network activities and invite BSEC scientists to participate;
4. Invite BSEC universities and research institutions with relevant activities to participate in the network and take advantage of already created momentum to participate in future FP7 calls;
5. Allow discussion on other similar on-going projects or project ideas and bring about new fruitful synergies in the project based approach of the BSEC Organization.

Starting point of work at beginning of reporting period

Prior work for this work package concerns the period before the first SC. This work concerns the preparations of the kick-off meeting.

Progress towards objectives

Task 1.1

The kick-off meeting (1st SC meeting) initiated PROMITHEAS-2 programme and fulfilled its main objectives:

- Detailed presentation of:
 - o Programme's objectives;
 - o Expected results and quality of work;
 - o Programme's deliverables.
- Analysis of the work program;
- Nomination of key persons and presentation of the effort for completion of the programme.

Task 1.2

The Workshop was organized by the Serbian Chairmanship-in-Office of BSEC and the Energy Policy and Development Centre (KEPA) with the participation and contribution of the members of the BSEC Working Groups on Energy, Environment, Science & Technology and Education and regional energy and climate policy scientists, and state and private sector stakeholders.

For the fulfillment of its aforementioned objectives, the following actions were performed:

- More than one thousand and one hundred (1,100) stakeholders were invited. Specifically from:
 - o EC-DG-TREN and EC-DG-S&T;
 - o Ministries of Foreign Affairs of BSEC countries;
 - o Bodies and Organizations of BSEC (PERMIS, PABSEC, Business Council, BSTDB, ICBSS);
 - o Members of BSEC Working Groups on Energy, Environment, Science & Technology and Education;
 - o Black Sea universities and education organizations;
 - o Large financing organizations;
 - o EU and UN scientific experts;
 - o Scientists and state and private sector personalities related to the energy and climate policy sectors.

- An agenda emphasizing on the presentation of regional S&T opportunities and initiatives and promotion of regional cooperation was prepared;
- New potential partners from the Central Asia region were contacted (Kazakhstan, Uzbekistan, Turkmenistan, Kyrgyzstan and Tajikistan) who confirmed that attended the workshop with the aim to participate in the network's activities;
- The "Energy View of BSEC countries" (2006 edition) was presented during the workshop;
- A number of proposals regarding the network's activities were submitted to Hellenic state financial mechanisms and were presented during the workshop;
- After the final workshops of the RESPOT programme that was funded by EC-FP6, a broad initiative was undertaken by KEPA that lead to the identification of numerous academic and research institutions that are willing to participate in consortiums related to FP7 proposals. During the Workshop, this initiative and its results were presented to the participants.

Details regarding the Second Steering Committee are presented at its relevant report which was submitted initially to the Scientific Officer - of that time - Mr. Daniel DESCOUTURES in April 2007. The report was resubmitted to the Inco Single Entry Point in July 2007. The report is also uploaded at the PROMITHEAS-2 website (http://www.kepa.uoa.gr/PROMITHEAS_2_general.html).

Task 1.3

The date of the third Steering Committee meeting was rescheduled according to the decision taken during the Second Steering Committee meeting. The new date is November 10th, 2007. Preparations for the third Steering Committee meeting started this month, September 2007, and do not fall within the reporting period of this document.

Deviations from the project work programme

Task 1.1

Kick-off meeting was scheduled to take place three (3) weeks after the official launching of the project, namely on September 20 – 22, 2006. However, due to delays on the signing of the final contract, and after deliberations with the Contracting Authority and all the partners the meeting took place in Athens on October 10th, 2006.

Task 1.2

None.

Task 1.3

It was scheduled a month earlier than the initial planning.

Corrective actions taken/suggested

Task 1.1

The date of the kick-off meeting was re-scheduled for October 10th, 2006. All scheduled activities took place regardless the delayed kick-off meeting.

Task 1.2

None.

Task 1.3

This was done since the third workshop was upgraded into a BSEC event. The presence of the Steering Committee at Kiev during such an event is significant and will strengthen the research bonds with the workshop participants. Additionally this change will allow the members of the Steering Committee to discuss immediately after the completion of the workshop, its the outcomes and program properly the ad-hoc visits. With the completion of the third workshop, a whole workpackage is completed and this will allow the Steering Committee to decide on how to use optimally the ad hoc visits of Work Package 4.

Work package 2 – Promotion of cooperation between the Black Sea region and EU scientific communities

Work package objectives

Work package 2 will be carried out through the following tasks:

- **Task 2.1:** Workshop 1: "*Socio-economics aspects of the energy corridor, linking the Caspian Region with EU*"
- **Task 2.2:** Workshop 2: "*Electricity generation and emission trading in South-Eastern Europe*"
- **Task 2.3:** Workshop 3: "*Joint Implementation and Clean Development Mechanism among the BSEC countries*"

The three workshops will be held in Baku, Sofia and Kiev respectively.

The first scientific workshop that was held on April 11-12th, 2007 in Baku, allowed the scientific discussion on the socio-economic issues related to the development of the energy corridor transporting Caspian hydrocarbons to the European Union and its implications to local economies. The workshop tackled issues of policy harmonization among countries at the beginning of the corridor (Caspian Sea, Georgia, Turkey). It offered the opportunity to both decision makers, scientists, EU and governmental representatives to analyze the existing geopolitical, institutional and environmental conditions affecting the security of energy supply, use scientific tools to forecast future supply and demand conditions, analyze transit regimes, identify existing obstacles and propose solutions, facilitating the development of the proposed corridor.

Preparations for the second scientific workshop in Sofia started during the second week of March 2007. The date of this workshop was set for September 21st, 2007.

Preparations for the third scientific workshop in Kiev started during the second week of July 2007. The date of this workshop was set for November 9th, 2007.

Starting point of work at beginning of reporting period

Preparations for the workshop in Baku began during the third week of October 2006, after the kick – off meeting of PROMITHEAS-2 project.

Progress towards objectives

Task 2.1

The Task Leader (GPOGC), after discussing with the Workpackage Leader (KEPA), defined the following details:

- The workshop was organized on April 11-12th, 2007;
- The scientific committee that reviewed the received abstracts included:

- **Prof. Elmira RAMAZANOVA**
- **Prof. Alimamed SHABANOV**
- **Prof. Tulparkhan SALAVATOV**
- **Prof. Rakiz SATTAROV**
- **Dr. Haji MELIKOV**
- Additional funding to cover English to Russian translation and prolongation of the workshop was available and provided by GPOGC.

The following topics of the workshop were finalized during the second week of December 2006:

- *Hydrocarbon Potential of the Caspian Region*
 - Methodologies for prediction of future hydrocarbon production and methodologies for estimation of hydrocarbon extraction costs;
 - Optimization of hydrocarbon production, nanotechnology – prospects and direction in oil and gas production;
 - Diagnostic of oil escape from sea line on the basis artificial neural network;
- *Socioeconomic Tools for Analysis of the South Energy Corridor*
 - Oil and Gas Transportation Current Status and Outlook;
 - Optimization of energy corridor routes;
 - Conduct of modeling, taking into account real factors affecting oil and gas transportation process and modeling of hydrocarbon transportation;
 - Provision of reliability of gas supply system in the conditions of probabilistically uncertain and insufficient information;
 - Diagnostics of normal operation of oil and gas pipeline systems;
- *Environmental Impact of the South Energy Corridor*
 - Estimation of hydrocarbon transportation externalities;
 - Methodologies for assessment of hydrocarbon production environmental impacts, estimation of risk;
 - Investigation of environmental consequences of impacts of man-made and natural factors on operation of trunk energy systems;
 - Forecasting of emergency situations in hydrocarbon systems;
- *Geopolitical and Institutional Perspectives of the South Energy Corridor*
 - Geopolitical issues of hydrocarbon transit through Turkey and Georgia, study of the cohesion of energy policies across the energy corridor;
 - Identification of institutional barriers in the hydrocarbon transportation through the South Energy Corridor;
 - Design of fuzzy regulators of gas supply regimes.

The call for papers for the workshop was prepared by GPOGC and distributed on December 29th, 2006, to the PROMITHEAS-2 Newsletter recipients and around one hundred (100) official invitations were sent out via post and e-mail to institutions and researchers in Azerbaijan, BSEC, EU and CIS countries (The call is included at the Progress Report for the Second Steering Committee).

One (1) invitation - according to Annex I of PROMITHEAS-2 contract - had to be addressed to one (1) specialist from an EU country so as to share his/her experience with the national scientific community.

Dr. Manfred HAFNER, Scientific Director of Observatoire Méditerranéen de l'Energie (OME), accepted the invitation of KEPA on January 17th, 2007, to participate to the workshop as an EU – expert and to make the presentation “*Methodology for natural gas supply cost estimation*”. On March 13th, 2007 Dr. Hafner informed GPOGC that he was not able to attend the workshop, due to force-majeur reasons. Due to the limited time frame, the Task Leader was not able to find another EU-expert. The EU representative in Baku accepted the invitation to participate in the workshop.

DG-Research and DG-TREN were invited to the workshop, during the last week of January 2007. Mr. Daniel Descoutures, programme officer of PROMITHEAS-2, accepted the invitation, while Mr. Gilles Lequeux from DG-Research and Mr. Christopher Ross from DG-TREN/Unit A3 were not able to attend the workshop.

Abstracts for the workshop were received until February 15th, 2007. In total ninety seven (97) abstracts were reviewed and thirty (30) of them were accepted by the scientific committee. Abstracts and presentations are uploaded at the web-site of PROMITHEAS -2 (http://www.kepa.uoa.gr/PROMITHEAS_2_general.html). The large participation resulted in the expansion of the workshop to two (2) days, instead of one (1).

Details and outcomes of this Task are presented at the relevant Workshop report that was submitted in May 2007 to the Scientific Officer – of that time - Mr. Daniel DESCOUTURES. The report is also uploaded at PROMITHEAS-2 website, (http://www.kepa.uoa.gr/PROMITHEAS_2_general.html).

Task 2.2

The Task Leader (BSREC), after discussing with the Workpackage Leader (KEPA), defined the following details:

- The workshop was organized on September 20th, 2007;
- The scientific committee that reviewed the received abstracts included:
 - **Prof. Dr. Jordan JORDANOV – Specialist in Gas and oil,**
 - **Prof. Dr. Nikola KALOJANOV – Specialist in Heating and cooling,**
 - **Prof. Dr. Boncho BONCHEV – Specialist in Termal power plants,**
 - **Prof. Dr. Dimitar SIRAKOV – Specialist in Meteorology**
 - **Prof. Dr. Ivan IVANOV – Specialist in Climate and Environment and**
 - **Prof. Dr. Lulin RADULOV – Specialist in Power systems**

The following topics of the workshop were finalized during the second week of July 2007:

- *Electricity generation technologies*
- *Mechanisms of emission trading based on the Kyoto protocol*
- *EU electricity and gas markets*
- *Renewable energy sources and the use of biofuels*
- *Innovations in the CO₂ capture and storage technologies*
- *Optimisation of the security of energy supply*
- *Protection of the natural environment*
- *Climate change observations and protection measures*
- *Projects for the establishment of an international energy and climate cooperation network*

The important deadlines for this workshop are:

01.08.2007: Submission of abstracts

15.08.2007: Acceptance notification

31.08.2007: Registration

21.09.2007: Workshop

30.10.2007: Submission of full papers

The call for papers for the workshop was prepared by BSREC and distributed on June 6th, 2007 to the recipients of the PROMITHEAS-2 Newsletter (Annex I). Official invitations were sent out via post and e-mail to institutions and researchers in Bulgaria, BSEC, EU and CIS countries.

One (1) invitation - according to Annex I of PROMITHEAS-2 contract - had to be addressed to one (1) specialist from an EU country so as to share his/her experience with the national scientific community.

Details regarding this task will be provided to the relevant report which will be submitted in October 2007.

Task 2.3

The Task Leader (ESEMI), after discussing with the Workpackage Leader (KEPA), defined the following details:

- The workshop will be organized on November 9th, 2007;
- The scientific committee that will review the received abstracts includes:
 1. **Prof. Mykhailo ZGUROVSKY**
 2. **Prof. Artur PRAKHOVNYC**
 3. **Prof. Valerie DESHKO**
 4. **Assoc. Prof. Ph.D. Evgenij INSHEKOV**
- The government of Ukraine accepted the proposal of KEPA for upgrading this workshop into a BSEC event Black Sea Economic Cooperation Organization.

The following indicative topics of the workshop were finalized during the second week of July 2007:

- *Promotion of Cooperation in BSEC and EU Regions*
 - *Cooperation for mitigating climate change through the EU trading scheme and EU linking directive*
 - *Promoting climate policy research in the BSEC Region o International efforts for mitigating climate change*
- *The state-of-the-art for JI/CDM projects*
 - *The BSEC Project Development Fund as a catalyst for regional cooperation in climate policy issues*
- *Perspectives for JI/CDM project buyers*
 - *General equilibrium effects of GHG mitigation options under CDM*
 - *Optimization and simulation modeling of micro-economic effects o Risk modeling and management of JI/CDM projects*
- *Perspectives for host countries of JI/CDM projects*
 - *Legal and institutional framework for Designated National Authorities*
 - *Assessment of compliance within the framework of Kyoto mechanisms*
 - *Methodologies and models for evaluating the emission reduction potential*
 - *Analysis of trends for JI/CDM projects*
 - *Multicriteria approaches in defining national priorities for JI/CDM projects*
 - *Modeling and assessment of social and environmental impacts due to IJ/CDM projects*
- *International and regional experiences with Kyoto Mechanisms*
 - *Multicriteria evaluation of Kyoto Protocol Mechanisms*
 - *Tools for evaluation of climate policy instruments linked with the Kyoto Protocol*
 - *Models for assessing net CO₂ emissions*

- *Case studies for JI/CDM projects o Recent developments of the carbon market*
- *Baseline Methodologies for selection of JI/CDM projects*

The important deadlines for this workshop are:

- October 5th 2007: Submission of abstracts
- October 20th 2007: Acceptance notification
- November 1st 2007: Registration
- November 9th 2007: Workshop
- January 31th 2008: Submission of full papers.

Details regarding this task will be provided to the relevant report which will be submitted in November 2007.

Deviations from the project workprogramme

Task 2.1

1. Many scientists of the region were not able to participate because the working language of the workshop was only English.
2. Large participation in the workshop required a very tight agenda.
3. The EU expert, Dr. Hafner from OME, could not participate in the workshop.

Task 2.2

None until the preparation of this report and the time interval regarding this report.

Task 2.3

None until the preparation of this report and the time interval regarding this report.

Corrective actions taken/suggested

Task 2.1

The aforementioned deviations from the scheduled workprogramme were confronted by undertaking the following corrective actions:

1. The workshop was upgraded to bilingual, so as to facilitate participation of both English and Russian speaking scientists.
2. The workshop was expanded to two (2) days, to allow participants to have more time for their presentations.
3. Other EU experts were sought, through the South Caucasus pipeline consortium, without success. The EU representative in Baku participated in the workshop.

Work package 3 - Dissemination of knowledge and mobilization of regional scientific potential

Work package objectives

The objectives of this work package are: development of future joint research, mobilization of human resources and dissemination of research results. However, the main objective is the transfer of knowledge leading to the development of the human resources of the network. Work package 3 is carried out through the following tasks:

- Task 3.1: Website of the project;
- Task 3.2: Organization of seminar on energy and climate policy;
- Task 3.3: Semi-annual publication on energy and climate policy;
- Task 3.4: High-level scientific awards.

The objectives of these tasks are respectively: Development and update of the website that will promote the network and its activities; Organization of a competition (through the e-Class) leading to the training of researchers from the BSEC countries in a three-day (five (5) days of visit) seminar regarding energy and climate policy issues held in the premises of KEPA; Preparation of a semi-annual scientific publication on energy and climate policy issues, so as to mobilize the local and EU scientific community; Grant of four (4) high level scientific awards for four (4) articles of the publication on energy and climate policy.

Starting point of work at beginning of reporting period

During October 2006 three out of the four tasks were activated; Task 3.1, Task 3.2 and Task 3.3. Task 3.4 is based on the outcomes of Task 3.3. During the kick-off meeting the draft English version of the website was presented to the participants. Tasks 3.2 and 3.3 were only scheduled to launch by sending the respective open calls. The template for the PROMITHEAS-2 open calls was already prepared.

Progress towards objectives

Task 3.1

As Task Leader, KEPA is responsible for the website of the project. The website is operational since the end of October 2006 (http://www.kepa.uoa.gr/PROMITHEAS2_index.html). All partners were informed by KEPA on October 27th, 2006 that the website was on line. During the first weeks of its operation partners were asked by KEPA to comment it and to contribute to its content. Comments for corrections were received by BSREC and ESEMI. Updates occur frequently since then and any technical mistakes are corrected when noticed.

Due to the initiative that KEPA launched at the beginning of year 2007, the structure of the website topic *Research* was modified so as to include the other topics apart from Energy and Climate Policy for which scientists from the region had expressed interest.

Due to the extremely big volume of the PROMITHEAS-2 reports one more session was added at the topic *General* so that the Contracting Authority through the Inco Single Entry Point is able to receive on time the reports.

Apart from the website the network and its activities are promoted through the bimonthly newsletter. The first issue of the newsletter was released on November 10th, 2006 and distributed to three hundred and fifty (350) recipients. Before its release the draft issue was distributed to all partners, Mr. Descoutures and Mr. Zaimis to comment it. Comments were

received from Mr. Zaimis (BSEC), BSREC and ESEMI. The rest had no comments regarding its format or content. The list of these recipients was formed by the contribution of all partners.

The second issue was released on January 15th, 2007 and distributed to approximately seven hundred (700) recipients. The additional recipients were from subscriptions and searching at the internet for BSEC universities, academies, ministries, institutions, agencies and centres activated in energy and climate policy issues. Before its release the draft issue was distributed again to all partners, Mr. Descoutures and Mr. Zaimis to comment it. Comments were received from BSREC.

The third issue was released on March 2nd, 2007 and was distributed to more than one thousand (1,000) recipients. EU national contact points for Marie Curie and FP7, EU Member State universities, ministries, institutions and centres working on energy and climate policy issues were added. Before its release the draft issue was distributed to all partners, Mr. Descoutures and Mr. Zaimis to comment it. Mr. Descoutures forwarded the draft issue to Mrs. Alice Rajewsky so as to support the PROMITHEAS-2 seminar.

The fourth issue was released on May 16th, 2007 and was distributed to more than one thousand two hundred (1,200) recipients. Before its release the draft issue was distributed to all partners, Mr. Descoutures and Mr. Zaimis to comment it. This issue had also an Annex regarding the Workshop in Baku and the BSEC event in Istanbul.

The fifth issue was released on July 5th, 2007 and was distributed to almost one thousand four hundred (1,400) recipients. Before its release the draft issue was distributed to all partners, Mr. Descoutures and Mr. Zaimis to comment it. This issue was hosted at the web-site of the Moldovian State Hydrometeorological Service, because the issue included the presentation of IPE (<http://www.meteo.md/newsait/presa/promitheas.pdf>).

All newsletter issues have links to specific web pages of the PROMITHEAS-2 website in order to facilitate anyone interested in finding more about the certain issue (Annex II). The distribution of the newsletter had also a positive impact on tasks 3.2 and 3.3 (the seminar and the journal).

In early September 2007, a list of almost one thousand, five hundred (1,500) EU and BSEC stakeholders has been filled for disseminating information regarding open calls for the PROMITHEAS-2 journal, seminars, workshops and conferences for energy and climate policy issues. The list is extended continuously (Annex III).

Task 3.2

As Task Leader, ISPE coordinates all pre-seminar activities. ISPE presented a draft call for the seminar that was presented during the kick-off meeting.

ISPE prepared the first open call for participation containing all necessary information for potential participants (short description of the PROMITHEAS-2 project, subscription and contact details, short presentation of the e-class platform, description of procedure for selection of seminar potential participants, topics). The open call was released on October 31st, 2006 (Annex VII of the progress report for the Second Steering Committee).

Through this call all young researchers interested in attending the seminar were invited to subscribe by sending a CV to ISPE before April 2nd, 2007. The first open call for the seminar was disseminated to more than four hundred (400) recipients from institutions, academies, universities and research centers from BSEC and EU countries. This call was uploaded by KEPA on the project website (http://www.kepa.uoa.gr/PROMITHEAS2_seminar.htm) and all partners disseminated the call to the scientific environment of their countries. Energy Efficiency Centre (EEC) from Georgia had it also uploaded at its website (<http://www.eecgeo.org/en/news.htm>). By the end of year 2006 only one (1) CV was received. ISPE and KEPA were in frequent contact in order to assess the progress of the seminar and decide on corrective actions.

After the release of the second issue of the newsletter, that had information about the seminar, a momentum was created. As feedback many researchers expressed their interest in participating to the seminar and promised to send their CVs to ISPE before the deadline. In this stage, at the end of January and the beginning of February 2007, seventeen (17) CVs were received for participation at the seminar, but none for seminar instructors.

Because of this low number of received CVs, KEPA sent a letter to all the members of the editorial board on February 2nd, 2007 asking them to recommend (Annex VIII of the progress report for the Second Steering Committee):

- four (4) of their students (two (2) postgraduate and two (2) young research fellows) to apply and participate actively in the seminar;
- two (2) of their professor colleagues as instructors for the seminar.

KEPA contacted by phone all the recipients of this letter and discussed with them its content and the problems that they were facing in contributing to the seminar.

On February 6th 2007, KEPA released the second open call for participation at the seminar and disseminated it to almost one thousand (1,000) recipients. This time the open call had two (2) versions (English and Russian) and the accompanying text was in both languages (Annex VII of the the progress report for the Second Steering Committee). KEPA kindly asked IPE to translate the open call. IPE translated the second open call in Russian language and send it to KEPA within one (1) week. ISPE distributed also the second call to around seven hundred (700) recipients. The open call was hosted at the website of “10 Academic resources daily” (<http://freestudiesabroad.blogspot.com/2007/03/cfa-seminar-on-energy-and-climate.html>) and at the website of the University of Belgrade (http://www.bg.ac.yu/pdf/PROMITHEAS_Seminar.pdf).

All partners have given their contribution again by disseminating the call in their countries. ISPE has given all the support and assistance to all those who contacted ISPE (by phone or by e-mail) asking for more information related to the seminar. By the beginning of March 2007, twenty eight (28) CVs for participation at the seminar and one (1) CV for seminar instructor were received by ISPE.

On March 14th, 2007 ISPE send a letter to all the members of the Steering Committee asking them to recommend young scientists (post graduate or young research fellows) for the seminar (Annex VIII of the Progress report for the Second Steering Committee). ISPE asked also all partners to recommend professors (members in the Groups of Experts for energy and climate change policy issues) willing to be instructors in the seminar. Before the release of the last open call ISPE had collected a total of forty eight (48) CVs. There were four (4) professors that had applied as instructors.

The last call for participation (both in English and Russian language) was released by ISPE, on March 19th, 2007, to almost one thousand (1,000) recipients.

ISPE and KEPA cooperated also for the issue of the participation of EU instructors to the seminar. ISPE did not know to whom to address this invitation. KEPA recommended five (5) EU instructors that had worked on energy and climate policy FP5 and FP6 projects and provided ISPE with their full contact details and the title of the project they had worked. The information about these persons was found by an official published book of EU and the websites of the projects. These names were:

1. **Prof. Dr. Rainer FRIEDRICH**, Institut fuer energiewirtschaft and Rationelle Energieanwendung, Universitaet Stuttgart, Hessbruehlstr, 49a, D-70565 Stuttgart, Phone: +49 711 78061 12, Fax: +49 711 7803953, e-mail: Rainer.Friedrich@ier.uni-stuttgart.de. *Topic: Dissemination of external costs of*

- electricity supply-making electricity external costs known to policy makers (MAXIMA).*
2. **Dr. Houda ALLAL**, OME, 7 rue Soutrane, F-06905 Sophia Antipolis, Phone: +33 4 92 96 66 96, Fax: +33 4 92 96 66 99, e-mail: allal@ome.org. *Topic: Promoting and financing Clean Development mechanism renewable energy projects in the Mediterranean region.*
 3. **Dr. Jean-Michel GLACHANT**, Ecole des Mines de Paris, 60 Boulevard Saint Michel F-75272 Paris, Phone : +33 140911864, Fax : +33 14 09 11865, e-mail: jean-michel.glachant@wanadoo.fr. *Topic: The European Regulation Forum on Electricity Reforms (SESSA).*
 4. **Mr. Martin J.J. SCHEEPERS**, ECN, P.O. Box 37 154, NL-1030 AD Amsterdam, Phone: +31 224 56 44 36, Fax: +31 204 92 28 12, e-mail: scheepers@ecn.nl. *Topic: Policy and Regulatory Roadmaps for the Integration of Distributed generation and the Development of Sustainable Electricity networks (SUSTELNET).*
 5. **Mr. Sebastiaan HERS**, Energy research Centre of the Netherlands (ECN), P.O. Box 1, 1755 ZG Petten, The Netherlands, e-mail: hers@ecn.nl. *Topic: Natural Gas Market Model GASTALE, <http://www.ecn.nl/en/ps/products-services/models-and-instruments/gastale/>*

ISPE send the invitation to these EU experts on March 23rd, 2007 to subscribe for participation as instructors.

All partners were informed by KEPA that the English version of the e-class platform was on line at the end of March 2007.

On April 3rd, 2007 the Project Coordinator sent a letter to the Task Leader in order to provide guidelines for the selection of the instructors and the material that the selected instructors needed to provide for the e-class procedure (Annex IV). These guidelines served as the basis for the discussion of the Steering Committee during the Istanbul meeting.

Finally, ISPE received eighty nine (89) CVs for participation at the seminar and thirteen (13) CVs for seminar instructors coming from the BSEC area. A list with all the names of the persons that applied as seminar participants and instructors is included in the progress report for the Second Steering Committee meeting. Information regarding the topics that the seminar instructors proposed for the seminar is also in that report.

ISPE recommended fifty (54) persons for the seminar based on their age and their research fields. Three (3) persons come from Germany and Belgium. Participants and instructors (both from the partner countries and the EU) were selected by the Steering Committee at their meeting that took place on April 20th, 2007, in Istanbul (Annex V). The three instructors for the seminar are:

- Prof. Valentin ARION;
- Dr. Athanasios DAGOUMAS and
- Dr. Konstantinos PERRAKIS.

After the selection of participants, instructors and topics, ISPE informed all of them about the decisions of the Second Steering Committee meeting. The Russian version of the e-class was completed in early May 2007.

During May 2007, the two instructors - Prof. Valentin ARION and Dr. Athanasios DAGOUMAS sent their material for the e-class training. All documents were modified by KEPA so as to have a common format and were uploaded on the e-class platform. Details about the documents will be provided at the report for the Seminar which will be submitted to the Contracting Authority during October 2007.

All fifty four (54) participants and the three (3) instructors received a user name and a password for their personal access to the e-class platform at the end of May. The access was activated on June 4th, 2007, the day that the e-class lessons were launched. Two days ago, on June 3rd, 2007 the participants, the instructors and Mr. Daniel DESCOUTURES received guidelines for the e-class platform.

For three weeks the seminar participants followed the guidelines that their instructors have provided them with. The seminar participants needed in some cases definitions which were provided by the instructors and uploaded on the e-class platform. The e-class participants were informed about the new announcements with e-mail messages.

Each instructor requested for his lesson certain excersises and questions. Twenty six (26) seminar participants submitted finally the exercises that they had undertaken. Two persons (2) quitted from the procedure, before its completion. All persons were evaluated for their performance. Results were selected by ISPE at the beginning of July 2007. Mean grades were calculated and announced on the web-site (Annex VI).

On June 22, 2007, KEPA as the Project Coordinator provided ISPE, the Task Leader, with a list of activities that had to be performed for the better organization of the actual seminar. This was considered by both sides as necessary since the seminar, that was going to take place in Greece, was organized by ISPE in Romania (Annex IV). This letter provides a detailed updated time table of these activities.

During the period from April up to July 2007 KEPA continued its efforts to find two (2) EU instructors for the seminar. Mr. HERS, J.S. (Sebastiaan) from ECN finally answered on July 16, 2007, by e-mail to Ms. Popi KONIDARI negatively about his participation at the seminar. Additionally, in his phone conversation with her, could not recommend somenone else from his institution in order to participate as an instructor at the seminar. KEPA kindly asked also Mr. DESCOUTURES to assist in this effort by recommending EU scientists that could participate as instructors at the seminar. No EU instructors were interested to participate.

The seminar participants with the twelve (12) higher grades were chosen to participate at the actual seminar in Athens. On July, 12th, 2007 ISPE announced by letter to all e-class participants their results. The access to the e-class for the rest e-class participants, who were not going to attend the actual seminar, was no longer in issue one (1) week after the announcement of the results.

In middle July, 2007, ISPE signed the contracts with all three (3) instructors. Dr. Dagoumas and Prof. Arion received half of the agreed amount of their payment for their work on the e-class platform.

On July 30rd, 2007 ISPE signed a contract with AIROTEL Capital for accommodation services for all seminar participants at Stratos Vassilikos Hotel based on a special price that was offered by the hotel. On August 5, 2007 ISPE paid in advance the hotel with half of the estimated amount for accommodation expenses for the twelve seminar participants.

During July 2007, the third instructor, Dr. PERRAKIS provided KEPA with material for the e-class so that all twelve (12) seminar participants were prepared for his topics regarding the actual seminar during October 2007. The other two instructors assigned work to the twelve (12) participants for Phase B of the seminar. Their requests were uploaded at the e-class platform.

During August 2007, ISPE requested offers for catering services and translation services (based on KEPA's recommendations for hellenic companies) and transportation services from Romanian tourist agencies.

More details about the documents and the arrangements will be provided at the report for the seminar that will be submitted during October 2007.

Task 3.3

KEPA, as the Task 3.3 leader prepared a draft call for papers for the “Euro-Asian Journal of Sustainable Energy Development” that was presented during the kick-off meeting.

The procedure of setting up the Editorial Board of the Journal was initiated one (1) week after the kick – off meeting, by sending a letter to all the partners, asking them to define at least two (2) professors, who would be interested to participate in the Editorial Board. These professors were then contacted to confirm their participation. Currently the Editorial Board consists of twelve (12) professors, two (2) from each country (the full list of the Editorial Board members, along with a short CV is included in Annex X of the Progress Report for the Second Steering Committee).

The first call for papers (English language) and the guide for authors for the Journal were prepared in November 2006 and posted in PROMITHEAS-2 website. The call for papers was also sent by e-mail on Monday, November 13th, 2006, to about four hundred fifty (450) stakeholders of the region (mostly from Greece). The e-mail list was prepared by KEPA, with the assistance of the other partners.

No articles were received after the first call for papers. In this respect and taking into consideration the fact that the working language of many scientists in the region is Russian, a second call for papers was prepared by KEPA and translated to Russian by GPOGC. The second call (in English and Russian language) was sent by e-mail on Monday February 5th, 2007 to about seven hundred fifty (750) recipients (Annex XI of the Progress Report for the Second Steering Committee). Additionally, a letter was sent to all the members of the Editorial Board, asking them to prepare and submit papers to the Journal (Annex IX of the Progress Report for the Second Steering Committee).

The result of these efforts was that four (4) scientific articles were received by KEPA:

1. *“About indicators of intensive development of the region (According to the model of Belgorod region)”*, by A. Kornilov, A. Petin (Received on February 13th, 2007).
2. *“Development of energy in the 21st century”*, by Dr. Izmail Khuzmiev (Received on March 6th, 2007)
3. *“Renewable energy in Republic of North Osetia – Alania – Innovation Solutions”*, by Dr. Izmail Khuzmiev (Received on March 12th, 2007)
4. *“Module type energy generating equipment for Black Sea coastal application”*, by A. Basteev, M. Obolensky, V. Forfutdinov, K. Youssef (Received on March 12th, 2007)
5. *“Technological, Socio-Economic and Ecological Aspects of Space Weather Impacts on the Normal Operation of Oil and Gas Pipeline Systems and Reliability of Electric Power Supply Grids in Azerbaijan and the South Energy Corridor Region”* by E. Babayev, V. Kuznetsov, A. Hashimov, N. Yusifbeyli, A. Asgarov, P. Shustarev, F. Mustafa (Received on April 11th, 2007).
6. *“Energy interconnections and Load - Frequency Control”* by Georgi Bozukov (Received on May 22nd, 2007).

IPE has accepted to translate the articles from Russian to English and vice versa, so that all the reviewers could accept any article, regardless of the language in which it is written. Scientific articles No. 1, 2 and 3 were sent to BSREC (Group Leader on Energy Policy issues) and article No. 4 to ISPE (Group Leader on Climate Change policy issues), that forwarded them to the appropriate members of the Editorial Board for review.

Papers number 1,2 and 3 were rejected. Scientific article number 6 was accepted by both referees. The rest are still under review. Therefore, a third open call was released on July 11th, 2007 (Annex VII) which had an immediate response, since the following scientific articles were received by KEPA:

1. “Повышение эффективности физико-химической очистки сточных вод предприятий мясной промышленности” by Зуева С.Б., Щербаков В.И., Кветкин А.И.) (Received on July 17th, 2007).
2. “The ways of increase of biomass production for biofuel obtaining” by Yuri V.Savelyev, and Vitaly Ya.Veselov (Received on July 17th, 2007).
3. “Conception of Mine - power – station supposing underground burning of coal strata” by Gennadiy Gayko (Received on July 25th, 2007)
4. “Gas-PRS - a decision support tool for selection of optimum transcontinental natural gas pipeline routes” by Fotios Thomaidis, Nikolaos Kontinakis and Prof. Dimitrios Mavrakis (Received on August 9th, 2007)
5. “Analysis and implementation of climate policy instruments in Romania”, by Lavinia Stoica (Received on August 16th, 2007)

Scientific article number 5 was accepted with major revisions so as to be published. For the rest either one referee has responded or none. Outcomes are expected within October 2007.

Deviations from the project workprogramme

Task 3.1

The translation of the English version of the website into Russian language was relatively slow. The timetable was not preserved. The Russian version of the website was not fully operational in December according to the timetable. The Russian version was completed by the end of January 2007. This delay was due to the difficulty that the Russian language has. The updates are on schedule now.

Task 3.2

The Group Leaders did not know how to contact EU institutions so as to propose EU instructors for the seminar.

The invitation letter to EU instructors was sent at the end of March 2007 instead of the beginning of March.

IPE did not have the means to make international calls so as to contact directly the Steering Committee and the Editorial Board members.

The members of the Editorial Board emphasized on the language problem. They were reluctant to recommend persons, because they had the impression that the seminar was only in English.

The Russian version of the e-class platform was delayed due to technical problems regarding the appearance of the letters of the Russian alphabet.

Contacts with EU experts were not fruitful.

Task 3.3

1. Most of the Groups of Experts' members did not have the appropriate status (professors) to review articles for the Journal. Additionally, the contract did not predict the setting up of an Editorial Board for the Journal.
2. No scientific articles were received three (3) months after the announcement of the first call for papers.
3. By June 2007, there were no accepted scientific papers.
4. Some of the members of the Editorial Board don't speak Russian, thus they cannot review the articles of their fields of expertise, sent in the Russian language.

Corrective actions taken/suggested

Task 3.1

Work was distributed to other partners so as to accelerate the completion of the Russian version. Texts were sent to IPE and GPOGC to assist.

Task 3.2

KEPA assisted ISPE in overcoming the aforementioned problems. KEPA recommended five (5) EU instructors to ISPE. KEPA also contacted by phone the members of the Editorial Board and discussed with them about the seminar. KEPA reassured them that the seminar was going to be conducted into two languages English and Russian. The technical problem with the e-class platform was resolved and translation proceeded.

KEPA contacted by phone and by e-mail Mr. Daniel Descoutures in order to ask his assistance in recommending persons that could fulfil the training needs of the seminar. The same procedure was followed with the five (5) recommended EU experts. KEPA contacted also CRES (Centre of Renewable Energy Sources in Greece) and asked for their assistance for the seminar. The main problem was the copyright problems with the proposed models MARKAL and WASP.

Task 3.3

1. The Editorial Board was set up, including two professors suggested by each partner, to review articles for the Journal.
2. A second call for papers in both Russian and English language was announced and the members of the Editorial Board were motivated to submit articles for the Journal.
3. A third call for papers in in both Russian and English language was announced and emphasis was given to the awards.
4. IPE was contacted and accepted to translate articles from English to Russian and vice versa.

Work package 4 - Promotion of regional – transregional cooperation.

Work package objectives

The objectives of this work package are: i) Enhancement of collaboration and enrichment of the network with members from BSEC, Western Balkan, Caspian, EU and Mediterranean countries. li) Dissemination of network outcomes and building of awareness regarding energy and climate policy issues. Work package 4 contains two (2) tasks:

- Task 4.1: Ad-hoc visits;
- Task 4.2: Final conference.

The first task includes ad-hoc visits to potential network partners from countries of the Caspian Region, the Western Balkans, the Mediterranean and Russia.

The second task concerns the organisation of the final conference, aiming to the enhancement of regional and trans-regional cooperation with the approval of a Memorandum of Cooperation in the perspective of the network activities. It aims also to the dissemination of network outcomes.

Task 4.1 will be activated after the decisions of the third SC meeting in Kiev on November 10th, 2007. Preparations for the Final Conference were launched in September 2007 and do not fall within the time interval of this progress report.

List of deliverables and milestones

According to Annex I of the PROMITHEAS-2 contract the deliverables for the time period October 2006 to September 2007 include:

- Kick off meeting report (Month 1 of the project)
- Website (Month 4 of the project)
- E-Class platform (Month 7 of the project)
- Second SC meeting report (Month 8 of the project)
- Workshop 1 report (Month 9 of the project).

The submission dates and other information regarding these three (3) deliverables are at Table 1. The difference in the estimated and the used indicative person months is attributed to the future updates of the website that will be completed by September 2008. The same stands for the e-class platform, because it is still active.

Table 1: List all deliverables, giving date of submission and any proposed revision to plans.

Del. no.	Deliverable name	Workpackage no.	Date due	Actual/Forecast delivery date	Estimated indicative person-months	Used indicative person-months	Lead contractor
D1	Kick off meeting report	1	September 2006	October 2006	1.55	2.2	KEPA
D8	Website	3	December 2006	January 2007	4.75	4.00	KEPA
D9	E-Class platform	3	March 2007	April 2007	4.375	4.375	KEPA
D5	Workshop 1 report	2	April 2007	May 2007	1.55	3.15	GPOGC
D2	Second SC meeting report	1	May 2007	May 2007	1.55	2.23	KEPA

Table 2: Milestones List

Milestone no.	Milestone name	Workpackage no.	Date due	Actual/Forecast delivery date	Lead contractor
1	Kick-off meeting in Athens	1	First week after the official launching of the project	Second week of October 2006	KEPA
2	Second SC meeting	1	April 2007	20th April 2007	KEPA
3	Workshop in Baku	2	May 2007	11 th April 2007	GPOGC
4	Website	3	December 2006	January 2007	KEPA
5	e-class platform	3	March 2007	April 2007	KEPA

According to Annex I of the PROMITHEAS-2 contract the milestones for the time period October 2006 to September 2007 include:

Within Work package 1:

- The kick-off meeting in Athens,

- The second SC meeting in Istanbul.

Within Work package 2:

- Workshop 1 in Baku

Within Work package 3 the milestones are:

- The website (in English and Russian).
- The e-class platform.

Section 3 – Consortium management

Project participants communicate mainly through e-mails. For any raised issue the coordinator or the Work Package Leaders communicate by phone with the involved partner. This type of communication allows both sides to investigate quickly possible solutions and to assess their effectiveness.

The former EU Program Officer, Mr. Daniel DESCOUTURES, was informed frequently by KEPA for the progress of the project by e-mails and phone calls. He informed KEPA - during a phone call in early August - about the change of the PROMITHEAS-2 EU Program Officer. The first contact with the new EU Program Officer, Mr. Tarik MEZIANI, was on August 28th, 2007.

Figure 1 shows the timetable of the project (Workpackages - Plan and Status Barchart).

Follow up - activities

In November 2006 KEPA participated at the thematic workshops of the RESPOT project for “Environment” (in Athens) and “Energy” (in Istanbul) that aimed to identify topics of mutual interest in these fields for EU-BSEC.

Mr. Edwards, Mr. Leque and Mr. Descoutures explained the FP7 procedures, and attempted to convince the participants to be precise and further to establish links of cooperation starting with the identified topics of mutual interest.

In this framework, KEPA undertook the initiative to keep and increase the momentum for cooperation among scientists coming from the Black and Caspian Sea, Central Asia and EU. KEPA invited all interested entities to respond and specify their interests (Annex XII of the Progress report for the Second Steering Committee meeting). To facilitate this procedure KEPA offered the PROMITHEAS network website and newsletter.

KEPA received responses from Albania, Azerbaijan, Belgium, Bulgaria, Czech Republic, Greece, Kazakhstan, Moldova, Romania, Russia, Slovak Republic, Turkey, Ukraine and UK.

A list with all institutions that contacted KEPA was published in the newsletter and the PROMITHEAS-2 website. Expressions of interest were divided into categories, corresponding to Energy, Environment (including climate change) and Food, Agriculture and Biotechnology.

These lists were forwarded to EU National Contact Points with the expectation to trigger responses from EU partners for these proposals.

Further to that KEPA asked the interested institutions to send a short description of their institutions, short CVs for persons interested to be involved in these proposals and their full contact details in order to facilitate communications among them.

KEAP collected these texts. The next step was to define a project coordinator in agreement and among the potential participants, so as to encourage them to work in shaping the consortium and transform the topic into a proposal that can be submitted when and if such a call will open.

The National Coordinator of Kazakhstan for FP7 Dr. Kamilla Magzieva, visited KEPA premises on February 14th, 2007. The primary purpose of this visit was to discuss with KEPA the inclusion of institutions from Kazakhstan and neighbouring countries to the PROMITHEAS network and FP7 proposals.

Since there was no mobility after the BSEC PROMITHEAS-2 Scientific Workshop meeting in Istanbul, Prof. MAVRAKIS sent on August 6th, 2007, a letter to Mr. Alesandro DAMIANI so as to learn about the latest developments regarding this issue (Annex VIII). No response has been received by the Unit of International Scientific Cooperation Policy so far.

PROMITHEAS Network circulated in late April 2007, the annual edition of 2006 “Energy View of BSEC Countries” financed by the Hellenic Aid of the respective Ministry of Foreign Affairs. The aim of this publication is to present annually updated information concerning the status and the opportunities of the energy sector of the BSEC countries. This edition covers ten (10) BSEC countries (Albania, Armenia, Azerbaijan, Bulgaria, Georgia, Greece, Moldova, Romania, Serbia and Ukraine). This edition was presented during the first scientific workshop in Baku, on April 11th, 2007 and the Second Steering Committee meeting, on April 20th 2007, in Istanbul. Copies of the edition have been distributed during summer 2007 to the participating institutions from the following ten (10) countries: Albania, Armenia, Azerbaijan, Bulgaria, Georgia, Greece, Moldova, Romania, Serbia and Ukraine.

During early May 2007, the extended PROMITHEAS Network submitted a proposal named “EU – BSEC & Central Asia Energy and Climate Policy Network” under the open call FP7-INCO-2007-1. The aim of this proposal was to coordinate networking and strategic partnership of EU, BSEC and Central Asia countries’ scientific and research activities in the energy and climate policy areas.

The programme had the following objectives:

- To enhance and further expand the academic network PROMITHEAS of EU, BSEC and Central Asia energy and climate policy institutions;
- To identify and establish priorities of research with BSEC and Central Asia countries and coordinate the participation of these countries in EU financing mechanisms and policy instruments ensuring a coherent approach and developing synergies with other Community External Cooperation Programmes and Policies (Energy Community in SE Europe, European Neighborhood Policy, Baku Initiative, etc);
- To disseminate European expertise and scientific practices in the BSEC and Central Asia regions as well as enhance production of knowledge and scientific excellence in the third countries;
- To promote European competitiveness by engaging the best third country scientists to work with Europe as well as by enabling European universities, research institutions and firms to establish contact with BSEC and Central Asian regions, thereby facilitating access to research environments outside Europe and promoting synergies on a global scale;
- To allow PROMITHEAS network to act as a training, knowledge transfer and cooperation facilitation mechanism for the benefit of both the EU and the BSEC and Central Asia regions;
- To strengthen the cooperation bonds between the scientific community and state and private stakeholders in the strategically important areas of energy policy and climate change;
- To promote bi-regional cooperation towards the SE Europe, Mediterranean, Middle East and Asia regions.

The participants are presented at Table 3.

This proposal (No. 211942, FP7-INCO – 2007 -1, CSA – Coordination and support action) was not accepted. The partners were informed in August 2007, about this negative outcome.

Table 3: List of participants for proposal PROMITHEAS-3.

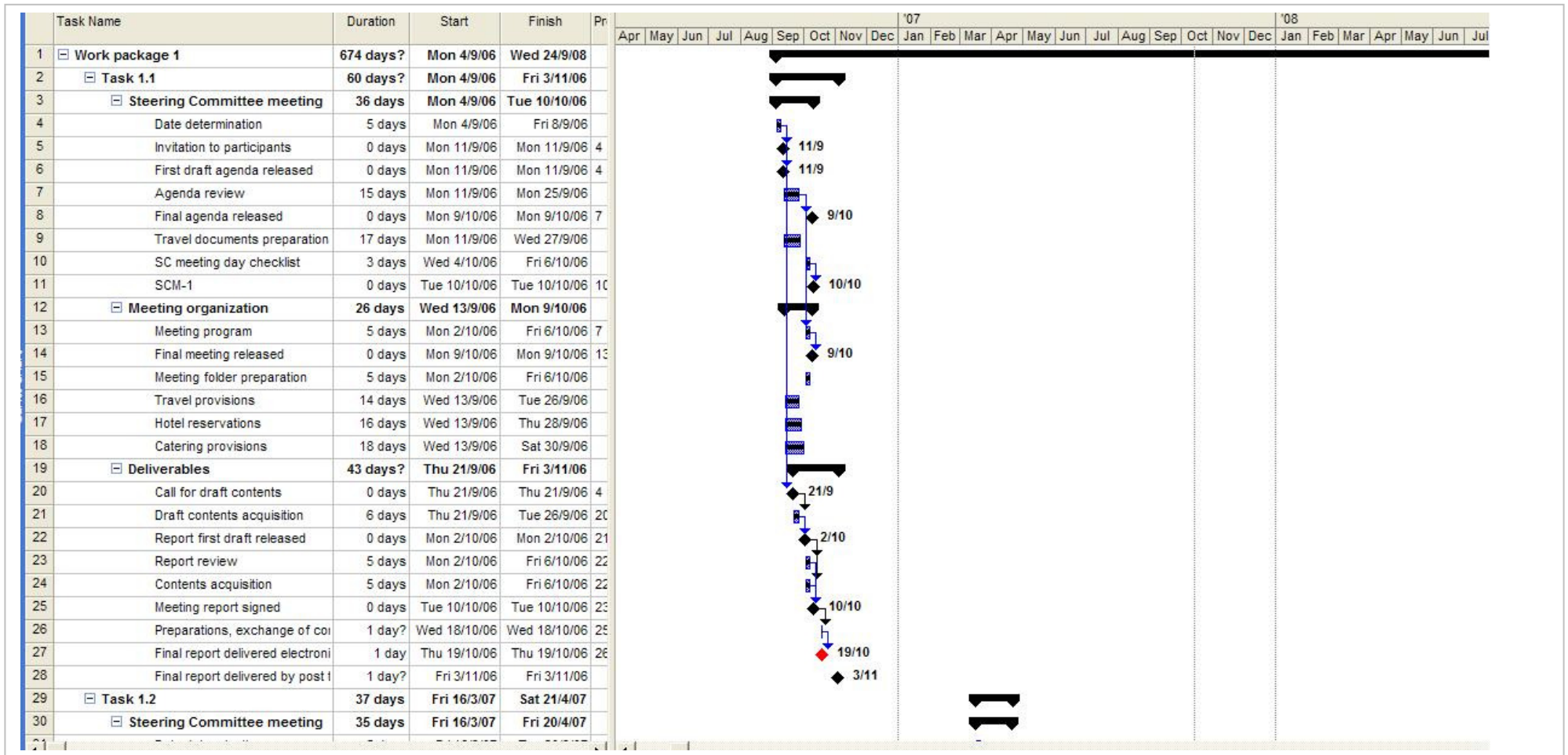
Participant no.	Participant short name	Participant organization name	Country
1 (Coordinator)	NKUA-KEPA	National and Kapodistrian University of Athens – Energy Policy and Development Centre	Hellas
2	EECA	Albanian EU Energy Efficiency Center	Albania
3	ESC	Energy Strategy Centre	Armenia
4	GPOGC	Geotechnological Problems of Oil, Gas and Chemistry	Azerbaijan
5	BSREC	Black Sea Regional Energy Centre	Bulgaria
6	EECGEO	Energy Efficiency Centre Georgia	Georgia
7	INEXCB-Kz	Independent Expert Consulting Board to Promote Scientific Research Activity in Kazakhstan	Kazakhstan
8	PCTC-KG	Public Centre for Tobacco Control	Kyrgyzstan
9	IPE	Institute of Power Engineering	Moldova
10	ISPE	Institute of Power Studies and Design	Romania
11	UOB-CE	University of Belgrade – Centre of Energy	Serbia
12	SoDeSCo	Society for Development of Scientific Cooperation in Tajikistan	Tajikistan
13	TUBITAK	Marmara Research Center	Turkey
14	ESEMI	Energy Saving and Energy Management Institute	Ukraine
15	IUCPT	Indo-Uzbek Centre for Promotion S&T Cooperation	Uzbekistan
16	MSU	Faculty of Economy, M.V. Lomonosov Moscow State University, Energy and Climate Projects	Russia

In May 2007, the extended PROMITHEAS Network submitted a proposal for the establishment of a Long distance learning network at the Hellenic Ministry of Foreign Affairs. The partners come from Albania, Armenia, Azerbaijan, Georgia, Greece, Kazakhstan, Kyrgystan, Moldova, Serbia, Tajikistan, Turkmenistan, Turkey, Ukraine and Uzbekistan. The aim of this proposal is the creation and functioning of a long distance learning network for energy and climate policy issues. Cooperation bonds among the scientific communities and the future decision makers of the participating countries will be strengthened through the functioning of this network. Additionally, there will be knowledge transfer regarding issues that concern the function of the energy markets and the Kyoto protocol mechanisms. The participants will also familiarize with the function procedures of a regional cooperation network and the procedures of long-distance learning.

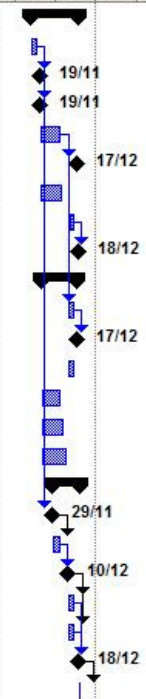
Section 4 – Other issues

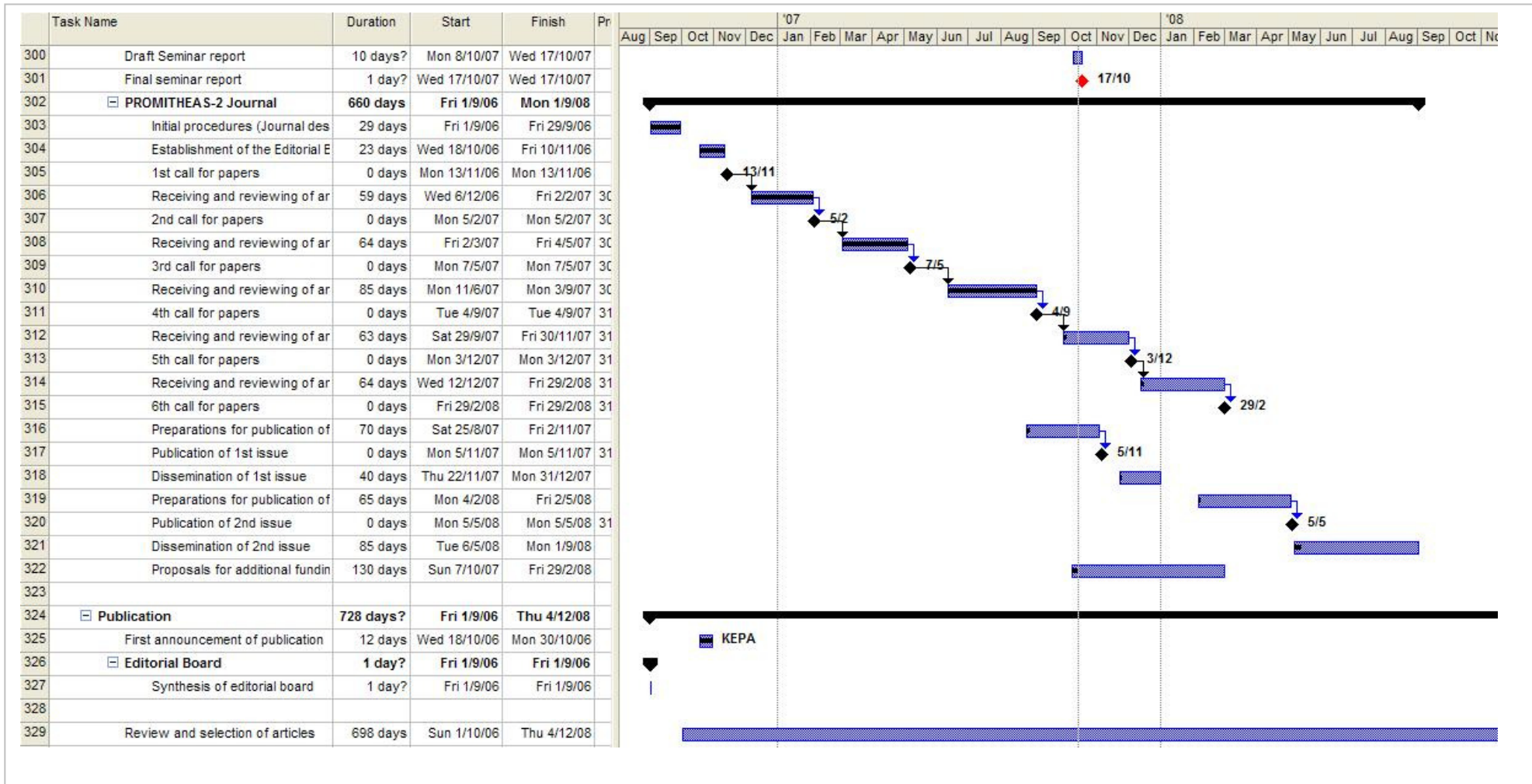
No ethical issues.

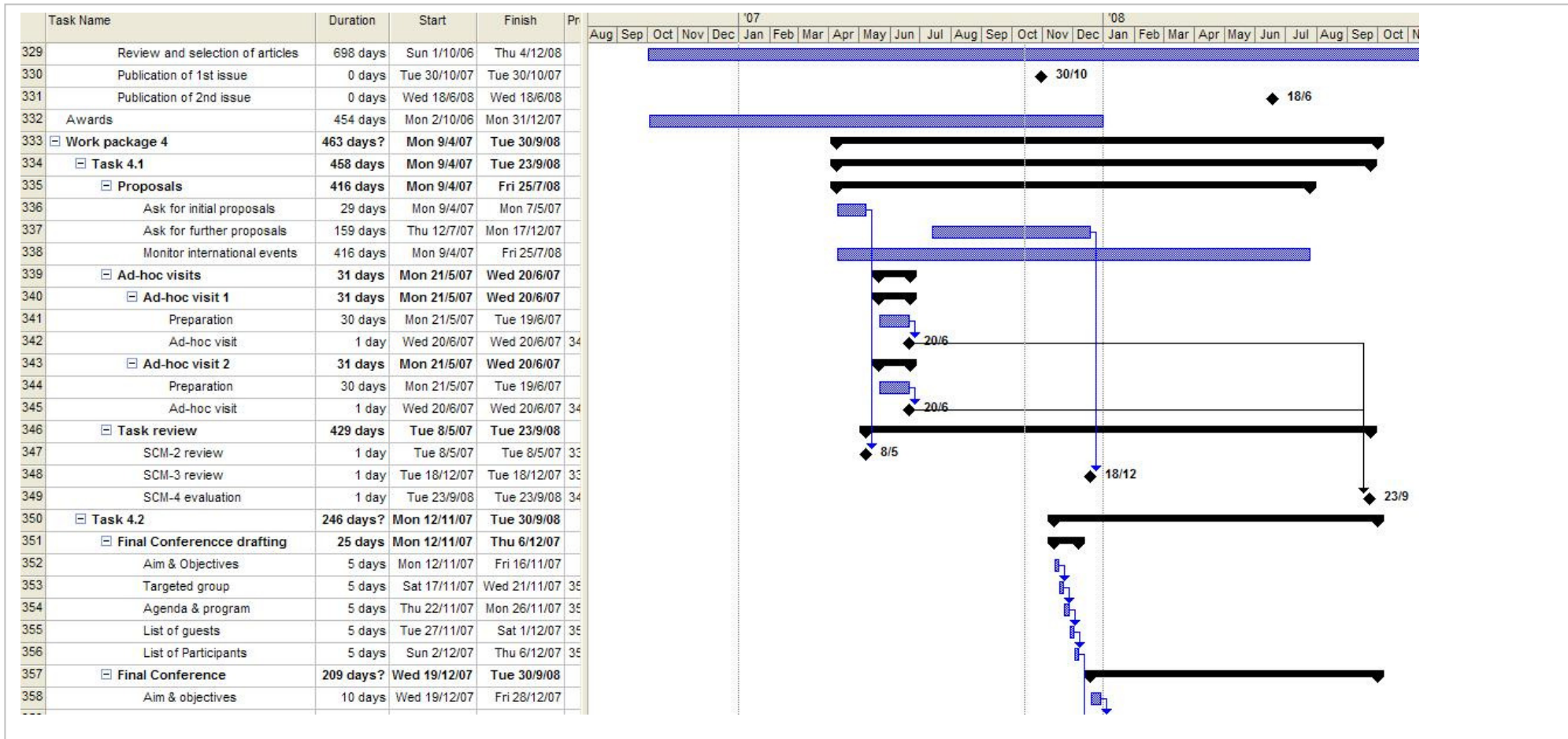
Figure 1: Detailed Gantt diagram for PROMITHEAS-2.



56	▣ Steering Committee meeting	36 days	Mon 12/11/07	Tue 18/12/07	
57	Date determination	5 days	Mon 12/11/07	Fri 16/11/07	
58	Invitation to participants	0 days	Mon 19/11/07	Mon 19/11/07	57
59	First draft agenda released	0 days	Mon 19/11/07	Mon 19/11/07	57
60	Agenda review	15 days	Mon 19/11/07	Mon 3/12/07	
61	Final agenda released	0 days	Mon 17/12/07	Mon 17/12/07	60
62	Travel documents preparation	17 days	Mon 19/11/07	Wed 5/12/07	
63	SC meeting day checklist	3 days	Wed 12/12/07	Fri 14/12/07	
64	SCM-1	0 days	Tue 18/12/07	Tue 18/12/07	63
65	▣ Meeting organization	26 days	Wed 21/11/07	Mon 17/12/07	
66	Meeting program	5 days	Mon 10/12/07	Fri 14/12/07	60
67	Final meeting released	0 days	Mon 17/12/07	Mon 17/12/07	66
68	Meeting folder preparation	5 days	Mon 10/12/07	Fri 14/12/07	
69	Travel provisions	14 days	Wed 21/11/07	Tue 4/12/07	
70	Hotel reservations	16 days	Wed 21/11/07	Thu 6/12/07	
71	Catering provisions	18 days	Wed 21/11/07	Sat 8/12/07	
72	▣ Deliverables	21 days	Thu 29/11/07	Wed 19/12/07	
73	Call for draft contents	0 days	Thu 29/11/07	Thu 29/11/07	57
74	Draft contents acquisition	6 days	Thu 29/11/07	Tue 4/12/07	73
75	Report first draft released	0 days	Mon 10/12/07	Mon 10/12/07	74
76	Report review	5 days	Mon 10/12/07	Fri 14/12/07	75
77	Contents acquisition	5 days	Mon 10/12/07	Fri 14/12/07	75
78	Meeting report signed	0 days	Tue 18/12/07	Tue 18/12/07	76
79	Final report delivered	2 days	Tue 18/12/07	Wed 19/12/07	76
80	▣ Task 1.4	28 days	Mon 18/8/08	Wed 24/9/08	
81	▣ Steering Committee meeting	26 days	Mon 18/8/08	Tue 23/9/08	
82	Date determination	5 days	Mon 18/8/08	Fri 22/8/08	
83	Invitation to participants	0 days	Mon 25/8/08	Mon 25/8/08	82
84	First draft agenda released	0 days	Mon 25/8/08	Mon 25/8/08	82
85	Agenda review	15 days	Mon 25/8/08	Fri 12/9/08	







ANNEXES

ANNEX I: Open call for Workshop in Sofia



PROMITHEAS - 2
The EU-BSEC
Energy and Climate
Policy Network

Workshop

Electricity Generation and Emission Trading in South -Eastern Europe

Sofia, Bulgaria: September 21st 2007

Call for papers

Workshop Overview:

The workshop **“Electricity Generation and Emission Trading in South-Eastern Europe”**, organized by the PROMITHEAS Network of Energy and Climate Policy under the 6th Framework Programme project “EU – BSEC Energy and Climate Policy Network”, will be held in **Sofia, Bulgaria on September 21st 2007.**

Scope:

The workshop will allow scientific discussion on the field of electricity generation and emission trading in South-Eastern and Central Europe countries. The development of new methods and technologies in electricity generation, the in-building of renewable energy sources, the optimisation of energy distribution and the protection of the natural environment will also be in the focus of the workshop. Scientists, political and economic decision makers will discuss a strategy for the establishment of a international cooperation network, that will provide secure and sustainable development of the energy sector in the future.

Potential Participants:

Scientists, decision makers, engineers, postgraduate students, market stakeholders.

Topics:

- ▶ Electricity generation technologies
- ▶ Mechanisms of Emission Trading between South-Eastern, BSEC and the EU countries based on the Kyoto protocol
- ▶ Renewable Energy Sources and their use in the technology of energy production
- ▶ Innovations in the CO₂ capture and storage technologies
- ▶ Energy market structures and their influence to the world economy
- ▶ Optimisation of the security of energy supply
- ▶ Protection of the natural environment
- ▶ Climate change observations and protection measures
- ▶ Elaborations on international energy laws and agreements
- ▶ Projects for the establishment of an international energy cooperation network



KEPA



GPOGC



BSREC



IPE



ISPE



ESEMI

Important Deadlines:

- 01.08.2007: Submission of abstracts
- 15.08.2007: Acceptance notification
- 31.08.2007: Registration
- 21.09.2007: Workshop
- 30.10.2007: Submission of full papers

Submission Requirements:

Intending contributors should submit abstracts of no more than 500 words in length. The author's names, addresses, phone numbers and e-mails should be listed starting with the presenting author. Electronic submission (in MS Word) is required at office@bsrec.bg; radulov@bsrec.bg; detistov@bsrec.bg.

Abstracts will be reviewed by the scientific committee of the workshop, to determine whether acceptance for presentation is appropriate.

Publication:

Papers presented during the workshop will be reviewed for publication in the scientific journal **"Euro – Asian Journal of Sustainable Energy Policy"**. Accepted papers will participate in the award obtaining procedure of the journal (more information available at: http://www.kepa.uoa.gr/PROMITHEAS2_publications.htm).

Scientific Committee:

- | | |
|-------------------------------|---|
| 1. Prof. Dr. Lulin Radulov | – Specialist in Power systems |
| 2. Prof. Dr Jordan Jordanov | – Specialist in Gas and oil |
| 3. Prof. Dr. Nikola Kalojanov | – Specialist in Heating and cooling |
| 4. Prof. Dr. Dimitar Sirakov | – Specialist in Meteorology |
| 5. Prof. Dr. Ivan Ivanov | – Specialist in Climate and environment |

Full details available at:
http://www.kepa.uoa.gr/PROMITHEAS2_activities.htm
<http://www.bsrec.bg>



ANNEX II: Newsletter issues (4 and 5)



Issue 4, March – April 2007

General Information

The bimonthly newsletter of "PROMITHEAS-2/The EU-BSEC Energy and Climate Policy Network" contains information about the network activities. Its content reflects the network's views and the European Community is not liable for the information contained. Announcements and outcomes of conferences, workshops or meetings for energy or climate policy issues organized by universities, academies or institutes coming from EU and BSEC Member States are included. Sponsorships are welcome.

The newsletter is distributed at the moment to more than 1,200 recipients in Albania, Armenia, Azerbaijan, Belarus, Belgium, Bosnia & Herzegovina, Bulgaria, Croatia, Cyprus, Finland, France, FYROM, Georgia, Greece, Hungary, Iceland, Ireland, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Malta, Mauritania, Moldova, Mongolia, Morocco, Netherlands, Norway, Portugal, Romania, Russia, Serbia, Spain, Switzerland, Tajikistan,

Turkmenistan, Turkey, Tunisia, UK, Ukraine, USA and Uzbekistan.

PROMITHEAS, the Energy and Climate Policy Network has until now members from ten countries. One of its activities is the PROMITHEAS-2 project funded by the FP6 of EU. Six (6) institutions, *Geotechnological Problems of Oil, Gas and Chemistry - GPOGC* from Azerbaijan, *Black Sea Regional Energy Centre - BSREC* from Bulgaria, *Energy Policy and Development Centre - KEPA* from Greece, *Institute of Power Engineering of the Moldovan Academy of Sciences - IPE* from Moldova, *Institute for Studies and Power Engineering - ISPE* from Romania and *Energy Saving and Energy Management Institute - ESEMI* from Ukraine participate at PROMITHEAS-2 with KEPA as the coordinator.

PROMITHEAS-2, Workshops

Scientific Workshop "*Socio-economics aspects of the energy corridor, linking the Caspian Region with EU*", April 11-12, 2007 in Baku (Azerbaijan). The workshop focused on the socio-economic issues related to the development of the energy corridor transporting Caspian hydrocarbons to the European Union. Annex I has more information about the workshop.

BSEC-PROMITHEAS-2, *Workshop on Energy and Science & Technology Perspectives for regional projects*, April 20, 2007 in Istanbul (Turkey) at BSEC headquarters. The workshop fell within the activities of the Serbian BSEC

chairmanship. The aim of the workshop was to bring together European and Black Sea stakeholders to discuss project collaboration and funding in the fields of Energy, Environment, Science & Technology and Education in the BSEC region. Annex II has more information about the workshop.

Scientific Workshop "*Electricity generation and emission trading in South Eastern Europe*", September 21, 2007 in Sofia (Bulgaria). The workshop will focus on the development of new methods and technologies in electricity generation, the in-building of renewable energy sources, optimisation of energy distribution and protection of the natural environment. Prof. Dr. **Jordan JORDANOV** –Specialist in Gas and oil, Prof. Dr.



Nikola KALOJANOV – Specialist in Heating and cooling, Prof. Dr. **Boncho BONCHEV** – Specialist in Thermal power plants, Prof. Dr. **Dimitar SIRAKOV** – Specialist in Meteorology, Prof. Dr. **Ivan IVANOV** – Specialist in Climate and environment, Prof. Dr.

Lulin RADULOV – Specialist in Power systems constitute the Scientific Committee of the Workshop.

More information available at:
http://www.kepa.uoa.gr/PROMITHEAS2_Workshop2.htm

PROMITHEAS-2, Activities

The 2nd call for PROMITHEAS-2 scientific journal titled “Euro – Asian Journal of Sustainable Energy Policy” (in English and Russian language) is still open and addressed to EU, BSEC and Central Asia researchers. Coverage of the journal includes energy and climate policy research issues.

More information available at:
http://www.kepa.uoa.gr/PROMITHEAS2_publications.htm

The e-class platform of PROMITHEAS-2 (English and Russian version) is on line. The platform is an integrated system of electronic organization, storage and presentation of digital educational material. It supports the learning process, offering to participants a dynamic, interactive environment free of the

restrictive factors of space and time that are present in traditional teaching.

More information available at:
http://www.kepa.uoa.gr/PROMITHEAS2_seminar.htm

The names of the PROMITHEAS-2 seminar participants are announced at the website of the project. The selected participants will start the e-class lessons on June 4th, 2007. The actual three (3) day seminar will take place in October 2007 at Athens (Greece).

More information available at:
http://www.kepa.uoa.gr/PROMITHEAS2_seminar.htm

Presentation of PROMITHEAS-2 participants

Activities of BSREC

Written by
 Dr. Lulin RADULOV,
 Director of
 Black Sea Regional
 Energy Centre (BSREC)



BSREC was inaugurated in February 1995 following the Chalkidiki Ministerial Meeting, held in May 1994 in Greece. The establishment of the Centre was a joint initiative of the European Commission, under its SYNERGY Programme, and the countries of the Black Sea region, i.e. Albania, Armenia, Azerbaijan, Bulgaria, Georgia, Greece, Moldova, Romania, Russian Federation, Turkey and Ukraine. Since January 1, 1999 FYROM and, since October 12, 2001 Serbia, have become BSREC members as well. BSREC is registered in Sofia (Bulgaria) according to the legislation of its host country.

BSREC acts as a focal point for energy related activities, aimed at developing co-operation between the Black Sea region countries and the EU in the energy field. The Centre co-operates closely with all the Black Sea countries in order to be well informed with the national trends and developments. Apart from its international activities BSREC is actively involved in the Bulgarian energy issues.

BSREC is governed by a Steering Committee (SC) – a

13-member multinational decision-making body. The SC has one delegate from each Black Sea country, nominated by the Minister responsible for energy of the respective country. The SC decides about the Centre’s sustainable development, on-going projects and nomination of experts to work for the Centre.

The overall goal of the BSREC activities is to contribute to the main priorities of the EU policy: Security, Competitiveness and Sustainability. These follow the principles agreed in advance by the SC.

The main objectives of the Centre are:

- Facilitation of implementation of long/medium term integrated strategy of security of supply and sustainable development;
- Promotion of market reform, with reference to EU Directives on electricity and gas, the European Energy Charter and the world-wide accepted restructuring process;
- Encouragement of investment and funding opportunities in the energy sector of the Black Sea Region;
- Facilitation of Black Sea Region initiatives for social partners who wish to link with international counterparts;

BSREC has a wide network of “Contact Points”, which enables the good co-operation between the energy market players, including energy sector organizations,



ministries, public and private enterprises and individuals in the whole Black Sea Region.

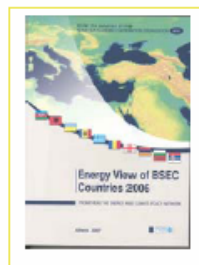
During its 12-year operation the BSREC was involved in more than 40 projects. In brief these were projects under the EC programmes: PHARE, SYNERGY, FP5,

FP6, EIE, as well as SEETEC, USAID, World Bank projects, e.c.t.

More information available at: <http://www.bsrec.bg>

Events

- PROMITHEAS Network circulated the Energy View of BSEC countries 2006". Financing of this edition was achieved mainly through the "Hellenic Aid" mechanism. Additional sponsorship was received by Hellenic Public Power Corporation (DEI S.A.), Hellenic Petroleum (ELPE S.A.) and KEPA. The present volume analyses the energy and climate sectors of ten BSEC countries:



Albania, Armenia, Azerbaijan, Bulgaria, Georgia, Hellas, Moldova, Romania, Serbia and Ukraine.

More information available at: <http://www.kepa.uoa.gr/publications.htm>

- The EU Commission, on April 11, 2007 presented the "**Black Sea Synergy – A new regional cooperation initiative**" to the Council and the European Parliament (COM(2007), 160 final, Brussels, 11.04-2007). The initiative is set under the framework of the European Neighborhood Policy (ENP) and focuses on issues and cooperation sectors which reflect common priorities between the EU and the Black Sea region such as good governance, energy, transport, environment,

maritime policy, fisheries, trade, research and education networks, science and technology, employment - social affairs and regional development.

More information available at: http://ec.europa.eu/world/enp/documents_en.htm#7

- Prof. Elmira RAMAZANOVA has been elected on April 26, 2007 as a Member-Correspondent of the Azerbaijan National Science Academy for the Earth Section in Development and Exploitation of Oil and Gas Deposits. Members of NAS are Azeri scientists with outstanding achievements in science development, actively assisting the realization of scientific achievements and implying them in social and cultural building.

- The *International Conference "Synergies between Black Sea and Northern Europe Cooperation: Exchange – Enhance – Elaborate"* took place in Bucharest (Romania), on April, 27 2007. It was organized by the Romanian Ministry of Foreign Affairs under the aegis of the Black Sea Forum (BSF) for Dialogue and Partnership.

More information available at: <http://www.blackseaforum.org/synergies.html>

Upcoming events

- European Wind Energy Conference & Exhibition**, will be held on May, 7-10 2007 at MIC - Milano Convention Centre, Milan (Italy). More information at: <http://www.ewec2007.info>
- International Conference, "Pellets for bioenergy: Addressing the challenges"**, will be held on May 10 2007, at Utrecht (Netherlands). It is organized by the European Biomass Association (AEBIOM), in the framework of the Restmac project (financed by FP6), sponsored by Muench – Germany. More information at: <http://www.aebiom.org>
- Parliamentary Conference on "Developing an energy Community in South East Europe"** will be held on May 25, 2007 at Sofia (Bulgaria). It is organized by the European Energy Forum.
- Power Systems Modelling (PSM 2007) conference**, will be held on June 5-8 in Athens 2007 at the Plaza Resort in Anavisos, Athens (Greece). Calls for Papers is open until May 14, 2007. More information at: <http://www.enecord.com/PSM>

- 2nd International Workshop on "Energy Performance and Environmental Quality of Buildings" (EPEQUB 2007)**, will be held on July 12-13, 2007, at Milos Conference Center - George Eliopoulos (Milos island, Greece). Electronic submission of abstracts until April 30, 2007. Authors will be notified about acceptance of their paper by May 31, 2007. Deadline for full paper submission is July 12, 2007. More information available at <http://milos.conferences.gr/epequb2007>.

Contact details

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The newsletter has been prepared by Popi KONIDARI, KEPA.



Annex I

Scientific Workshop “Socio-economics aspects of the energy corridor, linking the Caspian Region with EU”

The Workshop was held on April 11-12, 2007 in Baku (Azerbaijan). Among the participants there were scientists, governmental officials, engineers, post graduate students, young researchers, market stakeholders and diplomatic representatives of interested parties. Participants discussed the socio-economic issues related to the development of the energy corridor transporting Caspian hydrocarbons to the European Union and its implications to local economies. The workshop tackled also issues of policy harmonization among countries at the beginning of the corridor.

Mr. R. MAMEDOV, representative of Ministry of Industry and Energy of Azerbaijan, **Mr. A. ZAMANOV**, representative from the Ministry of Education and **Mr. A. JANAHMEDOV**, representative from the Ministry of Foreign Affairs of Azerbaijan launched the workshop with their welcome addresses. **Mr. D. DESCOUTURES** presented the Seventh Framework Programme and the European Neighborhood Policy. He emphasized on scope, opportunities, practices and instruments for the sectors of Energy and Environment. **Mr. N. MADATOV**, Expert of National Coordination Office on International Technical Aid of EU to Azerbaijan analysed “*the Role of technical assistance in the development of Energy Cooperation between EU and Azerbaijan*”.

Prof. D. MAVRAKIS, coordinator of the PROMITHEAS Network presented the activities of the network and opportunities of scientific cooperation through FP7 calls. He also emphasized on the need to promote young scientists in PROMITHEAS' s activities. **Prof. E. RAMAZANOVA** presented GPOGC's activities. **Prof. E. SHAKHBAZOV**, SOCAR presented “*Azerbaijan's Oil Strategy, security problems and risk evaluation of energy carriers in the Black Sea – Caspian region*”.

The workshop thematic areas included: i) analysis of the existing geopolitical, institutional and environmental conditions affecting the security of energy supply, ii) usage of scientific tools to forecast future supply and demand conditions, iii) analysis of transit regimes, iv) identification of existing obstacles and v) proposing of solutions, facilitating the development of the proposed corridor.

The workshop was divided into five sessions, Hydrocarbon Potential of the Caspian Region, Socioeconomic Tools for Analysis of the South Energy Corridor, Environmental Impact of the South Energy Corridor and Geopolitical and Institutional Perspectives of the South Energy Corridor. Thirty (30) speakers presented their research work. The titles of their presentations were the following:

1. “*Position of South-caspian cavity as one of the largest oil and gas sediment basins in the world*”, Mr. A. ALIYEV, SOCAR
2. “*Hydrocarbon potential of the Bulgarian Black Sea offshore*”, Assoc. Prof. J. JORDANOV,

Expert-Adviser to the Parliamentary Commission on Energy, Sofia Mining and Geology University.

3. “*The specification of produced residual resources of oil fields on the basis of phenomenological approach*”, Prof. T. Sh. SALAVATOV, Mr. A. V. MAMEDOV and Mr. E. PANAKHOV, State Oil Academy, GPOGC .
4. “*Using of high technologies in oil production, Intesification of oil production with the aid of nanohydrodynamic effects' usage*”, Prof. F.B. NAGIYEV, Mr. R. Kh. MUSTAFIN, GPOGC.
5. “*Respective of nanochemistry in oil industry*”, Prof. A. SHABANOV and Dr. U. GASANOVA, GPOGC.
6. “*About the increase of efficiency in the transportation of extra-heavy crude and oil*”, Dr. A.N. ZEYNALOV, GPOGC.
7. “*Caspian Region – the Insurance for Energy Security of European Union with no Alternative*”, Mr. F. AKHMEDOV, Managing Director of Azerbaijan South Caucasus Pipeline LTD.
8. “*Gas-PRS - a decision support tool for selection of optimum transcontinental natural gas pipeline routes*”, Prof. Dim. MAVRAKIS and Mr. F. THOMAIDIS, KEPA.
9. “*Outlook on Trans-European Energy Routes Across Romania*”, Mrs. C. VASILE and Mrs. A. S. CALINOIU, ISPE.
10. “*Ukraine: Sustainable Development, Energy Security, Transport Corridors for Energy Resources*”, Prof. A. PRAKHOVNIK and Prof. E. INSHEKOV, ESEMI.
11. “*The Structural Approach To Decisions Of Dynamic Processes In The Main Pipeline Systems*”, Mr. H. A. MAMEDOV, Mr. K.E. RUSTAMOV and Mr. V. H. MUSAEV, Azerbaijan Technical University.
12. “*Diagnosing of various kinds of complications in pipelines on the basis of artificial neural networks*”, Mr. G.G. ISMAYLOV, Mr. B.H. IBISHOV, Mr. B.G. ISMAYILOV and Mr. E.G. GASANLI, GPOGC.
13. “*Analyst-statistical method of continuous work probability estimation in arterial gas pipelines with time redundancy*”, Mr. I.A. GABIBOV, Mr. O.A. DYSHIN and Mr. A.T. JAMALOV, State Oil Academy of Azerbaijan.
14. “*Gas transportation system of Azerbaijan and perspective*”, Mr. E. ALIYEV and Mr. R. BAGIROV, AZNIPI GAS.
15. “*Evaluation of Hydrocarbon production and transportation on the environment*”, Mr. M.GANBAROV, Mr. M. ATAEV, Azerbaijan Ministry of Ecology and Natural Resources.

16. *“Technological, socio-economic and ecological aspects of the space weather on the normal operation of oil and gas pipeline systems and reliability of electric power supply grids in Azerbaijan and South Energy Corridor region”* by Mr. E.S. BABAYEV, Mr. A.B. ASGAROV, Mr. P.N. SHUSTAREV, Mr. F.R. MUSTAFA, SHAMAKHY ASTROPHYSICAL OBSERVATORY named after N.TUSI, Mr. V.G. KUZNETSOV, Institute of Electrodynamics, National Academy of Sciences of Ukraine, Mr. A.M. HASHIMOV, Institute of Physics, Azerbaijan National Academy of Sciences, Mr. N.A. YUSIFBEYLI, AZERENERJI.
17. *“Mathematical modeling of pollution while emergency situations in oil-gas production regions of the Caspian”*, Mr. F.E. AGHAYEV, Mr. S.B. ASADOV, Mr. T.M. TATARAYEV, Mr. Sh.Q. MAHMUDOVA, Institute of Ecology, National Aerospace Agency of Azerbaijan.
18. *“The structure of the measuring-calculating system for detection of leakages of oil, oil products and gas in overland and underwater pipelines”*, Prof. R. ALIYEV and Dr. T. RZAYEV, GPOGC.
19. *“Mechanical mean of cleaning the spoiled soils of Absheron peninsula”*, Mr. S.T. ALIYEV, Mr. S.R. QUARBANOV, Mr. A.M. MUSTAFAYEV, Mr. I.Sh. HAJIYEV, Ecology Office, SOCAR.
20. *“Cuffless gate, valve and faucet usage on the backbone energy systems with no influence on the environment”*, Mr. H. GURBANOV, Mr. I. RAMAZANOV, State Oil Academy.
21. *“Increasing the reliability of pipeline on the basis of estimation of risks”*, Mr. R. SATTAROV, Mr. I. SATTARZADEH, Mr. R. ISMAYILOV, Mrs. R. MAMEDOVA, Mr. I. AZIZOV, Mr. J. MEKHTIYEV, State Oil Academy.
22. *“The present state of deliberations concerning the legal status of the Caspian Sea”*, Mr. A. JANAKHMADOV, Azerbaijan Ministry of Foreign Affairs.
23. *“The role of exporting pipeline Baku-Tbilisi-Jeyhan in the socio-economic development of Azerbaijan”*, Prof. T.N. ALIYEV, State Oil Academy.
24. *“The forming of energy security in Azerbaijan in conditions of globalization”*, Mrs. L. X. MUKHSINOVA, Institute of Economy, national Academy of Sciences.
25. *“Caspian oil pipeline policy and security provision problems in the region”*, Dr. R. MAMMADOV, Azerbaijan International University.
26. *“Geo-economic interest of USA and Russia in Caspian region and Azerbaijan”*, Mrs. D. ABBASOVA, Student of Baku State University.
27. *“Evaluation of efficiency of investing into Azerbaijan Republic oil-gas producing industry”*, Mr. A. MUSTAFAYEV, Student of State Oil Academy of Azerbaijan.
28. *“Socio-economic aspects of energy Corridor connecting Caspian Region with Europe”*, Dr. H. MELIKOV, Mr. I. GULIYEV, GPOGC.
29. *“Caspian Region Environmental Security Problems”* Mrs. S. QASIMOVA, Student of Baku State University.
30. *“BTC as a factor of regional development and basis of energy transporting corridor East-West”*, Mr. N. MAMEDOV, Mrs. S. YUSIFOVA, Mrs. O. SHABELNIKOVA, Students of Baku State University.

Presentations and photos from the workshop will be uploaded at the website of PROMITHEAS-2:

http://www.kepa.uoa.gr/PROMITHEAS2_Workshop1.htm

Annex II

BSEC-PROMITHEAS-2 “Workshop on Energy and Science & Technology – Perspectives for regional projects”

The Workshop was held on April 20, 2007 in Istanbul (Turkey) at the BSEC – PERMIS headquarters. The event fell within the activities of the Serbian BSEC Chairmanship. Representatives from national organizations and research institutions coming from nine BSEC Member States, the Republic of Kazakhstan, the Black Sea Commission, UNDP and UNIDO-ICHET participated at the event.

The aim of the workshop was to bring together representatives of BSEC Member States and Related Bodies, EU representatives, academic and research institutions and the “PROMITHEAS” Network members so as to examine opportunities of project collaboration

and funding in the fields of Energy, Environment, Science & Technology and Education in the BSEC region.

Mr. Miroslav KUKOBAT, the representative of the Serbian Ministry of Energy, Head of the International Section of the Ministry, in his opening speech referred to the: i) sustainable sources of energy, in particular the Hydrogen energy Inventory in BSEC countries drawn by the Business Council and UNIDO-ICHET, ii) EU’s Seventh Framework Programme and iii) climate change.

Deputy Secretary Generals of BSEC, ambassadors **Mr. Andrey URNOV** and **Mr. Altai EFENDIEF** presented the promotion of regional RTD cooperation in the BSEC region.

Mr. Andrey URNOV and BSEC's Executive Manager, **Mr. Predrag GAVRILOVIC** referred to the mobilization of regional collaboration, the activities of the BSEC Working Group on Science & Technology, on Energy and the operational framework of the Project Development Fund.

Mr. Daniel DESCOUTURES, the EU representative, DG Research, via online internet connection (tele-conference) focused on the Black Sea Synergy Initiative and the European Neighborhood Policy as means of regional cooperation between the Black Sea region and the European Union. A part of his speech concerned FP7. A few topics of mutual EU-Black Sea interest will most likely be included in FP7 revised work programmes for the 2008 calls. He referred also to the importance of the on-going BSEC-EU dialogue and the priorities of the wider European Research Area.

Mr. Konstantinos ZAIMIS, BSEC, referred in his speech at the role of the BSEC Project Development Fund as a catalyst for regional cooperation.

Prof. Dimitrios MAVRAKIS, the coordinator of PROMITHEAS Network, outlined the activities of the network. He addressed an invitation to BSEC scientists universities and research institutions to join the network and its on-going activities. He emphasized on the need to take advantage of the created momentum and to participate in future FP7 calls.

Prof. Elmira RAMAZANOVA, GPOGC, presented the main outcomes of the Scientific Workshop in Baku (April 11-12, 2007). **Dr. Lulin RADULOV**, BSREC, and **Prof.**

Evgenij INSHEKOV, ESEMI, presented the up-coming Scientific Workshops in Sofia (September 21, 2007) and Kiev respectively. **Mrs. Camelia VASILE**, ISPE, described the upcoming Energy and Climate Policy Seminar of the network, while **Dr. Mihail CHIORSK**, IPE, referred to the bi-lingual Scientific publication of the network.

After the final workshops of the BS-RESPOT programme that was funded by EC-FP6, a broad initiative was undertaken by KEPA that led to the identification of numerous academic and research institutions that are willing to participate in consortiums related to FP7 proposals. **Prof. D. MAVRAKIS** presented to the participants this initiative, its results, the existing timeframe, conditions and on-going procedures before the agreed topics become part of the official FP7 calls. A number of proposals regarding the network's activities were submitted to Hellenic Aid financing mechanism for international aid to developing countries.

Finally, **Mr. Nikolaos KONTINAKIS**, KEPA, presented opportunities through PROMITHEAS network. Through self-financing and sponsoring, PROMITHEAS published, for the second year, the annual "Energy View of the BSEC countries".

Presentations and photos from the workshop will be uploaded at the website of PROMITHEAS-2:

http://www.kepa.uoa.gr/PROMITHEAS2_Workshop_Instabul.htm



Issue 5, May – June 2007

General Information

The bimonthly newsletter of "PROMITHEAS-2/The EU-BSEC Energy and Climate Policy Network" contains information about the network activities. Its content reflects the network's views and the European Commission is not liable for the information contained. Announcements and outcomes of conferences, workshops or meetings for energy or climate policy issues organized by universities, academies or institutes coming from EU and BSEC Member States are included. Sponsorships are welcome.

The newsletter is distributed at the moment to almost 1,400 recipients in Albania, Armenia, Azerbaijan, Belarus, Belgium, Bosnia & Herzegovina, Bulgaria, Croatia, Cyprus, Finland, France, FYROM, Georgia, Greece, Hungary, Iceland, Ireland, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Luxemburg, Malta, Mauritania, Moldova, Mongolia, Morocco, Netherlands, Norway, Portugal, Romania, Russia, Serbia, Spain, Switzerland,

Tajikistan, Turkmenistan, Turkey, Tunisia, UK, Ukraine, USA and Uzbekistan.

PROMITHEAS, the Energy and Climate Policy Network has until now members from ten countries (Albania, Armenia, Azerbaijan, Bulgaria, Georgia, Hellas, Moldova, Romania, Serbia and Ukraine). One of its activities is the PROMITHEAS-2 project funded by the FP6 of EU. Six (6) institutions, *Geotechnological Problems of Oil, Gas and Chemistry - GPOGC* from Azerbaijan, *Black Sea Regional Energy Centre - BSREC* from Bulgaria, *Energy Policy and Development Centre - KEPA* from Greece, *Institute of Power Engineering of the Moldovan Academy of Sciences - IPE* from Moldova, *Institute for Studies and Power Engineering - ISPE* from Romania and *Energy Saving and Energy Management Institute - ESEMI* from Ukraine participate at PROMITHEAS-2 with KEPA as the coordinator.

PROMITHEAS-2, Workshops

Scientific Workshop "*Electricity generation and emission trading in South Eastern Europe*", September 21, 2007 in Sofia (Bulgaria). The workshop topics include electricity generation technologies; mechanisms of emission trading based on the Kyoto protocol; EU electricity and gas markets; renewable energy sources and the use of biofuels; innovations in the CO₂ capture and storage technologies; optimisation of the security of energy supply; protection of the natural environment; climate change observations and protection measures; projects for the establishment of an international energy and climate cooperation network. Prof. Dr. *Jordan JORDANOV* – Specialist in Gas and oil, Prof. Dr. *Nikola KALOJANOV* –

Specialist in Heating and cooling, Prof. Dr. *Boncho BONCHEV* – Specialist in Thermal power plants, Prof. Dr. *Dimitar SIRAKOV* – Specialist in Meteorology, Prof. Dr. *Ivan IVANOV* – Specialist in Climate and Environment and Prof. Dr. *Lulin RADULOV* – Specialist in Power systems constitute the Scientific Committee of the Workshop.

More information available at:

http://www.kepa.uoa.gr/PROMITHEAS2_Workshop2.htm

Scientific Workshop "*Joint Implementation and Clean Development Mechanism among the BSEC countries*", November 9, 2007 in Kiev (Ukraine). The government of Ukraine accepted the proposal of KEPA for upgrading this workshop into a BSEC event. The workshop will focus on the role of Kyoto



mechanisms as climate policy instruments for Caspian and Black Sea countries. The event will offer the opportunity to recommend ways to overcome barriers, facilitate their implementation

and attach investments from other Annex I countries and especially EU.

More information available at:
http://www.kepa.uoa.gr/PROMITHEAS2_activities.htm

PROMITHEAS-2, Activities

The 3rd call for PROMITHEAS-2 scientific journal “Euro – Asian Journal of Sustainable Energy Policy” (in English and Russian language) is open and addressed to EU, BSEC and Central Asia researchers. **The best four papers published in the first two issues of the journal will receive an award of 600€ each.** Coverage of the journal includes energy and climate policy research issues.

More information available at:
http://www.kepa.uoa.gr/PROMITHEAS2_publications.htm

The e-class seminar procedure of PROMITHEAS-2 (English and Russian version) is completed. 53 researchers, young scientists, post graduate students and PhD candidates coming from Armenia, Azerbaijan, Belgium, Bulgaria, Georgia, Germany, Greece, Moldova, Romania, Russia and Ukraine participated at this first phase. The platform hosted the following two lessons:

- “Energy savings and emission reduction potential in three end-use sectors (residential, tertiary, industry)”, instructor **Dr. Athanasios DAGOUMAS** of the Aristotle University of Thessalonici (Greece). Seminar participants examined the energy savings, the emissions reduction and the earning from the implementation of new technologies in the end-use sectors (residential, tertiary, industry). With the use of MURE2 tool, the energy savings potential in the consumption side was examined, considering different scenarios for the diffusion and efficiency

of new technologies. This tool consists of different modules representing the end-use sectors.

- “Clean Development Mechanism projects”, instructor **Prof. Valetin ARION**, of the Technical University of Moldova. This seminar topic provided participants with wide information necessary to develop environmentally sound CDM projects. The topic addresses the following issues: the basic rules governing CDM, a step-by-step procedure in developing a CDM project and steer it through the approval process, key players, baseline and project concepts, project additionality, special features of small-scale CDM projects, monitoring plan basics.

The second phase of the seminar will take place during the second week of October 2007 in Athens (Greece). **Dr. DAGOUMAS** and **Prof. ARION** will continue their lessons with the examination of relevant case studies. One more instructor, **Dr. Konstantinos PERRAKIS** of RAE (Greece) will present the following subjects: “**Liberalised electricity markets**” (reasons for liberalisation, electricity sector models, wholesale electricity market models, main parameters affecting the design of wholesale markets, algorithmic issues) and “**Monitoring of wholesale electricity markets**” (market power, market monitoring methods and tools, international experience).

More information available at:
http://www.kepa.uoa.gr/PROMITHEAS2_seminar.htm

Presentation of PROMITHEAS-2 participants

Activities of IPE

Written by
 Prof. Mihail KIORSKAK,
 Director of the Institute
 of Power Engineering
 (IPE) of the Academy of
 Sciences of Moldova



The Institute of Power Engineering of the Academy of Sciences of Moldova (IPE ASM) was established in 1991, based on the Department of energy cybernetics. Its main scientific activity is focused on the development of new calculation and analysis methods

for the operating modes of Power Systems and Polices of Power Sector Development.

Its research directions include:

1. Long-term development planning and optimal operation of energy complex (development of national energy policy strategies and programs, elaboration of mathematical and simulation models);
2. Elaboration of new methods, devices, tools and equipment for increasing the efficiency of production, transmission, distribution and consumption of heat and electrical energy (phase shifting power transformers for power flow



regulation in electrical networks, automated equipment, solar converters and wind-mills adjusted to the climate conditions of Moldova).

Main achievements of these research directions are national programs for energy conservation and exploitation of renewable energy sources; theory and simulation model of the electromagnetic waves propagation in the multiphase transmission lines and non-homogeneous materials. IPE's research results in these directions are known and recognized.

The institute has a 65 member personnel among which are 35 scientific collaborators, 2 academicians, 7 doctors of science and 13 Phd candidates.

IPE cooperates closely with Institutes of theoretical and experimental physics of the Academy of Sciences of Moldova, the Moldavian Technical and State Universities, the Institute of Electrodynamics of the Ukrainian National Academy of Sciences, the Kiev Polytechnic Institute, the Moscow Power Institute, the

Sank-Petersburg Polytechnic Institute, the Technical University of Bucharest, etc. IPE participated in a number of international projects, the most important of which were:

- "Renewable Energy System for application in Romania" under the framework of INCO-COPERNICUS ICOP- DEMO 2171-1996;
- TACIS EMOL 9501;
- "Investigation of opportunity study of construction the power generation station working on natural gas in the south of the Republic of Moldova". Contract with REDECO (USA);
- "Policy Assistance to the State Department of Energy of the Republic of Moldova", E MOL 9502;
- "Climate Change" for Moldova, PNUD Project;
- "Energy Conservation Policies/ Strategy Development", 2002 SEETEC, Activity MOL-2601.

Events

▪ The 14th International "Caspian Oil & Gas" Exhibition & Conference were held in Baku (Azerbaijan) on 5th-8th June 2007 at the Sport & Exhibition Complex named Heydar Aliyev and the Hyatt Regency Hotel respectively. Both events had the official support of the Ministry of Industry and Energy of Azerbaijan Republic, State Oil company Socar, City Administration, the Chamber of Commerce and Industry of the Republic of Azerbaijan and diplomatic missions of exhibiting countries. The two day Conference had two main topics, one for each day, "*Azerbaijan's role in the sustainable development of the Caspian's oil and gas operations*" and "*Satisfying global Demand: Secure transportation routes for the Caspian's oil and gas supplies*". Participants discussed about the strategic development of Caspian Sea oil and gas operations; exploration and production of Azerbaijan's oil and gas operations; international cooperation and investment in the region; safe and reliable transportation of the Caspian Oil and Gas resources; Azerbaijan and Turkey as regional oil and gas transportation hubs and the alternative options; the Extractive Industries Transparency Initiative (EITI) – towards a global norm for revenue transparency; EITI: lessons Learnt/Next steps and finally EITI: Regional perspectives.

The speakers of the first plenary session of the first day were: **Matthew J. BRYZA**, Deputy Assistant Secretary, Department of State's Bureau of European and Eurasian Affairs of USA, Ambassador **Dr. Martin EICHTINGER**, Secretary General of the Austrian Federal Ministry of Economics and Labour, **Ms. Anita UTSETH**, Deputy Minister of the Royal Norwegian Ministry of Petroleum and Energy, **Mr.**

Hartmurt SCHNEIDER, Vice Minister of the German Federal Ministry of Economics and Technology, **Yusuf YAZAR**, Deputy Undersecretary of the Turkish Ministry of Energy and Natural Resources and **Mr. Bill SCHRADER**, president of BP Azerbaijan.

Mr. SCHRADER presented a detailed review of the on-going projects in Azerbaijan. He also mentioned that during 2007 the average level of oil production in ACG will exceed the 700,000 barrels per day, while the international consortium AIOC has reached the 800,000 barrels per day.

Mr. EICHTINGER, **Ms. UTSETH** and **Mr. SCHNEIDER** focused on the NABUCCO route and its significance for the EU energy security. NABUCCO is a relatively new route of 4,000 km supplying Europe with Middle Asia and Caspian gas through Georgia, Turkey, Bulgaria, Hungary and Austria. Its construction (by Austrian OMV, Hungarian MOL, Turkish BOTAS, Bulgarian Bulgargas and Romanian Transgas) has not started, but gas exploitation is planned to start in 2011-2012. 5 billion Euros is the initial financial estimation of this project. The perspective of an additional line that will include Azerbaijan, Iran, Iraq and Turkmenistan is extremely important.

This text was written by Dr. H. MELIKOV (GPOGC). More information available at: <http://www.caspianoilgas.co.uk/>

▪ The "1st South East Europe Energy Dialogue", was held by the Institute of Energy for South-east Europe (IENE) in Thessalonica (Greece) on June 28-29, 2007. The purpose of this meeting was to bring together high-ranking governmental officials, senior business executives and energy experts from the countries of South East (SE) Europe. **Prof.**



Dimitrios MAVRAKIS (KEPA) focused on the "Energy prospects in South East Europe (SEE)" and proposed a phased approached solution concerning the development of a Regional Energy Market (REM) in SEE. A regional wholesale market could be promoted with the establishment of a non-governmental, non-profit, non-discriminatory Regional Intermediary Energy Organization (RIEO)

based on regionally allocated production and transmission capacity with standardized and transparent rules and procedures. **Prof. Dimitrios MAVRAKIS** stressed on the fact that such a market would facilitate investments of regional character.

More information available at: <http://www.iene.gr> and <http://www.kepa.uoa.gr>

Upcoming events

- **2nd International Workshop on "Energy Performance and Environmental Quality of Buildings" (EPEQUB 2007)**, will be held on July 12-13, 2007, at Milos Conference Center - George Eliopoulos (Milos island, Greece). More information available at <http://milos.conferences.gr/epequb2007>.
- **DECX2007 – Decentralized Energy Conference and Expo**, will be held on September 25-26, 2007, at Amsterdam (Netherlands) at the Moevenpick Hotel. More information at: <http://www.decx-europe.com>
- **ELECO2007, 5th International Conference on Electrical and Electronics Engineering**, will be held on December 5-9, 2007 at Bursa (Turkey). The conference is organized by the chamber of Turkish Electrical Engineers, the Uludağ University, Istanbul Technical University, IEEE Turkey section and TÜBİTAK. More information available at: <http://elecoconf.org>

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The newsletter has been prepared by Popi KONIDARI, KEPA.



ANNEX III: List of recipients

Country	Name of organization	Number of recipients
Albania	Albanian Electricity Regulatory Authority (ERE)	2
	Albania-EU Energy Efficiency Centre (EEC)	2
	Albanian Power Corporation (KESH)	1
	BSEC Working Group on Energy	2
	BSEC Business Council	1
	Ministry of Economy, Trade & Energy	3
	Ministry of Education and Science	1
	Ministry of Environment, Forest and Water Administration	3
	National Agency of Energy	1
	Polytechnic University of Tirana	6
	University of Tirana	2
	UNDP in Albania	1
	Others	3
	Total number per country	28
Armenia	Agribusiness Teaching Center, USDA/AAA	1
	American University of Armenia	4
	Armenian Center for National & International Studies	1
	BSEC Business Council	1
	BSEC Working Group on Education	2
	BSEC Working Group on Energy	1
	CJSC "Scientific Research Institute of Energy", Electric Power Laboratory	1
	Energy Strategy Centre	1
	Institute of Hydroecology and Ichthyology, NAS RA	1
	Institute for Informatics and Automation Problems of NAS	1
	Ministry of Nature Protection	4
	National Academy of Sciences of Armenia	5
	NGO E3 - Energy – Ecology - Economy	1
	State Engineering University of Armenia	5
	Russian – Armenian (Slavonic) University	3
	Yerevan State University	2
	E3 E-cube Round table	1
Others	3	
Total number per country	38	
Austria	Austrian Exchange Service (ÖAD)	1
	Austrian Research Promotion Agency	2
	Bureau for International Research and Technology Cooperation	1
	Carinthia Tech Institute - University of Applied Sciences	1
	Ministry for Education, Science and Culture	1
	Montane University Leoben	1
	Universitaet Wien	1
	Total number per country	8
Azerbaijan	AMEC company	1
	Azocolab	1
	Azerbaijan Engineering Academy	3
	Azerbaijan Research Educational Network Association	1
	Azerbaijan State Oil Academy	12
	Azerbaijan State Petroleum Academy	1
	Azerbaijan Technical University	1
	Azerenerji JSC	1
	Baku Ecology and Natural Resources Department	1
	Baku State University	3

Country	Name of organization	Number of recipients
Azerbaijan	Bayil Limani OGPD	1
	BP Azerbaijan	2
	BSEC Working Group on Energy	1
	BSEC Business Council	1
	Caspian Environment Program	1
	Gas refinery plant	2
	GPOGC	17
	Halliburton company	1
	Institute of Geography, Academy of Sciences	1
	Institute of Mathematic and Cybernetic	1
	Institute of Photobiology	1
	International Bank of Azerbaijan	1
	ITE Group, Caspian Region	1
	ITECA	1
	Itochu Oil Exploration	1
	John Brown Azerbaijan	2
	JSC Azerigas	1
	Khazar University	1
	Lucoil	1
	McDermott Caspian Contractors	1
	Ministry of Commerce	3
	Ministry of Ecology and Natural Resources	3
	Ministry of Economic Development	1
	NAS, Institute of Physics	1
	National Academy of Sciences of Azerbaijan	1
	National Information Point of FP6 Programme in Azerbaijan	1
	NGO Ekoil Scientific Enviromental Societe	1
	Qafqaz University	1
	SHAMAKHY ASTROPHYSICAL OBSERVATORY	1
	SOCAR	4
	State Agency	1
	Technical Assistance to Armenia, Azerbaijan, Georgia and Moldova with respect to their Global Climate Change Commitments	4
	Others	2
Total number per country	88	
Belarus	Belarus State University of Informatics & Radio-electronics	1
	Ministry of Foreign Trade & Economic Relations	1
	Ministry of Physical Planning and Environment	1
	National Academy of Sciences of Belarus	2
	State Energy Regulatory Commission (SERC)	1
	Total number per country	6
Belgium	AWI - Ministerie van de Vlaamse Gemeenschap	1
	Brussels Relocation and Interfacing Network for Scientists	1
	Centre for European Policy Studies (CEPS)	1
	Climate Action Network Europe (CAN Europe)	1
	Communauté française de Belgique, Service général de l'audiovisuel et des multimédias/Secrétariat général	1
	Council of European Energy Regulators	1
	Energy Charter Secretariat	1
	EREF	2
	Euroelectric	1

Country	Name of organization	Number of recipients
Belgium	European Union of the Natural Gas Industry (EUROGAS)	1
	Ministère de la Communauté française DGENORS	1
	Ministerie van de Vlaamse Gemeenschap, Administratie Wetenschap en Innovatie	1
	OSTC (Federal Office for scientific, technical and cultural affairs)	1
	Scientific and Technical Information Service (STIS), Belgian Federal Science Policy Office	1
	UWE, Economie-R&D	1
	Total number per country	16
Bosnia & Herzegovina	Center for Economic, Technological & Environmental Development (CETEOR)	1
	Center for Energy, Environment and Resources (CENER 21)	1
	Energy Institute Hrvoje Pozar	1
	Ministry of Foreign Trade & Economic Relations	1
	Ministry of Physical Planning and Environment	3
	Ministry of Spatial Planning, Civil Engineering and Ecology	1
	University of Zagreb, Faculty of Electrical Engineering & Computing	1
	Others	1
	Total number per country	10
Bulgaria	BAS - Central Governing Body	1
	BAS - Institute of Polymers	1
	BSEC Business Council	2
	BSEC Working Group on Education	1
	BSEC Working Group on Energy	4
	BSREC	2
	Bulgargas-Holding	1
	Bulgarian – Greek Legal Club	1
	BULGARIAN WEC COMMITTEE	1
	Central Lab of General Ecology, Dpt. Of Biodiversity	1
	CENTRAL LABORATORY OF SOLAR ENERGY AND NEW ENERGY SOURCES	1
	EGL Bulgaria EAD	1
	Electrical Distribution Sofia	1
	Energy Institute JSC	1
	Energy Partners AD	1
	Environmental Association "Za Zemiata"	1
	ESD	1
	Geological Institute	1
	Institute of Oceanology, Bulgarian Academy of Sciences	2
	Information Society and Information Technologies Directorate, State Agency for Information Technology and Communications	1
	Lilia HIV – engineering company	1
	Ministry of Economy, Labor & Entrepreneur	3
	Ministry of Education and Science	1
	Ministry of Environment and Water	3
	Ministry of Transport and Communications	1
	National Centre of Agricultural Sciences	1
	National Dispatching Center	1
National Institute of Meteorology and Hydrology	3	
Sofia Energy Agency (SOFENA)	2	
SOFIA ENERGY CENTRE LTD.	1	

Country	Name of organization	Number of recipients
Bulgaria	Sofia University, Centre for Information Society Technologies	1
	Sofia University St. Kliment Ohridski , Faculty of Economics and Business	1
	State Agency for Information Technology and Communication	1
	Technical University of Sofia	3
	Technical University of Gabrovo	1
	Technical University of Varna	4
	Varna Free University	2
	University of Shoumen	1
	Others	2
	Total number per country	59
Croatia	Croatian Energy Regulatory Agency (CERA)	1
	EKONERG- Energy Research and Environmental Protection Institute	4
	Ministry of Science, Education and Sports (MZOS)	1
	PLINACRO Ltd	1
	Total number per country	7
Cyprus	Ministry of Agriculture, Natural Resources and Environment	1
	Research Promotion Foundation	1
	University of Cyprus	2
	Total number per country	4
Czech Republic	Technology Centre AS CR	1
	Ministry of Informatics, European Integration and International Cooperation Department	1
	Total number per country	2
Denmark	Danish Environmental Protection Agency	1
	EuroCenter Ministry of Science, Technology and Innovation, c/o Danish Technological Institute	2
	International Network for Sustainable Energy (INFORSE)	1
	Total number per country	4
Egypt	Cairo University	1
	Total number per country	1
Estonia	Archimedes Foundation, Innovation Centre	2
	Estonia Science Foundation	1
	Total number per country	3
Finland	Academy of Finland	1
	Ministry of Education, Senior Adviser	1
	TEKES - National Technology Agency of Finland	2
	University of Helsinki	2
	Total number per country	6
France	Centre International de Recherche sur l'Environnement et le Developpement (CIRED)	1
	Centre national De la Recherche Scientifique (CNRS)	4
	CPU (Conférence des présidents d'université)	2
	IFREMER	1
	Observatoire Méditerranéen de l'Energie (OME)	1
	School of Industrial Systems Engineering- EIGSI	2
	Services du Premier ministre, Direction du développement des médias	1
	Total number per country	12

Country	Name of organization	Number of recipients
FYROM	ICEIM-MANU	2
	Ministry of Economy	3
	Ministry of Education and Science (MPIN)	1
	Ministry of Environment and Physical Planning (MEPP)	1
	MEPP, Climate Change Project Unit	1
	Research Center for Energy, Informatics & Materials (ICEIM), Macedonian Academy of Sciences and Arts (MANU)	2
	Total number per country	10
Georgia	BSEC Working Group on Energy	1
	BSEC Business Council	1
	Dpt.of Power Engineering and Electric Machines	1
	Energy Efficiency Centre of Georgia	1
	Georgian International Oil Corporation (GIOC)	1
	Georgian National Electricity Regulatory Commission (GNERC)	1
	Georgian Technical University	1
	Georgian University of Social Sciences	1
	Georgian Wholesale Electricity Market	1
	Institute of Hydrometeorology of Georgia	1
	M. Nodia Institute of Geophysics	1
	Ministry of Education and Science of Georgia	1
	Ministry of Environment and Natural Resources Protection	6
	The Global Observation Research Initiative in Alpine Environments	3
	Others	1
Total number per country	22	
Germany	Alexander von Humboldt-Stiftung	1
	Fraunhofer, Institute Systems and Innovation Research	1
	FREIE University	1
	German Electricity Association (VDEW)	1
	German Emissions Trading Association (BVEK)	1
	MAX PLANCK GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN E.V.	1
	UFZ-Umweltforschungszentrum Leipzig-Halle GmbH	1
	UNIVERSITAET BREMEN	1
	University of Bielefeld, Institute for Science and Technology Studies (IWT)	1
	University of Stuttgart, Institute of Energy Economics and the Rational Use of Energy (IER)	1
	Wuppertal Institute for Climate, Environment and Energy	1
	Zenit GmbH, Bismarckstr, National Contact Point	1
	Total number per country	12
	Greece	Aegean University, Department of Environmental Physics
ATHINA 9.84		1
ABB		2
ACTION FOR BUSINESS-CONSULTING SERVICES		1
AERIO ATTIKIS		3
AFCO		1
AKTOR		1
ALPHA		4
ALTER		1
American-Hellenic Chamber of Commerce		2
ANTENNA		3
Aristotle University of Thessaloniki		2

Country	Name of organization	Number of recipients
Greece	Athens News Agency	2
	AUTH	1
	Azerbaijan embassy	1
	AXIMA SA	1
	BLACK SEA TRADE AND DEVELOPMENT BANK	1
	BP Hellas S.A.	2
	BSEC Working Group on Education	10
	BSEC Business Council	1
	Center for Renewable Energy Sources (CRES)	3
	Central port Authority of Thessaloniki	1
	CH & D. Orfanidis SA	1
	COCALIS-PSARRAS LAW FIRM	1
	Consulate general of Romania in Thessaloniki	1
	Consulate general of Russia in Thessaloniki	1
	CONSULATE GENERAL OF THE REPUBLIC OF TURKEY IN THESSALONIKI	1
	COPELOUZOS	1
	CRES	1
	DAEDALUS INFORMATICS LTD	1
	DEPA	5
	DESMIE	1
	DRAXIS KOSMIDIS E. SYMEONIDIS P. OE,	1
	EGL HELLAS SA	2
	Embassy of Bulgaria in Athens	1
	Embassy of Switzerland in Athens	1
	Embassy of People's republic of China	3
	Energeiaki Thessalonikis	1
	Euroconsultans SA - Thessaloniki	1
	EXPRESS	1
	ETHNOS	2
	ELEUTHEROTIPIA	2
	ELPE	5
	ENVECO	1
	Europe 1 – TV Channel	1
	EXERGIA SA	1
	FLOW	1
	General consulate of Bulgaria in Thessaloniki	1
	GMMA LARCO	1
	Greek Parliament	50
	Hellenic association for Cogeneration of Heat & Power	1
	Hellenic Association of Strategic Studies	1
	Hellenic Centre for European Studies	1
	Hellenic Foundation for European and Foreign	1
	Hellenic Petroleum SA	5
	HELP-FORWARD Network (Diktyo PRAXI)	1
	HMERISSIA	3
	HSS	1
	IENE	3
Institute of International Relations	1	
Institute for Strategic and Development Studies A. Papandreou	1	
Institute of Environmental Research and Sustainable Development, National Observatory of Athens	1	

Country	Name of organization	Number of recipients
Greece	Institute of Oceanography, National Centre for Marine Research	1
	INTERMAS	1
	IOBE	1
	IRAJ	1
	ISBCC (DIKEMEP)	5
	J/V HELPE S.A.- THRAKI S.A.	1
	Joint VENTURE	1
	KEPA	9
	KERDOS	1
	KOSMOS TOY EPENDYTH	2
	LDK Consultants, Engineers & Planners	1
	MEGA	1
	METKA SA	1
	Ministry of Development	24
	Ministry of Environment, Physical Planning and Public Works	1
	Ministry of Foreign Affairs	4
	Ministry oh National Education and Religious Affairs	1
	MOTOR OIL	1
	Mytilineos Power Generation and Supply	1
	National Bank of Greece	1
	National Center for Scientific Research "Demokritos", MESL-Material & Membranes for Environmental Applications Laboratory	1
	National Documentation Center	3
	National Observatory of Athens	1
	NAUTEMPORIKI	1
	ND PARTY	1
	NET	1
	Network LTD Consulting group	1
	NKUA	1
	NKUA, Department of Informatics and Telecommunications	42
	NKUA, Department of Physics	2
	NTUA, Department of Chemical Engineering	5
	NTUA, Department of Electrical and Computer Engineering	2
	NTUC, Department of Chemical production and management	6
	NTUC, Department of Production Engineering & Management	1
	PABSEC	2
	PASOK	1
	PEGASUS	1
	Perifereia Attikis	1
	Perfecture Authority of Thessaloniki	1
	Petrola Hellas	1
	Press Group Makedoniki	1
Prometheus GAS SA	1	
Power Public Cooperation	57	
Regulatory Authority for Energy (RAE)	3	
ROKKAS	1	
Russian Federation embassy	1	
S&P	1	
SEB	1	
SKAI 100.3	1	
TA NEA	2	

Country	Name of organization	Number of recipients
Greece	Technical Chamber of Greece	1
	Technological Educational Institute of West Macedonia	1
	Technological Educational Institute of Kavala	1
	TERNA Energy SA	3
	Thessaloniki Power SA	2
	Titan Cement CO SA	2
	TO BHMA	2
	TO KAPODISTRIAKO	1
	UK Embassy	3
	USA Embassy	2
	XANIOTIKA NEA- ELEY8EROTYPIA	1
	University of Macedonia	1
	University of Piraeus, Department of Informatics	1
	University of Thessaly (Greece), Department of Computer & Communication Engineering	1
	US Consulate General	2
	Others	12
Total number per country	395	
Hungary	Computer and Automation Research Institute Hungarian Academy of Sciences, Laboratory of Operations Research and Decision Systems	1
	Hungarian Association of Content Industry (MATISZ)	3
	Ministry of Education, Research and Development Division	2
	Total number per country	6
Iceland	RANNIS - The Icelandic Centre for Research	2
	Research Liaison Office of the University of Iceland – Marie Curie	1
	University of Iceland, Research Liason Office – National Contact Point	1
	Total number per country	4
Iran	Center for Environment and Sustainable Development Studies and Application (CENESTA)	1
	Department of the Environment	1
	International Institute for Caspian Studies	1
	Journal of Industrial Engineering International	1
	Total number per country	4
Ireland	Enterprise Ireland, International Science & Technology Department	1
	Irish Universities Association	2
	National Delegate of Ireland in Energy for FP7	2
	National Delegate of Ireland in Environment for FP7	1
	Total number per country	6
Israel	ISERD –The Israeli Directorate for the EU Framework Programme	1
	Total number per country	1
Italy	Consiglio Nazionale Delle Ricerche	1
	European University Institute (EUI)	1
	Universita Ca Foscari Venezia	10
	Universita de Napoli Federico II	1
	University Luigi Bocconi, Institute of Energy and Environment Economics and Policy (IEFE)	1
	Total number per country	14

Country	Name of organization	Number of recipients
Kazakhstan	Climate Change Coordination Centre (C4)	2
	East Kazakstan Technical University named after Serikbaev	2
	Information-Analytical Centre of Environmental Protection	1
	Institute of Geology	1
	Institute of Mining	2
	Innovative University of Eurasia	4
	Kazakh Research Institute for Ecology and Climate	1
	Kazakh National University named after Al-Farabi	2
	KIMER (Kazakhstan Development Center)	1
	Kyzyl-Orda State University named after Korkyt	2
	Ministry of Energy, Industries and Trade	1
	Ministry of Environmental Protection	1
	Ministry of Foreign Affairs	1
	National Academy of Sciences	1
	National Center of Earth Sciences	2
	National Engineering Academy	2
	Pavlodar State University named after S. Toraigyrova	2
	Renewable Energy and Energy Saving Issues Institute	1
	Scientific National Library	2
	South-Kazakstan State University named after Auezov	2
State Customs Committee	1	
Taraz State University named after Dulati	2	
The Global Observation Research Initiative in Alpine Environments	1	
West-Kazakstan State University after Makhambet Utemisov	2	
Others	2	
Total number per country		41
K o s o v o	UNMIK, Energy Regulator	1
	Total number per country	1
Kyrgyzstan	Enabling Kyrgyzstan to Prepare its SNC	1
	Kyrgyz-Russian Slavic University	1
	Ministry of Environment and Emergencies	1
	Ministry of Foreign Affairs	1
	Ministry of Industry & Foreign Trade	1
	Social Policy Department, of the Presidential Administration, Government House	1
	State Customs Inspection	1
	Total number per country	7
Latvia	Institute of Biology	1
	Ministry for Electronic Government Affairs, Secretariat of Special Assignments	1
	University of Latvia	1
	Total number per country	3
Licht enste in	Amt fur Volkswirtschaft	1
	Total number per country	1
Lithuania	Information Society Development Committee under the Government of Republic of Lithuania, Inforation and EU issues division	1
	Agency for International Science and Technology Development Programmes	2
	Science and Technology Park	1
	Total number per country	4

Country	Name of organization	Number of recipients
Luxemburg	Luxinnovation GIE, National Agency for Innovation and Research	2
	Ministère de l'Etat, Service des Médias et des Communications	1
	Total number per country	3
Malta	International Ocean Institute - Malta Operational Centre (IOI-MOC)	1
	Malta Council for Science and Technology	1
	University of Malta	1
	Total number per country	3
Mauritania	Directorate of Environment	1
	Total number per country	1
Moldova	Academy of Sciences of Moldova (ASM)	1
	BSEC Business Council	1
	BSEC Working Group on Energy	1
	Center of Optoelectronics of the Institute of Applied Physics, Academy of Sciences of Moldova	2
	Central Ecological Laboratory	2
	Climate Change Office	2
	Company <Union Fenosa>	2
	Government of Republic Moldova	1
	Institute of Ecology and Geography of the Academy of Sciences	1
	Institute of Applied Physics, ASM	1
	Institute of Energy of ASm	1
	Institute of Power Engineering (IPE)	8
	Ministry of agriculture	1
	Ministry of Ecology and Natural Resources	4
	Ministry of Industry	1
	National Contact Point on FP7, ASM	1
	National Energy Agency , ANRE	1
	State Hydrometeorological service	1
	Technical University of Moldova	7
Total number per country	39	
Mongolia	Energy Conservation and Environmental consulting Co Ltd	1
	National Agency for Meteorology, Hydrology and Environmental Monitoring of Mongolia	1
	National University of Science and Technology	1
	Total number per country	3
Morocco	CDER	1
	Groupe d'études et de recherches sur les énergies renouvelables et l'environnement (GERERE)	2
	Total number per country	3
Netherlands	CAP SD Capacity for Sustainable Development, Energy and Climate Consultants	1
	Energy research Centre of the Netherlands (ECN)	2
	Senter Novem	2
	Senter Novem/EG-Liaison	1
	University of Groningen, Department of Economics and Public Finance (ECOF)	1
	University of Groningen, Faculty of Economics	1
	VSNU	1

Country	Name of organization	Number of recipients
	Leiden University	1
	Total number per country	10
Norway	Center for International Climate and Environmental Research	1
	IM SAKUGEN	1
	Norwegian University of Science and Technology NTNU, Department of Electrical Power Engineering	1
	Research Council of Norway	2
	STIFTELSEN NANSEN SENTRE FOR FJERNMAALING	1
	Total number per country	6
Poland	Institute of Fundamental Technological Research, Polish Academy of Sciences	1
	Institute of Environmental Protection	1
	Total number per country	2
Portugal	FCT	1
	Total number per country	1
Romania	Arad City Hall	1
	Baia Mare City Hall	1
	Brasov City Hall	1
	BSEC Business Council	2
	BSEC Working Group on Education	2
	BSEC Working Group on Energy	4
	Bucharest City Hall	1
	C.N. Transelectrica S.A	1
	Cluj Napoca City Hall	1
	Constanta City Hall	1
	"Constantin Brancusi" University, Heat and Power Department	1
	Electrica SA	2
	Energy Research and Modernisation Institute (ICEMENERG)	7
	Energy Review	1
	ENINVEST	1
	EROM CONSULT SRL	1
	Hidroelectrica S.A.	1
	ICPE S.A	1
	Institute for Studies and Power Engineering (ISPE)	14
	Institute of Hydroelectric Studies and Design	1
	Kaerner IMGB SA	1
	Ministry of Economy and Commerce	3
	Ministry of Education and Research	4
	Ministry of Environment and Waters Management	4
	Ministry of Interior and Administration	1
	MITHOS Energy Consultants	1
	National Authority for Scientific Research (Ministerul Educatiei si Cercetarii, Autoritatea Nationala pentru Cercetare Stiintifica)	1
	NATIONAL ENVIRONMENTAL PROTECTION AGENCY (ANPM)	1
	National Hard Coal Company Petrosani	1
	National Regulatory Authority in Natural Gas Sector (ANRGN)	2
	National Research and Development Institute for Environmental Protection (ICIM Bucharest)	1
	Oradea City Hall	1
	OVM – ICCPET	1
"Ovidius" University of Constantza	1	

Country	Name of organization	Number of recipients
Romania	Petrom S.A.	1
	Romanian Agency for Energy Conservation (ARCE)	2
	Romanian Energy Policy Association (APER)	1
	Romanian Energy Regulatory Authority (ANRE)	2
	Romanian Power Market Operator (OPCOM)	22
	S.C. Electrica S.A.	1
	Satu Mare City Hall	1
	SC FIMAN Development Services S.A.	1
	Sibiu City Hall	1
	Suceava City Hall	1
	Termoelectrica S.A.	1
	The Global Observation Research Initiative in Alpine Environments	1
	Timisoara City Hall	1
	TRANSGAZ	1
	UNIVERSITATEA PETROL - GAZE DIN PLOIESTI	1
	University 'Babes Bolyai' of Cluj-Napoca, Faculty of Geography	1
	University „Dunarea de Jos” GALAȚI, Romania	1
	University Politehnica of Timisoara	1
	University of Oradea	2
	University Politehnica of Bucharest	10
	University Politehnica of Timisoara	2
	Valahia University -Targoviste - Energy and Environment Department	4
Total number per country	127	
Russian Federation	Amur State University	1
	ANO "Russian Demonstration Zones of High Energy Efficiency"	1
	Bakh Institute of Biochemistry of the RAS	3
	Belgorod State University	3
	BSEC Business Council	2
	BSEC Working Group on Education	1
	BSEC Working Group on Energy	7
	Canada Eurasia Russia Business Association	3
	Caspian Marine Research Center	1
	Central Aerohydrodynamic Institute (TsAGI)	4
	Central Black Soil Regional Information Point for Scientific and Technological Cooperation with EU	2
	Central Research Institute for Machine Building (TsNIIIMASH)	2
	Centre for Science Research and Statistics (CSRS)	2
	CINTECH (Centre for Intelligent Technologies)	1
	Department for International Cooperation	1
	Department of radiophysics and radioecology, Kuban State University	1
	Design and Research Institute «Energosetiproekt»	2
	Dpt. Of Applied Mathematics and Mechanics, Southern Scientific Center of Russian Academy of Sciences	1
	Economic Faculty of Moscow State University	1
	Electropower Adviser of the Community of Independent States	1
	Electropower Adviser of the Executive Committee of Independent States Community	1
	Electrotechnical Equipment Factory	1
	Energy Carbon Fund (ECF)	1
Executive Committee of the Community of Independent States	1	
Federal State Unitary Enterprise «CAPIHOT»	1	

Country	Name of organization	Number of recipients
Russian Federation	Federal Service of Russia for Hydrometeorology and Environmental Monitoring	1
	Foundation for Assistance To Small Innovative Enterprises (FASIE)	1
	FSK EUROPEAN ECONOMIC COMMUNITY " Department NTP and International Cooperation	1
	Geoecology Department, Kuban State University	1
	Gubkin Oil&Gas University Moscow	1
	State University -Higher School for Economics (HSE)	2
	Innovative and Technological Center "Bioactive compounds and their applications" of the RAS	1
	Institute of Numerical Mathematics of RAS	1
	Institute of Operating Systems, IST NCP of the Russian Federation	1
	Institute of the Scientific and Technical Information.	1
	Institute for System Analysis of the RAS	1
	International Ocean Institute Operational Centre of Caspian Sea	1
	International Power Academy	2
	Joint-stock company "ENIN" Power Institute G.M. Krgiganovski	1
	Lomossov Moscow Sate university	1
	MEI	1
	Ministry of Science & Education	1
	NIA Priroda	1
	North Caucasian Institute of Mining and Metallurgy	5
	Novocheboksarsk Polytechnical Institute	1
	Novosibirsk electrotechnical institute (НЭТИ)	1
	Organic Software ("OSW")	1
	REGIONAL POWER COMMISSION	1
	Russia Research Institute of Foreign Economic Relations	1
	Russian Federal Service for Hydrometeorology and Environmental Monitoring (Roshydromet)	1
	Russian Research Institute of Electric Power Engineering (VNIIE)	1
	Russian Research Institute of Power , Department of High-Voltage Lines and Electric Equipments of Substations	1
	Scientific Center of Power Management	1
	Scientific Industrial Association SATURN	1
	Scientific Research Institute for Mechanics and Applied Mathematics	1
	Shubnikov Institute of Crystallography of the RAS	1
	Siberian Department of the Central Dispatcher Center of the Integrated Power Systems	1
	Siberian Institute of Power Energy,	2
	South - Russian State Technical University	1
	South Ural Isolator Factory	1
	Taganrog State university of Radio Engineering	2
	Tambov State University, Laboratory for algebraic computation	1
	Technology Transfer Center, Moscow State Technological University "STANKIN"	1
	The Global Observation Research Initiative in Alpine Environments	1
	THE MOTOR GROUPS, The scientific and technical company	2
The Russian Academy of Science, "EUROPEAN ECONOMIC COMMUNITY of Russia , Research Institute of Electric Power Engineering	1	

Country	Name of organization	Number of recipients
Russian Federation	Tomsk Polytechnical University	1
	UNEP/GRID-Moscow	1
	Ural State Technical University	1
	Voronezh State University	1
	Others	5
	Total number per country	103
Serbia	BSEC Working Group on Education	2
	BSEC Working group on Energy	1
	Institute of Nuclear Sciences "Vinca", Belgrade	1
	Institute of Physics	5
	Ministry of Mining & Energy of Serbia	1
	Ministry of Science and Environmental Protection	3
	Faculty of Chemistry, Belgrade	1
	PE Electric Power Industry	1
	Serbian Academy of Science and Arts	1
	University of Belgrade	1
	University of Belgrade, Faculty of Agriculture	1
	University of Belgrade, Faculty of Mechanical Engineering	1
	University of Belgrade, Faculty of Mining & Geology	1
	University of Belgrade, Faculty of Technology and Metallurgy	1
Total number per country	21	
Slovakia	FEMIRC Slovakia	1
	Ministry of Education	1
	Technical University in Kosice	1
	Total number per country	3
Slovenia	Environmental agency of the Republic of Slovenia	2
	Ministry of Education, Science and Sport	2
	Total number per country	4
Spain	CSIC Ministry of Education and Science, Responsable de Relaciones Internacionales del CINDOC C	1
	Ministerio de Educación y Ciencia, Secretaría General Política Científica y Tecnológica	1
	Ministry of Industry, Tourism and Commerce, Secretary of State for Telecommunications C	1
	University of Lisbon, Departamento de Estatística e Investigação Operacional	1
	University of Malaga, Department of Applied Economics (Mathematics)	1
	University of Oviedo, Departamento de Economía Cuantitativa	1
	Total number per country	6
Sweden	EU R/D Council	1
	Mobility Centre Sweden, VINNOVA	1
	Swedish Environmental, Protection Agency, (Naturvårdsverket)	1
	Swedish Meteorological and Hydrological Institute (SMHI)	1
	University of Göteborg (GU)	1
	Total number per country	5
Switzerland	Euresearch	1
	Total number per country	1

Country	Name of organization	Number of recipients
Tajikistan	Agency on Hydrometeorology	4
	Nuclear and Radiation Safety Agency (Regulatory Authority) of the Academy of Sciences of Tajikistan	1
	Research Laboratory for Nature Protection	1
	Ministry of Industry	1
	TAJIKISTAN INTERNATIONAL UNIVERSITY	2
	Technological University of Tajikistan	1
	Total number per country	10
Tunisia	Ministry of Environment and Sustainable Development	1
	National Agency for Energy Conservation	2
	Total number per country	3
Turkey	Ankara University	1
	Ankara University Technology Development Center	1
	Black Sea Technical University Technology Development Center	1
	Bocazici University, Institute of Environmental Sciences	1
	Bocazici University, Institute for Graduate Studies in Science and Engineering	1
	BSEC Business Council	2
	Earth and marine Sciences Institute TÜBITAK MRL	1
	Energy Institute	1
	Eskisehir Osmangazi University, Faculty of Architecture and Engineering, Department of Geological Engineering	1
	Fuel Cell R&D, UNIDO-ICHET	1
	Institute of Marine Sciences, Middle East Technical University (METU)	1
	Instabul University	1
	Istanbul Technicak University Technology Development Center	1
	KARTET, Karadeniz, Tortan Elektrik Ticareti	1
	Ministry of Energy and Natural Resources	2
	Ministry of Environment and Forestry	7
	Petroleum Pipeline Corporation	5
	The Institute for Graduate Studies in Social Sciences	1
	TR1: TUBITAK EU 6th Framework National Coordination Office	4
	Turkish Association of Petroleum Geologists	1
	Turkish Academy of Sciences	1
	Turkish Electricity Transmission Company	2
	Others	3
Total number per country	41	
Turkmenistan	Institute of Chemistry	1
	Ministry of Nature Protection Research and Production Centre of Ecological Monitoring	1
	Ministry of Trade & Foreign Economic Relations	1
	Research - Production Center of Ecological Monitoring (RPCEM), Ministry of Nature Protection	1
	Turkmen State University	1
	Total number per country	5
Ukraine	Agency for Rational Energy Use and Ecology	1
	Alternative Fuels Center	1
	Arena - ECO	1
	Botanical Garder I. Michnikov Odessa National University	1
	BSEC Business Council	2
	BSEC Working Group on Energy	2

Country	Name of organization	Number of recipients
Ukraine	Centre for wind energy in National cademy of Sciences	1
	Center of Coal Energy Technologies, National Academy of Sciences, Ministry of Fuel and Energy	1
	Centre of municipal management	1
	Closed Joint Stock Company "International Investment Company "Interinvestservice"	1
	Corporation "Energotek"	1
	Design and Research Institute Energosetiproekt	1
	Dniprodzerzhynsk Technical University	1
	Dnipropetrovsk State Agrarian University	1
	Donbass State Technical University	1
	Ecology Media Group	1
	Ecopravo-Kharkiv NGO	1
	Ecoprom company	1
	Ecoterm	1
	Electrodinamic Institute of Ukraine Academy of Sciences	1
	Energomashproject	2
	ENERGOTEHPROM	1
	Energy Efficiency League of Ukraine	1
	Energy Saving and Energy Management Institute (ESEMI)	4
	ESCO-Kharkiv	1
	Foundation for the development of Environmental & Energy Markets (FDEEM)	1
	Gasturbinmash	1
	Harkov Politechnical Institute	1
	Harkov State Technical University of Agriculture	1
	Industrial Union <<ENERGY>>	1
	Information Centre on Ukraine-EU S&T Cooperation	1
	Insolar	1
	Institute for Sustainable Development	1
	Institute of coal energy technologies	1
	Institute of Economic Forecasting, NAS	1
	Institute of Energy, National Academy of Sciences	2
	Institute of Engineering Ecology	1
	Institute of Gas, National Academy of Sciences	1
	Institute of General Energy of Ukraine	1
	Institute of modelling problems in energy	1
	Institute of Renewable Energy Source & Engineering of Ukrainian Construction Academy	1
	Institute of technical heat and physics	1
	International centre of energy efficient technologies	1
	Joint-stock company UKRTRANSNAFTA	2
	JSC "Ukranalit"	1
	Karazin Kharkov National University, Research Institute of Biology	1
	Kyivenergo	1
	Landis and Gyr	1
	Marine Hydroecology Institute, National Academy of Sciences	1
Marine Hydrophysical Institute	1	

Country	Name of organization	Number of recipients
Ukraine	Ministry of Education and Sciences, Ukraine, Ujghorod National University	1
	Ministry of Environmental Protection	2
	Ministry of Fuel and Energy	2
	Ministry of fuel and power "Ukrenergomerejproiect"	1
	National Academy of Sciences of Ukraine	2
	National Aerospace University "Kharkov Aviation Institute"	2
	National Aerospace University "Kharkov Aviation Institute", Department of Information Technology Aerospace Control Systems Faculty	1
	National Agricultural University	1
	National Ecological Centre of Ukraine	2
	National Environmental Center	1
	National Institute for Strategic Studies, Kyiv, Ukraine	1
	National Technical University	2
	NGO "Ecoforest"	1
	Odessa National University	1
	Odessa National Polytechnical University	1
	OJSC "Dniproenergo"	1
	Point Carbon	1
	Priazovskiy Sate Technical University, Department of Physics	1
	Priazovskiy Sate Technical University, Industrial Energy Power Supply Department PSTU	1
	Prostir ZET	1
	Public Council at the Ministry of Ecology and Natural Resources	1
	Regional Environmental Center in Ukraine	1
	Scientific centre "Biomass"	1
	State company "Ecoenergoprom", Ministry of Fuel and Energy	1
	STEPS Center of the National Academy of Sciences	1
	Support and Strengthen the Energy market reform and Assessment of Energy Sector Sustainability	1
	Tebodin Ukraine	1
	TECHENERGO	1
	Technical University of Vinitza, Electrical Power Plants and Systems Department	1
	The Institute of Engineering Thermophysics, NAS of Ukraine	1
	UEA "Zelenii Svit"	1
	Ukrainian association for quality	1
	Ukrainian Centre of ecological savety and labour protection in oil industry	1
	Ukrainian Environmental and Natural Resources Research Institute under the National Security and Defense Council	1
	Ukrainian Environmental Technology Center	1
	Ukrainian Institute for scientific Technical and economic information	1
	Ukrainian League of Industrialists and Entrepreneurs	1
	Ukrainian office of Human Ecology NGO	1
	Ukrainian Scientific Union	1
	Ukrainian Society for Sustainable Development	1
Ukrenergyefficiency, Ministry of Fuel and Energy	1	
UkrEsco Ltd.	2	

Country	Name of organization	Number of recipients
Ukraine	UKRINTERENERGO	1
	“Ukrenergoberezhennia” (Ukrainian energy saving)	1
	“Ukrhidroproject”	1
	Uzhorod National University, Medical Faculty, Microbiology and Immunology Laboratory	1
	Vinnitsia National Technical University	1
	ZAZ«BETONNOVA»	1
	Others	3
	Total number per country	116
United Kingdom	Action for a Global Climate Community (AGCC)	1
	Carbon Capture and Storage Association (CCSA)	1
	Cardiff Business School	2
	MET OFFICE	1
	Natural Environmental Research Council	1
	Solabuzz	1
	The Carbon Trust	1
	UK Research Office (UKRO)	1
	University of Cambridge	1
	University of Sussex, Science & Technology Policy Research (SPRU)	2
	Total number per country	12
USA	Florida International University, Decision Science & Information Systems, &Ryder Center for Logistics	1
	University of Florida, Department of Industrial and Systems Engineering	1
	University of Oklahoma	1
	Total number per country	3
Uzbekistan	Academy of Sciences of Uzbekistan, Complex Research Institute of Regional Problems	1
	Agency for Promotion of Research and Innovative Projects (APRIP)	2
	Join-Stock Company on Transportation and Supply of Natural Gas (UZTRANSGAZ)	1
	The Centre of Hydro meteorological Service (UZGIDROMET) of the Republic of Uzbekistan	2
	Institute of power engineering and automation	1
	Ministry of Foreign Economic Relations	2
	Tashkent state technical university	1
	Uzbek National university	1
	State Committee for Nature Protection	1
Total number per country	12	
	Name of international organization	Number of recipients
	BSEC-Working Group on Education	1
	BSEC-PERMIS	3
	BSTDB	5
	European Commission	51
	EBRD, Renewable Development Initiative	2
	Edison	1
	European Environmental Agency	7
	Caspian Geophysical JV LLC	1
	Tyumen State Oil and Gas Technical University	1
	Ufa State Technical Oil University, Bashkortostan	1
	Khazar-M.Gas Company LLC	1
	Turkiye Petrolleri A.O.	1

	Name of international organization	Number of recipients
	UNIDO	1
	DEUTSCHES ZENTRUM FUER LUFT AND RAUMFAHRT	1
	Consiglio Nazionale Delle Ricerche (Italy)	1
	Other	6
	Total	82
	TOTAL	1450

ANNEX IV: Letters for the seminar



NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS

**ENERGY POLICY AND
DEVELOPMENT CENTRE (KEPA)**
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TEL.: +30-210-727-5732 FAX: +30-210- 727-5828
E-MAIL: epgsec@kepa.uoa.gr

To:
- PROF. ANCA POPESCU
DIRECTOR OF THE INSTITUTE OF POWER STUDIES AND DESIGN – ISPE
BUCHAREST-ROMANIA

Athens 3rd April 2007

Subject: "PROMITHEAS-2 Seminar"

Dear Professor Popescu

We are in the phase of preparing the intermediate report for the 2nd Steering Committee meeting that will be held in Istanbul on April, 20th 2007, as we agreed at the kick-off meeting.

In this respect it is necessary to provide me with the information related to Task 3.2, "Organization of seminar on energy and climate policy issues" so as to facilitate the discussion for the seminar at this meeting.

I kindly ask your contribution to this report by emphasizing and clarifying the following issues:

- All instructors should state if they have a written permission by the owner of the software that they propose to use at the seminar in order to avoid copyright problems. Please let me remind you the case of WASP with the IEAA. This model can not be taught at the seminar, because of the lack of a written permission;
- The submitted topics should comply with the already circulated ones;
- Description of topics should be precise and accurate;

Therefore, please contact the instructors, explain them what you need, finalize these issues and send us within the next two (2) days, if possible, these information so that the report will be prepared on time for the 2nd SC meeting.

As you know, three (3) instructors from the Group of Experts and two (2) EU instructors will be selected during the 2nd Steering Committee meeting. According to the seminar planning, ISPE will inform the selected three (3) instructors about this decision and call them to prepare their teaching material for the e-class procedure. Please let me remind you that according to Annex I of our contract the material should be:

- A presentation (in power point file) of three (3) to four (4) hours teaching;
- A text (in word file) that will accompany this presentation (maximum forty (40) pages);
- A questionnaire;

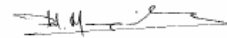


- Two (2) exercises (depending on the topic, these can be a model application or an Excel table for the application of formulas);
- One (1) topic – relevant to the instructor’s lesson - for an essay. This essay will be the Case study for Phase B.
- Links to other documents that the instructor considers as necessary for reading by the seminar participants;

KEPA has to receive this material the latest by May, 10th 2007. ISPE has also the obligation to provide guidelines for the e-class to the seminar participants and instructors according to our contract. As you know the e-class procedure is planned to start on June 4th 2007.

Looking forward to your answering.

With best regards



Assoc. Prof. Dimitrios Mavrakis
Director of KEPA

Cc.:
Mrs Camelia **VASILE**, Head of Energy Policy Team of the Institute of Studies Power Engineering



NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS

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To:

- *PROF. ANCA POPESCU*
DIRECTOR OF THE INSTITUTE OF POWER STUDIES AND DESIGN – ISPE
BUCHAREST-ROMANIA

Athens 22th June 2007

Subject: "PROMITHEAS-2 Seminar"

Dear Professor Popescu

The e-class platform procedure will end this week and we are in the phase of rescheduling the remaining activities of Task 3.2 "*Organization of seminar on energy and climate policy issues*" of PROMITHEAS-2 for its adequate and sufficient organizing and coordination.

In this respect it is necessary to have your opinion about the following suggestions, so as to avoid malfunction. Following the time schedule of the intermediate report (April 2007) and adding any other activities that we thought as necessary, ISPE and KEPA have to perform these activities:

- "*Financial arrangements for the instructors*", (20th June 2007 – 4th July 2007). ISPE has to send a letter to the three instructors (Dr. A. Dagoumas, Prof. V. Arion and Dr. K. Perrakis) explaining them about their payment (contract, requirement of invoice etc).
ISPE will pay to Dr. A. Dagoumas 1200€ for his whole contribution plus travel and accommodation expenses. Dr. A. Dagoumas will travel from Thessalonica to Athens and from Athens to Thessalonica. Depending on the seminar program he will stay in Athens probably three (3) days.
ISPE will pay to Prof. V. Arion 1500€ for his whole contribution plus travel and accommodation expenses.
ISPE will pay to Dr. K. Perrakis 1000€ for his whole contribution and no accommodation expenses.
The first two instructors should receive right after the submission of the grades half of the amount that they will receive in total. ISPE is kindly asked to proceed immediately with the preparation and signing of the respective contracts with all three instructors.
- "*Sending grades*", (4th July 2007 – 5th July 2007). The instructors will send to ISPE and KEPA their grades for the e-class seminar participants.
- "*Calculation of final grade*" (4th July 2007 – 5th July 2007). ISPE will calculate the mean grade for each e-class participant.



- “Announcement of results” (6th July 2007). ISPE will send the results to KEPA. KEPA will upload the results at the e-class platform or the website.
- “Date determination” (6th July 2007). The actual seminar is scheduled to take place on 8-10 October 2007.
- “Invitation to participants” (7th July 2007 – 9th July 2007). Two types of letters will be prepared by ISPE. The first will be addressed to the instructors (Dr. A. Dagoumas, Prof. V. Arion and Dr. K. Perrakis and to any other that may agree to teach at the seminar by that time) informing them about the date and the venue that the seminar will take place. The letter will also inform them about the names of the twelve seminar participants. The instructors will be asked to assign to the seminar participants a case study which they will all discuss during the actual seminar in Athens.

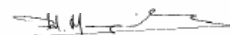
The second letter will be addressed to all e-class seminar participants and will inform each one individually about his/her grades and if he/she is invited or not at the actual seminar. The twelve seminar participants will be asked to express their interest in “People” so as to launch the preparation of their proposals with the KEPA experts. ISPE will also inform them about the date and the venue that the seminar will take place. ISPE will inform them about the procedure for travel and hotel arrangements. I will also send a letter to those that will not attend the actual seminar and thank them for their participation.
- “Preparations for proposals in “People”” (6th July 2007 – 31st October 2007). ISPE will collect the responses about “People” and send all contact details of the interested persons to KEPA so as to launch this procedure. KEPA will contact those seminar participants and launch with them the writing of proposals.
- “Collection of material from EU instructors” (18th June 2007 – 29 June 2007). We still need at least one (1) instructor. ISPE has the responsibility of this activity and KEPA is assisting as much as it can. KEPA continues its contacts with several people, but has not been successful until now. Only Dr. Perrakis will provide during this time interval material for the e-class. If ISPE has any suggestions we would like to discuss them.
- “Format of material from EU instructors” (25th June 2007 – 9 July 2007). KEPA is responsible for this activity and we will follow the same procedure as in May.
- “Uploading to the e-class” (10th July 2007). KEPA is responsible for this activity.
- “Seminar program” (6th July 2007 – 20th July 2007). We rescheduled this activity so that all seminar participants are informed as soon as possible about the program and to be able to make adjustments if necessary. ISPE is responsible for this activity. ISPE will have to form the three day seminar schedule and select comments from the instructors. Each day will start at 9:00. Lunch will take place at 14:00 – 16:00. A thought is to have two hours practice for the twelve participants at KEPA after lunch. Within these two hours the seminar participants will discuss their proposals for “People” with us.
- “Seminar folder preparation” (3rd September 2007 – 7th September 2007). KEPA is responsible for selecting and preparing the folders, but ISPE is responsible for covering these expenses.
- “Travel provisions” (10th July 2007 – 30rd July 2007). We rescheduled this activity also. ISPE is responsible for the financial arrangements of this activity. Therefore ISPE will have to arrange with the instructors and the twelve seminar participants all travel issues. KEPA can recommend to ISPE a travel agency here in Greece that will undertake these arrangements. Mr. Thomaidis has sent the information about the available amount of money that can be spent for this activity.



- "Hotel reservation" (10th July 2007 – 3rd September 2007). This activity is also rescheduled. KEPA will provide ISPE with a list of three (3) recommended hotels for the seminar participants. Since ISPE has the financial responsibility of this activity, it should contact the hotels and make the necessary arrangements. These arrangements depend on the travel arrangements. Mr. Thomaidis has sent the information about the available amount of money that can be spent for this activity.
- "Catering provisions" (10th September 2007 – 27th September 2007). KEPA will provide ISPE with a list of recommended catering firms or options, but ISPE will cover the expenses (for the coffee breaks, lunch and if feasible dinner).
- "Event" (8th October 2007 – 10th October 2007). KEPA is responsible for this activity. ISPE will have to cover the expenses for the translation and any other organizational expenses (ie transportation of seminar participants from hotel to KEPA and vice versa, papers, CD etc).
- "Draft seminar report" (20th September 2007 – 17th October 2007). ISPE is responsible for preparing the report following the format of previous reports of the project.

We are open to any recommendations or questions that you may have on these issues. Please have in mind the following. We need to act quickly and effectively in order to face any other emerging issues. Any surplus amount of money from any partner of PROMITHEAS-2 will not be re-allocated to personnel fees, but only to other activities of the project. Looking forward to your answering so as to finalize these activities.

With best regards



Assoc. Prof. Dimitrios Mavrakis
Director of KEPA

Cc.:
Mrs Camelia **VASILE**, Head of Energy Policy Team of the Institute of Studies Power Engineering



ANNEX V: Lists of seminar participants, instructors and topics

List of selected seminar participants

No	Country	Organization	Title	Name	Position	Age
1.	Armenia	Chair of Thermal Power Engineering and Protection of Environment, SEUA	PhD	Gevorgyan ARKADI	Assistant Professor	26
2.	Armenia	CJSC "Scientific Research Institute of Energy", Electric Power Laboratory	Post-Graduate	Aram HARUTYUNYAN	Senior Scientist in the Electric Power Laboratory	27
3.	Armenia	CJSC "Scientific Research Institute of Energy", Energy Saving Laboratory	Electrical Engineer	Arsen HOVASAPYAN	Engineer	23
4.	Azerbaijan	Bayil Limani OGPD	M.Sc. Engineer	Zaur MAMMEDOV	Engineer	23
5.	Azerbaijan	Oil and Gas Production Department - Techniques and Technology of Oil Production Laboratory	Engineer - Physicist	Jabiev ORCHAN	Research assistant	25
6.	Azerbaijan	Science - Research Institute "GPOGC", State Oil Academy	Engineer	Samira MANSUROVA	Senior research assistant	32
7.	Azerbaijan	Science - Research Institute "GPOGC", State Oil Academy	M.Sc. Management (Oil and Gas Exploration and Refining)	Mustafayev Anvar ABIDIN	Engineer	24
8.	Azerbaijan	Oil and Gas Production Department – Techniques and Technology of Oil Production Laboratory	M.Sc. gas and oil fields	Dmitriy SUKHAREV	Researcher	22
9.	Belgium	University of Groningen	Advanced Master in energy and environmental law	Anatole BOUTE	PhD Researcher	25
10.	Bulgaria	Sofia Energy Agency (SOFENA)	M.Sc. Mechanical Engineering	Bozhidar Boynov IVANOV	Junior Expert, Specialist-International Economic Collaboration	25
11.	Bulgaria	Sofia Energy Agency (SOFENA)	PhD candidate	Zdravko GEORGIEV	Manager	28
12.	Bulgaria	Energeo Ltd.	PhD Candidate	Todorova RADOSTINA	Associate researcher	-
13.	Bulgaria	Technical University of Sofia	MSc Heat and Refrigeration Engineering	Momchil Petrov VASSILIEV	Assistant Prof.	33
14.	Bulgaria	LILIA HIV – engineering company	MSc Thermotechnics	Noemy Garabed MOUMDJIAN	PhD student in Thermo-technique, Specialist Trade Department	26

No	Country	Organization	Title	Name	Position	Age
15.	Bulgaria	Electrical Distribution Sofia	MSc Business Computing	Stefan IVANOV	Expert computer's databases	26
16.	Bulgaria	Natsionalna Elektricheska Kompania EAD	Engineer	Georgi Angelov BOZUKOV	Electrical Engineer	24
17.	Georgia	Georgian University of Social Sciences, School of Politics and International Relations	PhD	Nino BEGALISHVILLI	Associate Professor	34
18.	Georgia	Institute of Hydrometeorology of the Georgia, Ecological Department	Chemist	Natela L. DVALISHVILLI	Researcher	30
19.	Georgia	Georgian Technical University – Energy Engineering Faculty	PhD	Natia ARABIDZE	Candidate of Technical Sciences	28
20.	Georgia	Samegrelo and Zemo-Svaneti regional department of Ministry of defense of environment and natural resources	Engineer on Ecology	Lataria KETHEVAN	Main specialist	33
21.	Germany	Wuppertal Institute for Climate, Environment and Energy	M.Sc. Environmental Engineering and Sustainable Infrastructure	Sarina Juliane KELLER	Research Assistant	-
22.	Germany	Institute of Energy Economics at the University of Gologne	PhD, Economics	Stefan LOCHNER	Research Associate	25
23.	Greece	International Center for Black Sea Studies, Athens	Ph.D candidate	Vsevolod SAMOKHVALOV	Monitoring of political and economical developments in the Black Sea area	30
24.	Greece	Attiki Gas Supply Company	M.Sc. Gas Engineering	Ioannis NTROUKAS	Technical customer service supervisor	32
25.	Republic of Moldova	Institute of Power Engineering	Power Engineer	Iulia DUPLEVA	Power Engineer	32
26.	Republic of Moldova	Technical University of Moldova	Power engineer	Braga DUMITRU	Lecturer	23
27.	Republic of Moldova	Technical University of Moldova	M.Sc. electrical engineering, PhD candidate	Ghenadie TERTEA	Superior lecturer	31
28.	Republic of Moldova	Technical University of Moldova – Faculty of Energy	M.Sc. in Energy Engineering	Diana OPREA	Assistant lector	22

No	Country	Organization	Title	Name	Position	Age
29.	Republic of Moldova	Union Fenosa Group	M.Sc. environment and clean technologies, PhD candidate	Corina Gutu-CHERTUSCA	Engineer	29
30.	Republic of Moldova	Technical University of Moldova	MSc	Victor GROPA	Assistant lecturer	26
31.	Republic of Moldova	Technical University of Moldova	MSc	Olesea LUCHIAN	Lecturer	25
32.	Romania	ENINVEST	Environmental engineer	Lavinia STOICA	Project Manager	24
33.	Romania	ISPE	Power engineer	Alexandra Ioana BADESCU	Engineer	25
34.	Romania	ISPE	Environmental engineer	Roxana-Elena RIZEA	Engineer	24
35.	Romania	ISPE	Environmental engineer	Ioana - Iulia MIRCEA	Engineer	24
36.	Romania	ISPE	Mining engineer	Vasile DOLCA	Environmental Project Manager	25
37.	Romania	ISPE	Mining engineer	Marius Bogdan FILIP	Environmental Project Manager	25
38.	Romania	ISPE	Mining engineer	Toader Bogdan DAN	Environmental Project Manager	25
39.	Romania	ISPE	Civil engineer	Oana RIZEA	Indoor installation engineer	26
40.	Romania	ISPE	Environmental engineer	Raluca Daniela CHELARU	Engineer	24
41.	Romania	Targoviste "Valahia" University, Research Energy – Environment Department	MSc Electrical Engineering	Florian ISPAS	Scientific Assistant Research	28
42.	Romania	Targoviste "Valahia" University, Research Energy – Environment Department	Engineer	Liviu OLTEANU	Engineer	29
43.	Romania	SC URBATECH SRL	MSc Actual environment and sustainable development	Daniela IUREA	Chief of Environment Department	28
44.	Russian Federation	North Caucasian Institute of Mining and Metallurgy - Center of Power-Management, Power-Audit and Research of Regional Problems	PhD candidate	Alan KUMARITOV	Director	33
45.	Russian Federation	North Caucasian Institute of Mining and Metallurgy - Center of Power-Management, Power-Audit and Research of Regional Problems	PhD	Igor KHUZMIEV	Specialist in electrical power quality control and analysis	25

No	Country	Organization	Title	Name	Position	Age
46.	Russian Federation	North Caucasian Institute of Mining and Metallurgy - Center of Power-Management, Power-Audit and Research of Regional Problems	Candidate of science	Maksim KHUZMIEV	Developer of management-information system for regional retail market of electric power	26
47.	Russian Federation	North Caucasian Institute of Mining and Metallurgy - Center of Power-Management, Power-Audit and Research of Regional Problems	Economist manager (metallurgy)	Natalia ROMANOVA	Post-graduate student on non-conventional energy sources	28
48.	Russian Federation	North Caucasian Institute of Mining and Metallurgy	Economist manager (metallurgy)	Olga KHODKO	Post-graduate student on new market of gas	22
49.	Russian Federation	Caspian Marine Research Center	Specialist in "Complex use and protection of water resources	Valery Gennadjevna PETRECHENKOVA	Senior scientific employee	24
50.	Ukraine	National Technical University of Ukraine "Kiev Polytechnic Institute"	MSc electrical engineering	Olena Vladimirovna BORICHENKO	Junior researcher	24
51.	Ukraine	National Technical University of Ukraine «Kiev Polytechnic Institute», ESEMI	Bachelor in Ecology and Environmental Protection	Olena PECHAK	- Coordonator of international projects - Student on Master program	23
52.	Ukraine	Not working	- Student in Finances - M.Sc. candidate in Energy Management	Kuran Yuliy ROSTISLAVOVICH	Student and M.Sc. candidate in Energy Management	24
53.	Ukraine	Not working	MSc Energy Management	Yuriy LOKHMANETS	Postgraduate student	23
54.	Ukraine	National Technical University of Ukraine "Kiev Polytechnic Institute" – Training center for energy management	Bachelor in energy management	Marina KOVTUN	Engineer	22

List of seminar instructors

No	Country	Organization	Title	Name	Position	Comments
1.	Greece	Aristotle University of Thessaloniki, School of Electrical and Computer Engineering	PhD in Electrical and Computer Engineering	Athanasios S. DAGOUMAS	- Lecturer - Consultant in the field of Electrical and Computer Engineering	Has experience in seminars and in teaching
2.	Greece	Hellenic Energy Regulatory Authority	Doctor of Engineering	Konstantinos PERRAKIS	Senior expert, electricity sector	- Has experience in electricity market liberalization - Has teaching experience
3.	Republic of Moldova	Technical University of Moldova	Doctor of Sciences in Electrical Power Systems Development Planning	Valentin ARION	Head of Thermoenergetics Department	- Has elaborated a guide on CDM projects development and promotion (2006) - Member of the CDM National Designated Authority in Moldova

List of topics

Thematic		Titles of proposed topics	Short description of topic	Potential instructor
Energy Market Analysis	Market analysis	<i>Energy savings and emission reduction potential in three end - use sectors (residential, tertiary, industry)</i>	Examination of the energy savings, the emissions reduction and the earning from the implementation of new technologies in the end-use sectors (residential, tertiary, industry). With the use of MURE2 tool, the energy savings potential in the consumption side can be examined, considering different scenarios for the diffusion and efficiency of new technologies. This tool consists of different modules representing the end-use sectors. Three of them (tertiary, industry and residential) could be examined concerning the introduction of new technologies such as efficient electric appliances, heating equipment, buildings material, renewables etc. A sensitivity analysis on the technical and economic characteristics of different technologies can be carried out.	Athanasios S. DAGOUMAS
	Forecast models	<i>Models of electricity markets</i>	Reasons for liberalisation, 4 electricity sector models, main parameters affecting the models, 2 wholesale electricity market models, algorithmic issues	Konstantinos PERRAKIS
JI/CDM projects		<i>Carbon Project Cycle</i>	Duration: 30 minutes	Valentin ARION
		<i>Baseline and Additionality – key concepts</i>	Duration: 1 hour	Valentin ARION
		<i>A CDM Project Economic analysis</i>	Duration: 1 hour	Valentin ARION
		<i>Monitoring Plan</i>	Duration: 30 minutes	Valentin ARION
		<i>Small Scale CDM Projects vs. Regular ones</i>	Duration: 1 hour	Valentin ARION
		<i>Case study on Energy Efficiency and Fuel Switching Measures</i>	Duration: 1 hour	Valentin ARION
		<i>Case study on Wind Energy</i>	Duration: 20 minutes	Valentin ARION
		<i>Case study on Cogeneration</i>	Duration: 30/60 minutes	Valentin ARION

ANNEX VI: Grades

No	Name	Country	PROM 104	PROM 105	Mean grade
			(A. Dagoumas)	(V. Arion)	
1	Khuzmiev Igor	Russian Federation	10	9	9.5
2	Dupleva Iulia	Moldova	9	8.7	8.85
3	Gropa Victor	Moldova	10	7.7	8.85
4	Khuzmiev Maksim	Russian Federation	8	8.7	8.35
5	Kumaritiv Alan	Russian Federation	8	8	8
6	Romanova Natalia	Russian Federation	8	8	8
7	Khodko Olga	Russian Federation	8	7.7	7.85
8	Ntroukas Ioannis	Greece	9	6.7	7.85
9	Lokhmanets Juriy	Ukraine	6.5	8.7	7.6
10	Gevorgyan Arkadi	Armenia	7	8	7.5
11	Rostislavovuch Kuran Juliy	Ukraine	7	6.7	6.85
12	Kovtun Marina	Ukraine	1	8.7	4.85
13	Chelaru Raluca Daniela	Romania	-	9.3	4.65
14	Braga Dumitru	Moldova	-	9	4.5
15	Borichenko Olena Vladimirovna	Ukraine	-	8.7	4.35
16	Moumdjian Noemy Garabed	Bulgaria	1	7.7	4.35
17	Vassilev Momchil Petrov	Bulgaria	1	7.7	4.35
18	Ivanov Stefan	Bulgaria	8.5	-	4.25
19	Pechak Olena	Ukraine	1	7.3	4.15
20	Stoica Lavinia	Romania	-	8	4
21	Mircea Ioana Iulia	Romania	-	7	3.5
22	Rizea Oana	Romania	-	7	3.5
23	Rizea Roxana Elena	Romania	-	6.7	3.35
24	Petrenchenkova Valery Gennadjeva	Russian Federation	-	4	2
25	Mansurova Samira	Azerbaijan	1	2.3	1.65
26	Todorova Radostina	Bulgaria	-	3.3	1.65

ANNEX VII: Open call for the journal



PROMITHEAS - 2
The EU-BSEC
Energy and Climate
Policy Network

Euro – Asian Journal of Sustainable Energy Policy

Call for papers

You are invited to submit papers for the Euro – Asian Journal of Sustainable Energy Policy, published by the PROMITHEAS Network of Energy and Climate Policy under the 6th Framework Programme project “EU – BSEC Energy and Climate Policy Network”

Aim and Scope

The Euro – Asian Journal of Sustainable Energy Policy is a semi-annual bilingual (English, Russian) scientific journal addressing issues of energy and climate policy, mainly of the Black Sea, Caspian and Balkans regions. Coverage includes but is not restricted to:

- Energy supply and geopolitics;
- Strategic energy planning;
- Socio-economics of hydrocarbon reserves exploitation;
- Energy interconnections;
- Regional Energy Market development;
- Emerging hydrogen technologies;
- Socio-economics of transcontinental energy corridors;
- Kyoto Protocol mechanisms;
- Analysis and implementation of climate policy instruments;
- RTD policies and socio-economics for new forms of energy.

Award for Best Papers

The best four papers published in the first two issues of the journal will receive an award of 600 € each. The authors of the awarded papers will be invited to present their scientific research in the Final Conference of the PROMITHEAS-2 project that will be held in Athens in September 2008.

Editorial Board

Editor

Assos. Prof. Dimitrios Mavrakis, National and Kapodistrian University of Athens, Greece

Editorial Board

- Prof. ARION Valentin, Technical University of Moldova
- Prof. BOTZOV Marin, Technical University of Sofia, Bulgaria



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- Prof. INSHEKOV Evgenij, National Technical University of Ukraine "KPI"
- Prof. ISMAYILOV Gafar, Geotechnical Problems of Oil, Gas and Chemistry, Azerbaijan
- Prof. KALOYANOV Nikola, Technical University of Sofia, Bulgaria
- Prof. POPESCU Anca, Polytechnical University of Bucharest, Romania
- Prof. PRAKHOVNIK Arthur, National Technical University of Ukraine "KPI"
- Prof. PSARRAS Ioannis, National Technical University of Athens, Greece
- Prof. SALAVATOV Tulparchan, Geotechnical Problems of Oil, Gas and Chemistry, Azerbaijan

Submission

Submissions should be emailed at:

PROMITHEAS@kepa.uoa.gr

with the manuscript attached to the email as a MS WORD file. Papers should be no more than 5000 words in length and contain an abstract of up to 250 words and up to three keywords that encapsulate the principal subjects covered by the paper.

Papers are evaluated on the basis of two review reports. Only high-quality papers will be accepted.

Full author guidelines available at:

http://www.kepa.uoa.gr/PROMITHEAS2_index.html

Contact details

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Energy Policy and Development Centre

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PROMITHEAS - 2
EU-BSEC Сеть по
политике в области
энергетики и
изменений климата

Евро-Азиатский Журнал Устойчивой Энергетической Политики

2^{ое} Приглашение на публикацию научных статей

Это обращение, в котором Вам предлагают материалы вашей научной работы подать в Евро-Азиатский Журнал Устойчивой Энергетической Политики, издаваемый PROMITHEAS – Сетью Энергетической и Климатической политики в рамках проекта «ЕС – ОЧЭС Сеть Энергетической и Климатической Политики» в рамках 6^{ой} Рамочной Программы (FP6).

Цель и Контекст

Евро-Азиатский Журнал Устойчивой Энергетической Политики - это полугодовое научное издание на двух языках (Английский и Русский), которое посвящено энергетическим и экологическим вопросам в основном в Черноморском, Каспийском и Балканском регионах. Он охватывает, но не ограничивается, следующими темами:

- Энергоснабжение и геополитика;
- Стратегическое энергетическое планирование;
- Социально-экономические аспекты разработки углеводородных ресурсов;
- Энергетические взаимосвязи;
- Развитие регионального энергетического рынка;
- Новые водородные технологии;
- Социально-экономические аспекты трансконтинентального энергетического коридора;
- Механизмы Киотского Протокола;
- Анализ и внедрение способов проведения экологической политики;
- Научно-исследовательские стратегии и социально – экономические стороны новых форм энергии.

Награждение лучших материалов

Четыре лучшие работы, опубликованные в двух первых выпусках журнала, будут вознаграждены в размере **600 € каждая**. Авторы награжденных материалов будут приглашены представить свои научные исследования на Заключительной Конференции проекта PROMITHEAS 2, которая будет в Афинах в сентябре 2008 года.

Редакционная Коллегия

Редактор

Проф. Дмитриос МАВРАКИС, Национальный и Каподистрианский Университет Афин, Греция



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- Проф. ИСМАИЛОВ Гафар Гуламхусейн, Геотехнологические проблемы нефти, газа и химии, Азербайджан
- Проф. КАЛОЯНОВ Никола, Технический Университет Софии,
- Проф. ПОПЕСКУ Анка, Бухарестский Политехнический Университет, Румыния
- Проф. ПРАХОВНИК Артур, Национальный Технический Университет Украины «КПИ»
- Проф. ПСАΡΡΑC Иоаннис, Национальный Технический Университет Афин, Греция
- Проф. САЛАВАТОВ Тулпарчан, Геотехнологические проблемы нефти, газа и химии, Азербайджан

Подача Документов

Подача документов осуществляется посредством электронной почты на E-mail адрес: PROMITHEAS@kepa.uoa.gr с рукописью на Английском или Русском языках, прикрепленными к e-mail в качестве MS WORD - файла.

Объем работы не должен превышать 5000 слов, содержать аннотацию размером до 250 слов и до трех ключевых слов, характеризующих основные вопросы, охваченные работой.

Работы оцениваются на основе двух обзорных отчетов. Только высококачественные работы будут приняты к публикации.

Полную информацию Вы можете получить на:

http://www.kepa.uoa.gr/PROMITHEAS2_publications.htm

Contact details

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URL: <http://www.kepa.uoa.gr>

Annex VIII: Letter for FP7 Proposals to Mr. Alesandro DAMIANI



NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS

**ENERGY POLICY AND
DEVELOPMENT CENTRE (KEPA)**
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To:
- MR. ALESSANDRO DAMIANI
HEAD OF UNIT
INTERNATIONAL SCIENTIFIC COOPERATION POLICY
EUROPEAN COMMISSION, DG-RTD
BRUSSELS-BELGIUM

Athens 6th August 2007

Subject: "RESPOT Follow up activities"

Dear Mr. Damiani

On October 16-17 and November 13-14, 2006 KEPA participated at the thematic workshops for "Environment" (in Athens) and "Energy" (in Istanbul) of the "RESPOT" project that aimed to identify topics of mutual research interest in these fields for EU-BSEC countries.

As a result of these procedures a number of topics of mutual research interest were identified. Under the encouragement of the competent EU functionary, KEPA has forwarded these topics directly or through the National Contact Points to Universities and research institutions of the BSEC and Caspian regions.

Additionally, KEPA via the website of PROMITHEAS, the Network for energy and climate policy issues, has offered the opportunity for the classification of these research interests coming from the aforementioned countries and the expression of interest regarding possible cooperation under the perspective of future open calls for these proposals.

Since the intentions of DG-Research are not explicit to us until now regarding this issue, we would be obliged if you could inform us regarding your decisions so as to communicate these to the interested parties from the Black Sea, Caspian Sea and Central Asia countries.

Please take into consideration that these activities have been developed on a voluntary approach not only from KEPA, but also from all other institutions.

Looking forward to your answering

Sincerely yours

Prof. Dimitrios Mavrakis
Director of KEPA

Cc.

Mr. Daniel DESCOUTURES, European Commission, Directorate General for Research, Policy Officer for S/T relations with Russia, Neighbourhood countries, Central Asia/Thematic priorities: Energy



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