

Newsletter

of PROMITHEAS Net
on energy and climate change policy research issues

Issue 18

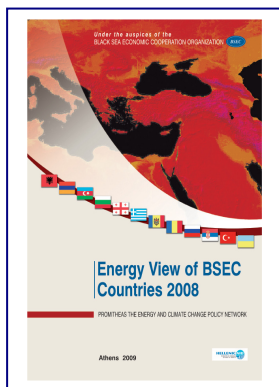


General Info

This bimonthly newsletter of the PROMITHEAS Network is distributed **free of charge** to approximately 12,000 recipients in one hundred sixty (160) countries. It includes information about the network activities, its members and events concerning energy and climate change research. **Sponsorships for its circulation are welcomed.**

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

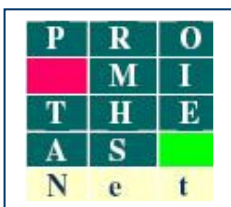
Energy View of BSEC Countries – 2008



The periodical edition “**Energy View of BSEC countries - 2008**” was released at the end of August. The edition contains reports from all twelve BSEC countries and refers to energy and climate change policy sectors. Investment and trade opportunities along with an updated list of main energy stakeholders for each

country are also included. The project is under the auspices of the Azerbaijani Chairmanship of Black Sea Economic Cooperation (BSEC) and is financed by the “**Hellenic Aid**” mechanism of the Hellenic Ministry of Foreign Affairs.

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



The edition will be officially presented on 30 September – 1 October 2009 in Baky (Azerbaijan). The event is co-organized by PROMITHEAS net and GPOGC (Azerbaijan) and it is supported by National Oil Committee of

Azerbaijan Republic (NOCAR) and the “Hellenic Aid” of the Hellenic Ministry of Foreign Affairs. The two day workshop is under the Azerbaijani Chairmanship of BSEC.

The Azeri Minister of Industry and Energy and President of NOCAR, Mr. Natiq ALIYEV will open the workshop. Opening addresses will be made by the Ambassador of the Hellenic Republic in Azerbaijan, the Project Coordinator of BSEC, the Deputy Minister of Foreign Affairs of Azerbaijan, the Minister of Ecology and Natural Resources of

Azerbaijan, and the Rector of Azerbaijan State Oil Academy.

Details at:
http://www.kepa.uoa.gr/PROMITHEAS_Workshop_Baku_September_2009.htm

PROMITHEAS Conference

The 2nd International Scientific Conference “*Energy and Climate Change*” of the PROMITHEAS Network will take place on October 8-9, 2009 in Athens (Greece). Until now the organizers **have received sixty five (65) abstracts** from *Armenia, Austria, Azerbaijan, Belgium, Bulgaria, China, Egypt, Estonia, Germany, Greece, India, Italy, Japan, Kazakhstan, Lao P.D.R., Moldova, Papua New Guinea, Poland, Romania, Russian Federation, Tajikistan, Thailand, Ukraine, United Kingdom and Uzbekistan*. The programme will be finalized within the next days once coordinators and speakers have verified their participation.

Accepted abstracts are uploaded at:
http://www.kepa.uoa.gr/PROMITHEAS_Conference_accepted_abstracts.htm

New webpage

The PROMITHEAS net has launched a new webpage on its website that contains news and information about energy policy issues. A calendar of upcoming events (workshops, conferences and training courses) and recent developments in brief are hosted. **Universities, academies and institutes activated on energy and climate change policy issues may contact the network for placing short announcements on the website and the newsletter.**

Please look at:
http://www.kepa.uoa.gr/PROMITHEAS_energy_policy_news.htm

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

The edition will be also presented at Kiev (Ukraine) at the end of November 2009. More details will be released the next days.

Activities

Activities of the Center for Renewable Energy Sources and Saving (CRES), Greece

Written by
Dr. D. PAPASTEFANAKIS,
Director of the Division for
Development Programs
(CRES)



The Centre for Renewable Energy Sources and Saving (CRES), founded in 1987, is the Greek Centre for Renewable Energy Sources (RES), Rational Use of Energy (RUE) and Energy Efficiency (EE). It is a public entity, supervised by the Ministry of Development, and has financial and administrative independence. Since 1992, CRES is located on its own premises, which apart from offices include experimental outdoor facilities, specialized laboratories (biomass, photovoltaics, passive solar systems, fuel cells, and wind energy), a wind energy park, mechanical shop, conference rooms, a library and a strong computing infrastructure. CRES has a scientific staff of more than 110 highly qualified engineers and other scientists (most of them hold a PhD Degree) and its total personnel numbers 155 people.

The Division for Development Programs, was established three years ago, and its main targets include the following:

- Design and implementation of innovative RES & EE solutions;
- Support of green entrepreneurship in Greece and developing countries of strategic interest (Balkans, South East Europe, Black Sea and the Mediterranean Basin);
- Implementation of socioeconomic methods for developing RES and EE plans.

Special emphasis is placed to participatory planning, soft integration of environmentally friendly technologies especially to small insular systems and socioeconomic evaluation of RES/EE projects. As a result, innovative

projects and demonstrative applications of RES /EE are being implemented, f.ex. projects of integrated applications to buildings (air conditioning of buildings through solar cooling systems, upgrading of the energy performance of buildings, through the building envelope; external shading, thermal insulation of walls and roofs, replacement of single glazed windows with double glazed ones, implementation of green roofs, etc.). The area of work / collaboration of the Division is very wide, including South-East Europe Region, Mediterranean Region, Black-Sea Region, etc.

Dr. D. Papastefanakis has significant expertise in the domains of implementation of local and regional energy policy, RES/RUE, development of dissemination strategies and transfer of energy technologies. Within the last 20 years he has assisted in the development of the regional energy offices in Greece and has developed investment guides for the energy sector in the Balkans and Mediterranean. Due to his excellent qualifications he was awarded outstanding positions as an Advisor to the European Commission Directorate General for External Economic Relations, to the Directorate General for Energy, to the Governmental and Regional bodies, the Greek Ministry of Development in the design and implementation of energy projects.

He is the project manager of several projects like f.ex., the SYNENERGY project that is currently under implementation. The Greece-US Economic and Commercial Cooperation Commission, the Hellenic Aid, and the US Agency for International Development (USAID) are jointly implementing the SYNENERGY work program, through their implementation bodies, CRES and International Resources Group (IRG) respectively, in order to assist the Energy Community members to evaluate the technically and economically available RES potential, to create an enabling environment for investment (by presenting investment opportunities to renewable power market players), as well as to improve energy planning procedures, tools and skills, towards the integration of green technologies in energy systems.

More information at:

http://www.cres.gr/kape/index_eng.htm.

Armenia: The Climate Change Information Center of Armenia published the report "*Armenia: Lusadzor Village. Climate Change impact assessment*". The report proposes adaptation measures for Lusadzor village linked with projects engaged in community development to account for climate change risks.

(Climate Change Information Center of Armenia, 28-08-09) - Details at: <http://www.nature-ic.am/ccarmenia/en/?nid=177>

EU: The European Environmental Agency (EEA) published the *European Community's air pollutant emission inventory report*. In 2007 there was a downward emission trend of three main pollutants (carbon monoxide, nitrogen oxides and non-methane volatile organic compounds) compared to 2006.

(EEA, 21-08-09) - Details at: <http://www.eea.europa.eu/highlights/emissions-of-air-pollutants-down-in-eu-27>

The 'European Network of Transmission System Operators for Electricity (ENTSO-E)' in the Regional Group Continental Europe published the updated Policies 1, 2 and 3 of its Operation Handbook.

(ENTSO-E, 6-07-09) – Details at: <http://www.entsoe.eu/media/news/20090706085318/>

FYROM: The Energy Community Secretariat submitted a Reasoned Opinion in Case ECS-2/08 against the former Yugoslav Republic of Macedonia. The case concerns several aspects of the Energy Law as amended in 2008 with a bearing on the structure of the wholesale electricity market and the methodology for calculating regulated distribution tariffs.

(Energy Community Secretariat, 17-07-09), Detail at: http://www.energy-community.org/portal/page/portal/ENC_HOME/NEWS/News_Details?p_new_id=2481

Georgia: The Ministry of Energy announced an Expression of Interest for the development of the 450 MW Namakhvani Greenfield Project on Rioni River.

The National Agency for Oil and Gas of the Ministry of Energy of Georgia also announced an Open International Tender on the deep sea license Block IID (to the depth 100m from sea floor) and Block IID (deeper from 100m from the sea floor) in two separate lots, to obtain the General License on Oil and Gas Operations.

(Ministry of Energy of Georgia, 29-07-09) – Details at: http://www.minenergy.gov.ge/index.php?lang_id=ENG&sec_id=1&lang_eng

International: The Electric Power Research Institute (EPRI) released a technical report,

"Key Issues in Designing Mechanisms to Reduce GHG Emissions from Deforestation and Degradation (REDD)." The report can be downloaded at: <http://my.epri.com/portal/server.pt?space=CommunityPage&cached=true&parentname=ObjMgr&parentid=2&control=SetCommunity&CommunityID=405>

(Natsource, 16-07-09) – Details at: <http://www.natsource.com/news/index.asp?n=542>

The UNFCCC Secretariat cooperated with Google and the Danish Government that will host the 15th COP for the presentation on Google maps of the UN official data regarding countries of Annex I.

(UNFCCC, 7-7-09) – Details at <http://maps.unfccc.int/di/map/>

During the G8 Summit (L' Aquila (Italy) on July 8-10, 2009) the leaders of the major industrial countries (G8 - France, Germany, United Kingdom, USA, EU, Japan, Italy, Canada and Russian Federation) presented along with the leaders of Australia, Indonesia, Korea and those of the developing economies (Brazil, China, India, Mexico, South Africa) the declaration of the summit on energy and climate change. They agreed to continue their efforts for a new agreement until and during the UN Conference on Climate Change at Copenhagen in December 2009 regarding a global target of substantial GHG emission reductions until year 2050. The declaration is available on the website of the Summit.

(G8 Summit, 09-07-09) – Details at http://www.g8italia2009.it/static/G8_Allegato/MEF_DeclarationI.pdf

Turkey: Turkey and Syria signed in Damascus a protocol for the construction of a natural gas pipeline. The construction is expected to conclude within 15 or 18 months and Egyptian natural gas could be transported to Europe via Turkey through this pipeline.

(Rigzone, 20-08-09) – Details at: <http://www.rigzone.com/>

UK: The office of the Prime Minister, Mr. Gordon Brown, released a report titled "Global carbon trading" emphasizing on the need of establishing a global carbon trading net.

(DECC, 22-07-09) - Details at: http://www.decc.gov.uk/en/content/cms/what_we_do/change_energy/tackling_clima/emissions/emissions.aspx

Career opportunity

The Secretariat of the Energy Community opened the application period for the position of the **Energy Efficiency and Renewable Energy Expert** with the commencement date of employment as of 1 January 2010. Interested candidates are invited to apply by 2 October 2009 in writing to the following email address: recruitment@energy-community.org.

(Energy Community, 7-08-09) – Details at: http://www.energy-community.org/portal/page/portal/ENC_HOME/NEWS/News_Detail.s?p_new_id=2521

September

World Climate Conference 3: 31 August - 4 September 2009, Geneva (Switzerland), <http://www.wmo.int/wcc3/>

October

Workshop on "Energy, Environment and the Future of Security in Central Asia": 15-16 October 2009, Rome (Italy). It is sponsored by US DOE and the Italian Ministry of Foreign Affairs. The workshop will explore the security implications of critical energy and environmental issues in Central Asia and will seek to generate strategic insights that will be useful for government and private-sector policy-makers around the world and in Central Asia itself. Participation will be limited to 35-40 experts. For further information and inquiries regarding participation please contact Prof. Sergio Germani (germani.sergio@gmail.com) or go to the website <<http://globalease.org/signup/3f7b8a0ae240>>.

"Open workshop on energy markets observation": 20 October 2009, Brussels (Belgium), organized by the Market Observatory for Energy of the European Commission, http://ec.europa.eu/energy/observatory/events/2009_10_20_open_workshop_en.htm

November

CO2 GEOLOGICAL STORAGE: LATEST PROGRESS, the ESF-FWF Conference in Partnership with LFUI, 22-27 November 2009, Universitätszentrum Obergurgl, Ötztal Valley, near Innsbruck, Austria. The aim of this conference is to draw conclusions from the last decades of research on CO2 geological storage and to outline the future challenges to be faced along the road to industrial implementation. The interlinked presentations will unroll as follows: Firstly, a run-through of the characteristics of a good site for geological storage and how to select such sites (day 1), then the modelling techniques available to determine the behaviour of CO₂ in the reservoir (day 2), and consequently how to assess the risks linked to geological storage (day 3), followed by how to monitor a storage site (day 4). Finally, a summary of the whole process of a CO₂ geological storage project, from design through injection to closure and then abandonment,

will be given (day 5). In addition, two sessions will focus on current and planned industrial demonstrations worldwide (days 2 and 4). At the end of each day, an open discussion session will enable participants to raise specific issues and to take on a broader perspective of the whole process. A poster session will also be organized, giving the opportunity for participants to present their work. Grants will be available for young scientists to cover their conference fee and possibly travel expenses. Abstracts and grant applications should be submitted with the application form.

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

"ERRA Training Course: Renewable Energy Regulation": 23-27 November 2009, Budapest (Hungary). The objective of this 5 days training course is to provide the participants with an overview of those aspects of environmental regulation that affect the life of energy companies and of those regulating them in the most significant way. The emphasis of the training is put on the discussion of three specific areas: the promotion and regulation of renewable energies, the operation of emerging greenhouse gas markets and the regulatory tools of controlling local pollutions caused by energy companies. During the intensive course the following broad themes will be addressed: Environmental impacts, externalities; Renewable energy 1. Technology and grid integration; Renewable energy 2. - In-depth regulatory issues; Emissions trading; Renewable energy 3. - Demand side programs.

Details at: http://www.erranet.org/Training/Intermediate_Advanced_Training/Renewables_2009

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