



# Newsletter of PROMITHEAS Net on energy and climate change policy research issues



## General Info

This bimonthly newsletter of the PROMITHEAS Network is distributed **free of charge** to more than 23,000 recipients in one hundred seventy (170) countries. It includes information about the network activities, its members and events concerning energy and climate change research. Its content reflects the network views and the European Commission is not liable for the information contained. **Sponsorships for its circulation are welcome.**

PUT (Albania), ESC (Armenia), GPOGC (Azerbaijan), BSREC, TUSB (Bulgaria), EEGEO (Georgia), KEPA, CRES, NOA, AUTH, University of Aegean, IHU (Hellas), INEXCB-Kz, SRC KAZHININVEST (Kazakhstan), PCTC-KG (Kyrgyzstan), IPE (Moldova), ISPE (Romania), Finance University, ESSUT (Russian Federation), JOB-FMG (Serbia), SoDeSCo, IWP-AST (Tajikistan), TUBITAK-MRC, MUGLA University (Turkey), ESEMI (Ukraine) and IUCPT (Uzbekistan).

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## Activities

### Editorial note

by  
Prof. Dimitrios MAVRAKIS  
Coordinator of  
PROMITHEAS Network



The 1<sup>st</sup> commitment period (2008-2012) of the Kyoto Protocol has ended without a global agreement to replace or extend it. The 2<sup>nd</sup> commitment period (2013-2020) has been established among part of Annex I countries and the set under CDM of the CCS mechanisms can not be considered as a significant step to confront the global challenge.

What is important is that now all countries developed and developing, understand that they have to contribute in the common effort. The global recession, the economic crisis in EU and USA has underlined the fact that developed countries of Annex I can not any longer be the only contributors to the efforts for mitigation of GHG emissions.

Countries of the Gulf and not only have experienced a remarkable increase of their wealth and further to that came to a point to understand that lowering their emissions could be beneficiary for their economies.

In this framework the development of New Market Mechanisms and their decentralized governance provides a broader basis for the development of "tailor made" green pathways of development.

Discussions and deliberations among groups of countries or even among districts and counties of big countries like China and USA are expected to converge with other on going negotiations aiming to conclude with a Global Emissions Trading around 2030. Countries of BSEC should not lose their window – opportunity to participate actively and most benefited from emerging opportunities of this green economy perspective.

### Università Bocconi, Center for Research on Energy and Environmental Economics and Policy (IEFE),

by Edoardo Croci, Research Director



Established in 1902, Università Bocconi is a research university of international standing in business, economics, and law. Being a major node in the European and global network of business and economics universities, Bocconi exchanges faculty and cooperates on large projects with European and American universities and business schools. Bocconi has close relations with major corporations and international agencies, and constantly interacts with the business and economic environment to assess new issues, implement new techniques, and start new research endeavors. Pure and applied research takes place in each of the large disciplinary areas of the University, through its Departments, Research Centers and SDA Bocconi School of Management. In particular, IEFE - Centre for Research on Energy and Environmental Economics and Policy (IEFE - Istituto di Economia e Politica dell'Energia e dell'Ambiente) is the research center of Università Bocconi which coordinates and conducts applied research in the following fields:

- Energy economics, focusing on energy markets as well as on natural resources;
- Environmental economics, focusing both on environmental policy and environmental management and sustainability concerning private companies and public agencies;
- Economics of public utilities focusing on energy, water and waste.

IEFE's activities are enriched by the dialogue with other research centres, and through participation in European networks. IEFE disseminates the results of its activities through the channels deemed to be most suitable for the type of research produced: working papers, research reports, policy notes, scientific articles, seminars or conferences. The results of IEFE research activities are made public in order to

facilitate the involvement of operators, institutions and the scientific community. In addition to conducting research projects, the Center also manages thematic Observatories (Forum on European Energy and Environmental Policies, Observatory on Integrated Environmental Management Systems, Observatory on Communication and Environmental Information), open both to members and non-members, which focus on topics and issues of particular policy interest. These Observatories are high-level working platforms, where researchers, firms and institutions meet to discuss and compare different views and methods of analysis.

**Prof. Edoardo CROCI** is the Research Director of IEFE, where he teaches “*Carbon Markets and carbon management*”. Also Professor of Institutions of Economics at the Milan State University and project leader of the “Green Economy Area” of CRIET – interuniversity center for Economics of Territory. His main research areas are: economics of climate change, environmental policy, urban sustainability. Served as Milan City Deputy Major for Mobility, Transport and Environment, President of the Agency for the Protection of the Environment of Lombardy Region, Vice president of FEDARENE (European Federation of Regional Energy and Environment Agency), and Vice president of Italian Agenda 21 Coordination association. Member of the Editing Committee of the review “Economics and Policy of Energy and the Environment” and of the Scientific committee of the review “Management of utilities”.

### **PROMITHEAS-4, Annual Scientific Conference**

The 6<sup>th</sup> International Scientific Conference of PROMITHEAS-4 on “Energy and will take place at the premises of NKUA on October **9-10-11, 2013 in Athens, Greece**.

This year the Conference is oriented to “**Policy Portfolios for emerging economies**”. In the frame of this topic the outcomes of the FP7 funded project “PROMITHEAS-4: Knowledge transfer and research needs for preparing Mitigation/Adaptation policy portfolios” for 12 countries mainly from the BSEC and Central Asia regions will be presented in a special session along with proposals for the optimization of these portfolios for the countries that participate in the project.

**For more information and to see the draft agenda:**  
<http://www.promitheasnet.kepa.uoa.gr/>

### **International Training Seminar on “Climate Change policies” (Trends, Modeling-LEAP, Evaluation-AMS)**

#### **Brief description**

The International Training Seminar on Climate Change policies is a one-week training activity aiming to offer a holistic approach to the problems which policy makers from countries with emerging economies face in fulfilling their needs for such policies. Trainees will get updated on international policy trends, data collection, scenarios development, selection of policy mixtures with the use of LEAP (and

its updated versions) and their assessment with the use of AMS (for climate change policy mixtures). LEAP is a software tool for energy policy analysis and climate change mitigation assessment developed in SEI’s (Stockholm Environment Institute) U.S. center. It is a widely-used tool in the world today with over two thousand users in more than 190 countries for energy and environment policy analysis. LEAP has been adopted as the tool of choice by numerous countries wishing to plan their energy systems to meet sustainable development goals. The AMS method is a multi-criteria method for evaluating climate change policy instruments or policy mixtures, with suitable modification for evaluating their interactions as well, developed in KEPA – NKUA (Energy Policy and Development Centre – National and Kapodistrian University of Athens). Both LEAP and AMS have been used for the development and assessment of M/A policy portfolios for twelve (12) countries of BSEC and Central Asia.

Organised by KEPA (Energy Policy and Development Centre of National and Kapodistrian University of Athens) in cooperation with the US center of Stockholm Environment Institute in Massachusetts and developer of LEAP (Long-range Energy Alternatives Planning system), the training seminar is addressed mainly to policy and decision makers (employees of ministries and agencies, consultants), economists, engineers, project managers, researchers on energy and climate change policy as well as to researchers from Europe and Asia (Mediterranean, Black Sea and Central Asia region) and will take place in the premises of KEPA on the second week of November 2013. Participants from other areas are also welcomed.

#### **Training format**

Depending on the technical needs of each subject, presentations offering general background knowledge, familiarization exercises, interactive presentations, exercises on national case-studies as well as discussion on country experiences will be used, in order to increase the knowledge of each participant. The participants will work on the relevant exercises either on their own or in groups, choosing a certain country example. Suggested literature and notes will be provided, for further reading after the Seminar and more detailed information for each subject. Certificates of attendance/completion will be provided to the Farewell dinner on the last day of the seminar.

#### **Expected outcomes**

Participants will gain understanding and hands-on experience on the following:

- How to create a Mitigation/Adaptation Climate Change Policy mixture /portfolio
- How to compose a scenario and create a dataset
- How to use the LEAP software to run scenarios for different policy mixtures
- How to use the AMS method for the evaluation of policy mixtures
- How to compose a report on Climate Change policy

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**EU:** The EU Climate Change Committee approved draft legislation on international credit entitlements for operators during phase 3 of the EU ETS (2013-2020). The draft Regulation, submitted by the European Commission in early June, specifies the limits for EU ETS operators on use of eligible credits from the Kyoto Protocol's project-based mechanisms (Clean Development Mechanism and Joint Implementation).

(DG Climate Action, 10-7-2013) – Details at: [http://ec.europa.eu/clima/news/articles/news\\_2013071002\\_en.htm](http://ec.europa.eu/clima/news/articles/news_2013071002_en.htm)

The EU Climate Change Committee approved the addition of two sectors (plaster and plasterboard) and four sub-sectors to the current list of sectors deemed exposed to significant risk of carbon leakage for the period 2009-2014. This addition will imply higher free allocation of emission allowances for these sectors and sub-sectors for the year 2014.

(DG Climate Action, 10-7-2013) – Details at: [http://ec.europa.eu/clima/news/articles/news\\_2013071001\\_en.htm](http://ec.europa.eu/clima/news/articles/news_2013071001_en.htm)

New publication "*EU Energy in Figures*" (Statistical Pocketbook 2013)

(DG Energy, 15-7-2013) – Details at: [http://ec.europa.eu/energy/observatory/statistics/statistics\\_en.htm](http://ec.europa.eu/energy/observatory/statistics/statistics_en.htm)

The European Environment Agency (EEA) released the report "*Towards a green economy in Europe „- EU environmental policy targets and objectives 2010...-2050*".

(EEA, 25-7-2013) – Details at: <http://www.eea.europa.eu/publications/towards-a-green-economy-in-europe>

The European Commission plans to adopt a decision on Member States' National Implementation Measures (NIMs) for phase three of the EU ETS during September 2013. The date of the adoption and publication of the decision will be announced on the website at least 24 hours in advance.

(DG Climate Action, 30-7-2013) – Details at: [http://ec.europa.eu/clima/news/articles/news\\_2013073001\\_en.htm](http://ec.europa.eu/clima/news/articles/news_2013073001_en.htm)

**Georgia:** Representatives from Georgia, Azerbaijan and Armenia attended a regional Workshop for strengthening their capacities for the development of Nationally Appropriate Mitigation Actions (NAMAs). Issues addressed at the workshop included the concept of NAMAs, Monitoring, Reporting and Verification (MRV), and guidance for NAMA development in the three South Caucasus countries. The workshop, held on 9-10 July 2013, in Tbilisi, Georgia, was organized by the REC Caucasus (REC C) in the context of the International Partnership on Mitigation and MRV.

(International Partnership on Mitigation and MRV, 10-7-2013) – Details at: <http://mitigationpartnership.net/regional-workshop-development-nationally-appropriate-mitigation-actions-namas-south-caucasus-coun-0>

**International:** An Asian Development Bank (ADB) green energy project that brings greater electrification to rural households in Bhutan and boosts access to green power in neighboring India is among the recipients of the U.S. Treasury Department's Development Impact Honors.

(ADB, 24-7-2013) – Details at: <http://www.adb.org/news/adb-green-energy-project-bhutan-wins-us-treasury-honors>

The Global Water Partnership (GWP) released a Technical Focus Paper, titled '*Water and Food Security – Experiences in India and China*,' which identifies as critical the challenges of water and energy for food and agriculture

(GWP, 26-7-2013) – Details at: <http://www.gwp.org/en/gwp-in-action/News-and-Activities/Global-Water-Challenge-Center-on-India-and-China/>

[http://www.gwptoolbox.org/images/stories/gwplibrary/technical\\_focus/ood%20security\\_gwp\\_tech\\_focus\\_paper\\_web.pdf](http://www.gwptoolbox.org/images/stories/gwplibrary/technical_focus/ood%20security_gwp_tech_focus_paper_web.pdf)

IRENA released the report "*Road Transport: The Cost of Renewable Solutions*".

(IRENA, July 2013) – Details at: <http://www.irena.org/menu/index.aspx?mnu=Subcat&PriMenuID=36&CatID=141&SubcatID=342> and <http://www.irena.org/menu/index.aspx?mnu=Subcat&PriMenuID=36&CatID=141&SubcatID=342>

The third edition contains the Energy Community legal framework as it stands after the last Ministerial Council meeting in October 2012. The publication consists of three parts; the Energy Community Treaty, the energy acquis in force and a selection of amending secondary legislation.

(Energy Community, 22-8-2013) – Details at: [http://www.energy-community.org/portal/page/portal/ENC\\_HOME/NEWS/News\\_Details?p\\_new\\_id=7641](http://www.energy-community.org/portal/page/portal/ENC_HOME/NEWS/News_Details?p_new_id=7641)

The World Bank released a series of publications on the importance of tackling the growing interlinkages between energy and water, as part of an initiative titled "Thirsty Energy."

(World Bank, 29-8-2013) – Details at: <http://www.worldbank.org/en/topic/sustainabledevelopment/brief/water-energy-nexus>

**Kazakhstan:** The Ministry of Environmental Protection of the Republic of Kazakhstan in partnership with the United Nations Development Program will host on September 30 – October 1, 2013 the Green Bridge Conference 2013.

(The Ministry of Environment Protection of the Republic of Kazakhstan, 26-8-2013) – Details at: <http://www.eco.gov.kz/new2012/en/2013/08/7770/>

**Regional:** The European Bank for Reconstruction and Development (EBRD) is launching the €75 million Western Balkans Sustainable Energy Financing Facility II (WeBSEFF II) to improve energy supply in the eligible countries, with investments in energy efficiency and renewable energy projects. WeBSEFF II is supported by €11.5 million in grant funds provided by the European Union for technical cooperation programmes and investment incentives for borrowers, who will benefit from consultation and advice such as free energy audits. The programme covers Albania, Bosnia and Herzegovina, Croatia, FYR Macedonia, Kosovo, Montenegro and Serbia.

(EBRD, 2-7-2013) – Details at: <http://www.ebrd.com/english/pages/news/press/2013/130702b.shtml>

The Asian Development Bank (ADB) released the publication "Stakeholder Engagement in Preparing Investments Plans for the Climate Investment Funds" which uses a case-study approach to examine the stakeholder engagement in the preparation of investment plans for Cambodia, Indonesia, Nepal, and the Philippines, with reference to the guidance provided by ADB and the Climate Investment Funds on stakeholder participation.

(Climate Investment Funds, 29-7-2013) – Details at: <https://www.climateinvestmentfunds.org/cif/content/db-stakeholder-engagement-preparing-investments-plans-climate-investment-funds-case-studies>

## September

**12th International NCCR Climate Summer School "From Climate Reconstructions to Climate Predictions", 1 – 6 September 2013**, Grindelwald, Switzerland, [http://www.nccr-climate.unibe.ch/summer\\_school/2013/](http://www.nccr-climate.unibe.ch/summer_school/2013/)

**World Water Week**, 1-6 September 2013, Stockholm, Sweden, <http://www.worldwaterweek.org/>

**10<sup>th</sup> European wave and Tidal Energy Conference Series**, 2-5 September 2013, Aalborg, Denmark, <http://www.ewtec.org/ewtec2013>

**Brazil WindPower, 3-5 September 2013, Rio de Janeiro (Brazil)**, <http://brazilwindpower.org/en/>

**ICCE 2013: International Conference & Exhibition on Clean Energy**, 9-11 September 2013, Ottawa, Canada, <http://iaemm.com/ICCE2013/>

**1st CIGR Inter-Regional Conference on Land and Water Challenges**, 10-14 September, 2013, Bari (Italy), <http://www.landandwater2013.iamb.it/>

**International Green Building Conference 2013**, 11-13 September 2013, Marina Bay Sands, Singapore, <http://www.sgbw.com.sg/>

**Global Climate Change Alliance- Global Policy Event**, 18-20 September 2013, Brussels, Belgium, [http://www.gcca.eu/sites/default/files/soraya.khosravi/gcca\\_a4\\_gpe\\_flyer\\_hi.pdf](http://www.gcca.eu/sites/default/files/soraya.khosravi/gcca_a4_gpe_flyer_hi.pdf)

## October

**Science for the Environment Conference**, 3-4 October 2013, Aarhus, Denmark, <http://dce-conference.au.dk/>

**6<sup>th</sup> International Scientific Conference on Energy and Climate Change**, 9-11 October 2013, Athens, Greece, <http://www.promitheasnet.kepa.uoa.gr>

**The International Conference on the Legal Issues of Renewable Electricity in Asia Region: Recent Development at a Post-Fukushima and Post-Kyoto Protocol Era, 17-18 October 2013**, TSMC Building, National Tsing Hua University, Hsinchu, Taiwan. Organized by Institute of Law for Science and Technology, National Tsing Hua University, Taiwan (R.O.C.), <http://www.blc.nthu.edu.tw/files/14-1184-57568,r2173-1.php>

**Concerto Conference – Energy solutions for smart cities and communities**, 22-23 October 2013, Charlemagne Building, Rue de la Roi 170, Brussels, Belgium, [http://www.amianto.com/concerto\\_conference.html;jsessionid=3FDA3A7E88FF9ACBD4F6F2AF30E992EF.amianto?page=983930](http://www.amianto.com/concerto_conference.html;jsessionid=3FDA3A7E88FF9ACBD4F6F2AF30E992EF.amianto?page=983930)

## November

**Doha Carbon and Energy Forum**, 11-13 November 2013, Qatar National Convention Centre, Doha, Qatar, <http://www.qatarconvention.com/visitor/events-new/event-information?item=85&startDate=01%2F11%2F2013&endDate=30%2F11%2F2013&backArt=87>

**COP19/CMP19 United Nations Climate Change Conference**, 11-22 November 2013, Warsaw, Poland, <http://www.cop19.gov.pl/>

**International Renewable Energy Agency (IRENA) Internship Programme**. Deadline: Open. Details at: [http://www.irena.org/Jobs/Internship\\_desc.aspx?JobID=33&PriMenuID=13&CatID=58&SubCatID=0&mnu=Pri](http://www.irena.org/Jobs/Internship_desc.aspx?JobID=33&PriMenuID=13&CatID=58&SubCatID=0&mnu=Pri)

**UNFCCC's Internship Programme**, Deadline: Generally around 2 months before the start of the internship period. Mid-October; deadline for Spring internships (mid-January to mid-March). Mid-March; deadline for Summer internships (early June to early August). Mid-June; deadline for Fall internships (mid-September to mid November). Details at: [https://unfccc.int/secretariat/internship\\_programme/items/2653.php](https://unfccc.int/secretariat/internship_programme/items/2653.php)

**European Commission – Joint Research Centre, Institute for Energy and Transport**. Position: PhD student – Modelling Electricity storage in Power markets and its market valuation. Deadline: **15 September 2013**. Details at: <http://recruitment.jrc.ec.europa.eu/?type=GH&inst=3415&site=PTT>

**University of Oxford, School of Geography and the Environment, Oxford**. Position: Postdoctoral Research Assistant: Climate Scenarios and Attribution for Natural Hazards Assessment. **Deadline: 18 September 2013**. Details at: [https://www.recruit.ox.ac.uk/pls/hrsliverecruit/erq\\_jobspec\\_version\\_4.display\\_form](https://www.recruit.ox.ac.uk/pls/hrsliverecruit/erq_jobspec_version_4.display_form)

**University of Oxford, School of Geography and the Environment, Oxford**. Position: Postdoctoral Research Assistant: Decision Analysis for Natural Hazards. **Deadline: 18 September 2013**. Details at: [https://www.recruit.ox.ac.uk/pls/hrsliverecruit/erq\\_jobspec\\_versi\\_on\\_4.display\\_form](https://www.recruit.ox.ac.uk/pls/hrsliverecruit/erq_jobspec_versi_on_4.display_form)

**European Commission – Joint Research Centre, Institute for Environment and Sustainability Climate Risk Management**. Position: The successful candidate will work at the Climate risk management Unit for the research activity on climate compatible development and poverty reduction. **Deadline: 30 September 2013**. Details at: <http://recruitment.jrc.ec.europa.eu/?site=IPR&inst=3511&type=GH>

**Center for Global Development**. Position: Visiting Policy Internship. Deadline: **not mentioned**. Details at: <http://international.cgdev.org/page/visiting-policy-fellowship-0>

**Center for Global Development**. Position: Senior Fellow/Research Fellow – Forests and Climate Change. Deadline: **not mentioned**. Details at: <http://international.cgdev.org/page/program-coordinator-forest-and-climate>

**The Rainforest Alliance**. Position: Project manager, Africa-TREES. Location: United States. Deadline: **Open until filled**. Details at: <http://www.forestcarbonportal.com/jobs/project-manager-africa-trees>

**Potsdam Institute for Climate Impact Research (PIK)**, Postdoc position in Research Domain IV: Transdisciplinary Concepts and Methods, in the research group SuperSmart Grid. Deadline: Until filled. Details at: <http://www.pik-potsdam.de/aktuelles/stellen/postdoc-positions/postdoc-rd-iv-supersmartgrid>

**United Nations University. Fukushima Global Programme**. Position: Research Associate/Research Fellow. **Deadline: 22 September 2013**. Details at: <http://unu.edu/about/hr/academic/research-fellow-4.html#overview>

**WWF Global Climate & Energy Initiative**. Position: Climate Business Engagement Advisor. Deadline: Not mentioned. Details at: [http://wwf.panda.org/who\\_we\\_are/jobs/?210170/Climate-Business-Engagement-Advisor](http://wwf.panda.org/who_we_are/jobs/?210170/Climate-Business-Engagement-Advisor)

## Awards

**International Transport Forum, 2014 Young Researcher Award**. Closing date for applications: **7 February 2014**. Details at: <http://www.internationaltransportforum.org/2014/Awards/yra.html>

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