New

Newsletter

of PROMITHEAS Net on energy and climate change policy research issues





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. **Sponsorships for its circulation are welcome.**

PROMITHEAS Network, the origin of which is the Project Development Fund of BSEC, aims to promote scientific cooperation on the energy and climate policy issues between the countries of BSEC and EU and thus to contribute in knowledge transfer to that region, as a basic precondition for the development of human potential that will materialize policies of cooperation.



Editorial note

by
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Coordinator of
PROMITHEAS Network



The COP21 in Paris has been scheduled with the high expectations that the representatives of the parties will agree to a binding legal document capable to confront climate change. In an optimistic approach, it is expected that the new policy framework together with the emerging new technologies and the global financial instruments will contribute in greening the global economy, allowing the increase of the mean atmospheric temperature to remain in the 2°C-1.5°C trajectory in comparison to the pre-industrial era.

With more than 119 Intended Nationally Determined Contributions (INDCs) communicated to UNFCCC there is an almost 86% coverage of global emissions in 2010. Further to that global average of the per capita emissions is expected to decline by 8 and 5% by 2030 compared with the levels in 1990 and 2010, respectively.

Compared with the emission levels consistent with the least-cost 2°C scenarios, aggregate GHG emission levels resulting from the INDCs are expected to be higher by 8.7 GtCO₂eq in 2025 and by 15.1 GtCO₂eq in 2030.

That means that the estimated aggregate annual emission levels resulting from the implementation of the INDCs do not fall within the least-cost 2°C scenarios by 2025 and 2030, while international aviation and maritime transport are not included in the submitted INDCs. "Therefore, much greater emission reductions efforts will be required during the aforementioned periods".

8th International Scientific Conference

The 8th International Scientific Conference on "Energy and Climate Change" took place at the premises of KEPA - NKUA on **October 7-9, 2015** which is located at the University campus in Athens, Greece. The event is part of the PROMITHEASnet activities and is organized annually by the Energy Policy and Development Centre (KEPA) of the National and Kapodistrian University of Athens (NKUA). The Conference was under the aegis of the Black Sea Economic Cooperation (BSEC) and the United Nations Academic Impact (UNAI).

The Vice Rector of NKUA, Prof. Nikolaos MYLONAS; the Deputy Secretary General of BSEC - PERMIS, Amb. Traian CHEBELEU; Amb. Lucian FATU of Romania; Amb. Emilia KRALEVA of Bulgaria; Amb. Margus RAVA of Estonia; the Deputy Secretary General of the Parliamentary Assembly of BSEC-PABSEC, Mr. Miltiades MAKTYGIANNIS; the Director of Climate Change of the Hellenic Ministry of Environment and Energy, Mrs. Rebecca BATMANOGLOU; the Director of Energy Efficiency of the Center for Renewable Energy Sources and Saving, Dr. Georgios AGERIDIS; the Director of Department for European Union issues of the General Secretariat for Research and Technology, Mrs. Aliki PAPPA; and the Director of KEPA, Prof. Dimitrios MAVRAKIS made the opening addresses of the Conference.

Participants were from Albania, Australia, Austria, Azerbaijan, France, Germany, Greece, Italy, Poland, Norway, Taiwan, Turkey.

Information at the web-site: www.promitheasnet.kepa.uoa.gr



Invitation

If you are established in one of the member states of the Black Sea Economic Cooperation Organization and you are engaged in Energy Efficiency and Renewable Energy Sources, join us in the "BSEC-Green Energy Network" and benefit from it. Contact: epgsec@kepa.uoa.gr

¹ UNFCC/CP/2015/7 (Figures and estimations received)

Although the communicated INDCs reflect the higher "intentions" of the parties to confront Climate Change, it is evident that a huge amount of efforts and resources are required before even the communicated pledges can be transformed to reality.

In a fast emerging climate change, the global leaders fail, so far, to make and implement the necessary decisions and UNFCCC, trapped in complicated texts and documents, fails to develop a clear, effective and robust message for the people of the planet.

Without ignoring its contribution, UNFCCC has failed to develop a robust and common set of instructions concerning the content of INDCs. It has failed to provide a clear target level (e.g. per capita emissions) for each country that would allow the national policy makers to express their ambition in relation to preset targets and further to that to express their readiness and capacity to get engaged in a global network of carbon transactions. This complicated and controversial practice will be reflected in the efforts to conclude with the expected legal document.

Under these circumstances, the post COP21 period, up to 2020, will be proved much more demanding even a kind of agreement will emerge late this December 2015.

HERON project

The consortium of the HERON project has finalized the following deliverables (until the end of October 2015):

Deliverable D.1.1 – Landscape of energy efficiency policy packages in a multi-level government system, at: http://heron-project.eu/images/Deliverables/

649690_Landscape_of_energy_efficiency_policy_packages_in_a_mu lti-level_government_system.pdf

Deliverable D.1.2 – Status Quo analysis of energy efficiency policies in 8 EU countries, at: http://heron-project.eu/images/Deliverables/649690_Status-quo_analysis_of_energy_efficiency_policies_in_8_EU_countries.pdf

Deliverable D.1.3 – Interlinkage and synergies between selected other policy areas and energy efficiency, at: http://heron-

 $project.eu/images/Deliverables/649690_Interlinkage_and_synergies_between_selected_other_policy_areas_and_energy_efficiency.pdf$

Deliverable 1.4 – Technological trends, at: http://heron-project.eu/images/Deliverables/

649690_Technological_Trends_in_energy_efficiency.pdf

Deliverable 2.1 – Working paper on Social, Economic, Cultural and Educational Barriers in Buildings and Transport, at: http://heron-project.eu/index.php/publications/deliverables-list

Deliverable 2.2 - Working paper on cross-cutting barriers across buildings and transport sector, at: http://heron-project.eu/index.php/publications/deliverables-list

Azerbaijan: SOCAR and Axens from France signed an agreement on construction of diesel fuel and gasoline hydrotreating unit in the territory of Heydar Aliyev Baku Oil Refinery.

(SOCAR, 28-10-2015) – Details at: http://www.socar.az/socar/en/news-and-media/news-archives/news-archives/2015/10

EU: Conclusions about the State of Europe's Forests 2015 were in the report, which was launched at the 7th FOREST EUROPE Ministerial Conference. The event was held in Madrid, Spain, on 20-21 October 2015.

(Forest Europe, October 2015) – Details at: http://www.foresteurope.org/state-europes-forests-2015-report and http://www.foresteurope.org/fullsoef2015

DG Energy released the study "Savings and benefits of global regulation for energy efficient products – A "cost of non-world" study – Final report".

(DG Energy, September 2015) – Details at: https://ec.europa.eu/energy/sites/ener/files/documents/Cost%20of%2 0Non-World%20-%20Final%20Report.pdf

The European Environmental Agency (EEA) released the "Trends and projections in Europe 2015 — Tracking progress towards Europe's climate and energy targets".

(EEA, 20-10-2015) – Details at: http://www.eea.europa.eu/publications/trends-and-projections-in-europe-2015

The next phase of the Global Climate Change Alliance (GCCA), known as GCCA+, has been launched by the EU to provide approximately €350 million in the period up to 2020 to support developing countries' fight against climate change. GCCA+ will focus on the most vulnerable countries and use the EU funds to leverage additional investments from private and public sources.

(European Commission, 29-10-2015)-Details at: http://www.gcca.eu/and http://europa.eu/rapid/press-release_IP-15-5943_en.htm

International: The UN Conference on Trade and Development (UNCTAD) released the policy brief 'Trade and Climate Change Policy Beyond 2015,' about

the relationship between climate change and trade policies. It draws attention to changes in the policy landscape resulting from the adoption of the UN post-2015 development agenda, the Sustainable Development Goals and a global climate change agreement.

(UNCTAD, 3-9-2015) – Details at: http://unctad.org/en/pages/newsdetails.aspx?OriginalVersionID=1071 &Sitemap_x0020_Taxonomy=UNCTAD%20Home;#1385;

A report by the UN Economic Commission for Latin America and the Caribbean (ECLAC) about for the Millennium Development Goals (MDGs) finds "a mixed picture": while the region as a whole has made significant strides toward some MDG targets, progress has been uneven from one country to the next.

(ECLAC, 3-9-2015) - Details at:

http://www.cepal.org/en/pressreleases/eclac-region-achieved-several-key-goals-mdgs-starting-point-2030-agenda

The UNFCCC Secretariat published a report (FCCC/SBI/2015/12) for the workshop on gender-responsive climate policy (held during the Bonn Climate Change Conference in June 2015). The workshop examined how gender considerations are integrated into UNFCCC processes, especially with regard to mitigation action, technology development and transfer.

(UNFCCC, 11-9-2015) – Details at: http://unfccc.int/resource/docs/2015/sbi/eng/12.pdf

From 8-11 September 2015, the GFCS Observation Workshop Central Asia was held in Bishkek, Kyrgyzstan and convened under the auspices of the Global Framework for Climate Services (GFCS), an initiative spearheaded by the World Meteorological Organization (WMO). Central Asian countries received training and information on the latest developments in delivering climate data, products and services for informed decision making for climate-sensitive sectors.

(WMO, 11-9-2015) – Details at: https://www.wmo.int/media/content/central-asian-countries-prepare-climate-services

The UNFCCC Secretariat published the report (FCCC/CP/2015/3) submitted by the Green Climate Fund (GCF) to the Conference of the Parties (COP). The report informs the COP of the GCF's implementation of policies, programme priorities and eligibility criteria provided by the COP, and relates the extent to which COP guidance has been adhered to by the GCF Board (GCFB).

(UNFCCC, 21-9-2015) – Details at: http://unfccc.int/resource/docs/2015/cop21/eng/03.pdf

Representatives of six African nations and development partners launched the Central African Forest Initiative (CAFI) at a high-level event in New York, USA. CAFI aims to reduce deforestation and forest degradation in Central Africa through mitigating climate change, reducing poverty and contributing to sustainable development.

(FAO, 29-9-2015) – Details at: http://www.fao.org/news/story/en/item/333950/icode/

The International Energy Agency (IEA) launched the report 'Medium-Term Renewable Energy Market Report 2015,' that assesses market trends for renewable energy in the electricity, transport and heating sectors. It was launched during the G20 Energy Ministers Meeting in Istanbul, Turkey, on 2 Oct. 2015.

(IEA, 2-10-2015) – Details at: http://www.iea.org/newsroomandevents/events/name-38713-en.html

The Renewable Energy Policy Network for the 21st Century (REN21) and the UN Industrial Development Organization (UNIDO) published the report, 'SADC Renewable Energy and Energy Efficiency Status Report,' that illustrates the achievements of cooperation in the Southern African Development Community (SADC) in promoting the market-based uptake of renewable energy and energy efficient technologies and services. It was presented at a side event during the South Africa International Renewable Energy Conference (SAIREC) 2015, which convened from 4-7 October 2015 in Cape Town, South Africa.

(SAIREC, 7-10-2015) – Detail at: http://www.sairec.org.za/ and http://www.ren21.net/wp-content/uploads/2015/10/REN21_SADC_Report_web.pdf

The International Renewable Energy Agency (IRENA) released the report 'The Age of Renewable Energy: Designing National Roadmaps for a Successful Transformation,' that proposes a framework for the development of national roadmaps for power sector transformations. It identifies 20 measures to integrate variable renewable energy sources into electricity grids and presents lessons from countries already pursuing a power system transformation to renewable energy.

(IRENA, 8-10-2015) – Details at: http://www.irena.org/News/Description.aspx?NType=A&mnu=cat&Pri MenuID=16&CatID=84&News_ID=426 and http://www.irena.org/DocumentDownloads/Publications/IRENA_PST_ Age_of_Renewable_Power_2015.pdf

The UNFCCC Secretariat released the third annual report to the Conference of the Parties (COP) on the operation of the registry of nationally appropriate mitigation actions (FCCC/CP/2015/INF.2).

(UNFCCC, 12-10-2015) – Details at: http://unfccc.int/resource/docs/2015/cop21/eng/inf02.pdf

The UN Environment Programme (UNEP) DTU Partnership (UDP) published a report, titled 'The Multiple Benefits of Measures to Improve Energy

Efficiency,' analyzing the various benefits of national energy efficiency programmes.

(UNEP partnership, 13-10-2015) – Details at: http://www.unepdtu.org/Newsbase/Nyhed?id=B42B0A4B-A436-4C71-B8D4-CAB4EB8E6928

The analysis, "Fair Shares: A Civil Society Equity Review of INDCs", is an independent review supported by WWF and a diverse group of civil society organisations, social movements, trade unions and faith groups. The analysis measures the fair share of climate effort that each country should be responsible for against their level of responsibility and capability, and finds that some countries have contributed their fair share of effort, while others have not.

(WWF, 19-10-2015) – Details at: http://wwf.panda.org/about_our_earth/aboutcc/news/?254852/Civil-society-review-WWF and http://civilsocietyreview.org/wp-content/uploads/2015/11/CSO_FullReport.pdf

The Organisation for Economic Co-operation and Development (OECD) published an analysis of climate change mitigation policies in 44 countries, which finds that governments in these countries must significantly enhance their climate change policies in order to realize their intended nationally determined contributions (INDCs) and achieve the goal of limiting the temperature rise to 2°C above pre-industrial levels.

(OECD, 20-10-2015) – Details at: http://www.oecd.org/environment/cc/climate-change-mitigation-9789264238787-en.htm

The Organisation for Economic Co-operation and Development (OECD) released its 'Environment at a Glance 2015,' which updates environmental, socioeconomic and sectoral indicators for OECD countries. The publication, which provides an overview of OECD country progress on major environmental issues, is intended to inform policy development and evaluation.

(OECD, 26-10-2015) – Details at: http://www.oecd-ilibrary.org/environment/environment-at-a-glance-2015_9789264235199-en;jsessionid=v4658di5gpg8.x-oecd-live-03 and http://www.oecd.org/environment/environment-at-a-glance-19964064 htm

The Global Climate Observing System (GCOS) released the report 'Status of the Global Observing System for Climate,' which reviews the overall status of Essential Climate Variables (ECVs) that support the work of the UNFCCC, and assesses progress made on the latest GCOS implementation plan.

 $\label{eq:wmo_action} \begin{tabular}{ll} $(WMO, 26-10-2015) - Details at: $http://www.wmo.int/media/content/progress-global-observing-system-climate \end{tabular}$

The UNFCCC Secretariat released a synthesis report on the aggregate effect of the Intended Nationally Determined Contributions (INDCs) submitted by Parties as of 1 October 2015. The report underscores that, while the INDCs could deliver sizable emissions reductions and slow emissions growth over the next 10 years, their implementation will not result in aggregate annual emissions consistent with least-cost 2°C scenarios levels.

(UNFCCC, 30-10-2015) – Details at: http://newsroom.unfccc.int/unfccc-newsroom/indc-synthesis-report-press-release/ and http://unfccc.int/focus/indc_portal/items/9240.php

Serbia: The European Bank for Reconstruction and Development (EBRD) supports a comprehensive reform programme for the power sector in Serbia by extending a €200 million restructuring line to Elektroprivreda Srbije (EPS), a state-owned utility that generates, distributes and supplies electricity across the country.

(Electric Power Industry of Serbia, 30-10-2015) – Details at: http://www.eps.rs/Eng/Article.aspx?lista=Novosti&id=44

Sareer opportunities

November

The Annual Polis Conference, 19-20 November 2015, Brussels, Belgium, http://www.polisnetwork.eu/2015conference

"Urban Futures" Conference, 25-26 November 2015, Berlin, Germany, http://www.urban-futures.de/en.html

Third EU-Norway Energy Conference, 27 November 2015, Brussels, Belgium, http://ec.europa.eu/energy/en/events/3rd-eunorway-energy-conference

21st session of the Conference of the Parties (COP) and 11th session of the COP serving as the meeting of the Parties to the Kyoto Protocol (CMP), 30 November - 11 2015, Paris, http://unfccc.int/meetings/paris_nov_2015/meeting/8926.php

December

nternational Events

Water, Megacities and Global Change, 1-4 December 2015, UNESCO Headquarters in Paris, http://eaumega2015.sciencesconf.org/resource/page/id/13

Big Data and the 2030 Agenda for Sustainable Development: Achieving the Development Goals in the Asia and the Pacific Region, 14-15 December 2015, Thailand, http://www.unescap.org/events/call-Bangkok. participants-big-data-and-2030-agenda-sustainabledevelopment-achieving-development

Public seminar UNDP on Monitoring and Evaluation of the Sustainable Development Goals, 14 December 2015, UN University Headquarters in Tokyo, Japan, organized by the UNU Institute for the Advanced Study of Sustainability (UNU-Society IAS) and the Japan Evaluation http://unu.edu/events/upcoming/undp-on-monitoring-andevaluation-of-the-sustainable-developmentgoals.html#overview

Modelling energy scenarios for south eastern Europe -Workshop, 15 December 2015, Vienna, Austria, organized by the Institute for Energy and Transport of the Joint Research https://ec.europa.eu/jrc/en/event/workshop/modellingenergy-scenarios-south-eastern-europe?search

Oxford Forum for Sustainable Cities, 17-21 December Balliol College, Oxford, UK, http://environmenteurope.org/education/6

International Conference on Energy Systems, 23-25 December 2015, Istanbul, Turkey, http://www.ices2015conference.com/index.php

January

World Future Energy Summit 2016, 18-21 January 2016, Abu Dhabi National Exhibition Center, United Arab Emirates, http://www.worldfutureenergysummit.com/Portal/aboutwfes/overview/why-abu-dhabi.aspx

International Renewable Energy Agency (IRENA) Internship Deadline: Open. **Details** 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 https://unfccc.int/secretariat/internship_programme/items/2653.php

IPCC Working Group 1, Position: Head of the Technical Support Unit - located at the University of Paris-Saclay (France). Deadline: until suitable applicant is found. Details at: http://www.ipcc.ch/pdf/vacancies/vn_151116_AR6_WGI_TSU_head.pdf

Greenfish, Position: Project Manager Industrial Energy Efficiency Brussels. Deadline: Not mentioned. Details at: http://www.greenfish.eu/jobs/environmental-coordinator-2/

Agency for Cooperation of Energy Regulators, Position: Traineeship. Deadline: 3 January 2016. Details at: http://www.acer.europa.eu/The_agency/Working_at_ACER/Pag es/Currrent-vacancies.aspx

Carbon Market Watch, Position: Policy Officer. Deadline: 4 January 2016. Details at: http://carbonmarketwatch.org/carbonmarket-watch-is-looking-for-a-dynamic-and-creative-policyofficer-2/

The International Development Research Centre Act of Canada, Position: Program Manager - Climate Change. 2016. **January Details** http://chc.tbe.taleo.net/chc04/ats/careers/requisition.jsp?org=ID RC&cws=1&rid=545

The Sustainable Transport Unit of the Institute for Energy and Transport. Position: FG IV - Scientific Project Officer Technology and policy analyst for autonomous road transport. 6 January 2015. http://recruitment.jrc.ec.europa.eu/

The Sustainable Transport Unit of the Institute for Energy and Transport, Position: FG IV Scientific/ Technical project officer - Traffic emission modeler. Deadline: 6 January 2016. Details at: http://recruitment.jrc.ec.europa.eu/

Energy Community Secretariat, Position: Internship Opportunity in the Gas Unit. Deadline: 10 January 2016. Details at: https://www.energycommunity.org/portal/page/portal/ENC_HOME/SECRETARIAT/ Job/Secondees/02_2015_GAS

International Institute for Applied Systems Analysis. Position: summer 2016 Science Communication Internship. Details Deadline: 11 2016. at: January http://www.iiasa.ac.at/web/home/about/workingatiiasa/vacancie s/COM-Intern.en.html

Center for Clean Air Policy (CCAP), Position: Transportation & Climate Change Paid Internship. Deadline: 12 January 2016. Details at: http://ccap.org/careers/transportation-climate-change-paidinternship/

Energy Community Secretariat, Position: Energy lawyer. Deadline: 20 January 2016. Details at: https://www.energycommunity.org/portal/page/portal/ENC_HOME/SECRETARIAT/ Job/Legal_01_2015

European University institute, Position: Research Assistant in the Robert Schuman Centre for Advanced Studies - Scientific coordination of the "EU Energy Law & Policy" area of the Florence School of Regulation: 50% coordination and 50% research. Deadline: 31 January 2016. Details at: http://www.eui.eu/Documents/ServicesAdmin/AcademicService/ JobOpportunities/2015/RSC44Hancher.pdf

Center for International Forestry Research (CIFOR), Position: Director CGIAR Research Program on Forests, Trees, and Agroforestry (FTA). Deadline: 15 March 2016. Details at: http://www.cifor.org/career/96/director-cgiar-research-program-onforests-trees-and-agroforestry-fta-2/

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