



ENVIMPACT and **PROCEED** are two projects funded under FP7 with the common objectives to improve the current communication of environmental research results deriving from Central-Eastern European (CEE) countries, to enhance the uptake of research results and foster the participation of CEEC in EU-funded research projects through S&T cooperation with other European partners.

ENVIMPACT and PROCEED are looking at research results in the field of **air pollution, chemical pollution and environmental technologies**.

News from ENVIMPACT & PROCEED

Dr. Anelia Kenarova presented ENVIMPACT at the PROCEED international working meeting conducted on 28-29 June, 2011. The participants were PROCEED partners, representatives of Bulgarian private and state business and from Bulgarian Ministry of Environment and Water.

Download materials <http://download.apre.it/Sunisbg.pdf>

Events & interesting initiatives

International Conference Environment – Landscape – European Identity

The **International Conference Environment – Landscape – European Identity** will be held *November 4 – 6, 2011* in Bucharest, Romania

The meeting provides a forum for presentation of recent results and discussion on environment, landscape and European territorial identity, three topics that interfere with each other in the context of sustainable development. The conference aims to bring together and to facilitate interdisciplinary dialogue between scientists, researchers, practitioners and representatives of local authorities.



More info: www.geo.portiledefier.ro/

Summary

News from ENVIMPACT & PROCEED

Events & interesting initiatives

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- 5th International Conference on Energy and Environment
- ÖKOINDUSTRIA- International Environmental Industry, Energy Efficiency and Renewable Energy Exhibition
- AquaMatch brokerage event
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- Haskovo water treatment plant is operational
- Higher atmospheric CO₂ triggers release of potent greenhouse gases
- New study shows ocean's carbon catching ability under threat
- Ministry of Environment and water AWARDING PRIZES "Green Bulgaria" FOR THE MOST ACTIVE MUNICIPALITIES IN OPE
- 'Cling-film' Solar Cells Could Lead to Advance in Renewable Energy
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HPCe - High Performance Computing with application in environment

Workshop on High Performance Computing with Applications in Environment, Timisoara, Romania, *September 26 - 29, 2011*

The purpose of this workshop is to present and discuss the state-of-the-art in high-performance scientific computing with applications in environment. Thus, the presentations will focus on environmental application needing high-performance computing, physical modeling of large-scale problems, and the development of scalable algorithms for solving large scale problems on modern parallel and distributed high-performance computing platforms, including multicore architectures, GPGUs/GPUs, and clusters.



More Info: <http://synasc11.info.uvt.ro>

5th International Conference on Energy and Environment

3 - 4 November 2011, Bucharest, Romania



The International Conference on ENERGY and ENVIRONMENT (CIEM) is organised by the University POLITEHNICA of Bucharest, Institute for Studies and Power Engineering and WEC-Romanian National Committee in collaboration with the main Romanian companies, agencies and associations from the energy and environment sectors. The Conference is held under the auspices of Academy of Romanian Scientists.

More info www.ciem2011.energ.pub.ro

ÖKOINDUSTRIA- International Environmental Industry, Energy Efficiency and Renewable Energy Exhibition

ÖKOINDUSTRIA- International Environmental Industry, Energy Efficiency and Renewable Energy Exhibition will be on 16-18 November 2011 in Budapest, Hungary at the SYMA Sport and Event Centre.

ÖKOINDUSTRIA 2011 will be covering all environmental issues: renewable energies, energy efficiency, eco-building, climate protection, prevention, waste, secondary raw material and production from waste, water, soil, biotechnology, air, noise and vibration protection.



More info: <http://www.okoindustria.hu/index.php?Itemid=58>



AquaMatch brokerage event

The AquaMatch brokerage event will gather companies, research institutes and universities active on water technologies, from Europe and beyond. It offers an efficient way to start technological or research collaborations with key players from the water sector.



On Thursday November 3rd 2011, the AquaMatch will take place at the Aquatech during the first edition of the International Water Week (IWW) Amsterdam.

To register please submit your collaboration profile online at www.b2match.eu/aquamatch

Environment Protection Fair 2011 EcoForum EXPO



Cutting-edge technologies, innovative solutions, a platform for exchange of knowledge and experience – this briefly characterize the Environment Protection Fair 2011, which will be held from 21 to 23 September 2011 at the Trade Fairs Center of International Lublin Trade Fairs JSC.

Environment Protection Fair 2011 is the time when in one place specialists in research and implementation of new solutions can meet.

The Environment Protection Fair is also a place where everyone interested in the subject can discuss, exchange experiences, share knowledge and learn about everything that is currently associated with ecology.

More information: <http://targi.lublin.pl/targi/2011/srodowisko/en/>

Research highlights

Haskovo water treatment plant is operational

Haskovo has a new wastewater treatment plant. The new plant will reduce pollution of the Maritsa River and its tributaries and improve water quality in the Aegean Sea. Officially opened on June 22, 2011.



More information <http://3e-news.net/en/ecology/item/haskovo-water-treatment-plant-is-operational.html>



Higher atmospheric CO₂ triggers release of potent greenhouse gases

A new research study led by Trinity College Dublin in Ireland suggests that soil releases the potent greenhouse gases methane and nitrous oxide when a bigger concentration of carbon dioxide (CO₂) is found in the atmosphere. The findings, published in the journal Nature, are funded in part by a Marie Curie Actions grant under the EU's Seventh Framework Programme (FP7). The researchers believe that the capacity of land ecosystems to mitigate global warming has been overestimated.



More Information: http://cordis.europa.eu/fetch?CALLER=EN_NEWS&ACTION=D&SESSION=â&RCN=33634

New study shows ocean's carbon catching ability under threat



The ocean is Earth's biggest tool in managing emissions, soaking up nearly one third of all human carbon emissions. But how long can the planet's largest carbon absorber keep this up for? Now, a team of international EU-funded researchers has analysed how climate change is affecting the ocean's capacity to guzzle up carbon emissions.

More Information http://cordis.europa.eu/fetch?CALLER=EN_NEWS&ACTION=D&RCN=33614

Ministry of Environment and Water AWARDING PRIZES "GREEN BULGARIA" FOR THE MOST ACTIVE MUNICIPALITIES IN OPE

Nona Karadjova Minister and Deputy Minister Ivelina Vasileva awarded the most active communities with projects under the Operational Programme "Environment". They gave a total of 9 awards in five categories and one special award for cooperation. Throughout the program were spent over 300 million for major infrastructure projects.



More Information <http://ope.moew.government.bg/en/news/current>



'Cling-film' Solar Cells Could Lead to Advance in Renewable Energy



A scientific advance in renewable energy which promises a revolution in the ease and cost of using solar cells. A new study shows that even when using very simple and inexpensive manufacturing methods - where flexible layers of material are deposited over large areas like cling-film - efficient solar cell structures can be made.

More Information http://www.greenprogress.com/alternative_energy_article.php?id=1781

New calls published in FP7 Environment (including climate change) theme

The FP7 2012 Environment (including Climate Change) calls have been published last 20th of July 2011 under the heading: "Transformative and Responsible Innovation" with an indicative budget of about 270 €Million.

Two calls are foreseen under the FP7 Environment Theme with two different deadlines (two stage and one stage) targeting five challenges, including climate change, sustainable use and management of land and seas, improving resource efficiency, protecting citizens from environmental hazards, and mobilizing environmental knowledge for policy, industry and society.



To download the workprogramme: ftp://ftp.cordis.europa.eu/pub/fp7/docs/wp/cooperation/environment/f-wp-201201_en.pdf

Useful resources

The European environment – state and outlook 2010

SOER 2010 provides a set of assessments of the current state of Europe's environment, its likely future state, what is being done and what could be done to improve it, how global megatrends might affect future trends... and more. One can find more information at

More information <http://www.eea.europa.eu/soer>



Call for tenders for support in the development of an instrument for fostering investment in clean technologies



The European Commission has published a call for tenders for support in the development of an instrument for fostering investment in clean technologies with allowances for the EU emission trading system.

More Information http://cordis.europa.eu/fetch?CALLER=EN_NEWS&ACTION=D&RCN=33623

Commission launches consultation on improving EU air quality policy

The objective of the consultation is to gather views and additional information on the effectiveness, strength and weaknesses of EU air quality legislation, in particular as regards Directive 2008/50/EC on ambient air quality and cleaner air for Europe and Directive 2004/107/EC relating to arsenic, cadmium, mercury, nickel and polyaromatic hydrocarbons in ambient air. This consultation marks the beginning of a broad consultation on the review of EU air policy foreseen to end in 2013 at the latest.



More Information: http://ec.europa.eu/environment/consultations/air_en.htm

High-Level Expert Group on Key Enabling Technologies : Final report (28 June 2011)

The High Level Expert Group (HLG) on Key Enabling Technologies (KETs) presented its final report to the Commission on 28 June 2011. The group was set up to develop possible policy measures to promote the industrial take-up of KETs by EU industries. In its final report, the group proposes 11 policy recommendations for the development and deployment of KETs in Europe.

More Information: http://ec.europa.eu/enterprise/sectors/ict/key_technologies/kets_high_level_group_en.htm

Info-Day on FP7 Environment Research Presentation

The European Commission (Research & Innovation DG - Directorate Environment) organized an InfoDay on FP7 Environment Research. The event aimed to highlight the novelties of the 2012 Work Programme due to be published in July. It is provide guidance on proposal preparation and submission.

You can download the presentations by <http://circa.europa.eu/Public/irc/rtd/env2012calls/library>