



**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

Is online the Envimpact-Proceed website at the following url: <http://www.envimpact.eu>. It hosts in a single website the two projects and the common logo represents this synergy. The modern layout and its usability are the strong point of this website and much visibility is given to the information about news, events and useful documents. It is also possible to download the Envimpact & Proceed Leaflet

## Events & interesting initiatives

### FP7 Environmental Research Brokerage Event - Focus Russia

A networking event in the field of ENVIRONMENT for European and Russian researchers will be held on the 17<sup>th</sup> June 2011 in Brussels, in conjunction with the info-day organized by the European Commission. The main aim of the event is to initiate competitive research project proposal in the field of ENVIRONMENT (including climate change) for the upcoming calls of the FP7 that will be published at the end of July. For more information <http://www.b2match.eu/environmentresearch2011>



**EURAL**  
EUROPEAN UNION AND RUSSIA LINK  
FOR S&T CO-OPERATION IN THE AREA  
OF THE ENVIRONMENT

## Summary

### News from ENVIMPACT & PROCEED

#### Events & interesting initiatives

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- Conference on Training, Career and Mobility of Researchers in the Innovation Union to be held on 28-29 June 2011 in Budapest
- 7th Regional Conference "Environment for Europe - EnE11"
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- Molten Carbonate Fuel Cells: an alternative and cleaner power supply for ships
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- A Resource - Efficient Europe - Flagship Initiative of the Europe 2020 strategy
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## Environment: Commission to provide € 267 million for new environmental projects

The European Commission has launched its annual call for proposals to be funded under the LIFE+ programme, the European fund for the environment. Proposals are welcome under one of the programme's three components: Nature and Biodiversity, Environment Policy and Governance, and Information and Communication.



A total of €267 million is available, in the form of co-funding for grant agreements. The call is open until 18 July 2011.

For more information: <http://ec.europa.eu/environment/life/funding/lifeplus.htm>

## Conference on Training, Career and Mobility of Researchers in the Innovation Union to be held on 28-29 June 2011 in Budapest

The main objective of the conference is to provide a suitable forum for discussing the training, career and mobility of researchers from different perspectives while highlighting challenges and best practices. As the Hungarian Presidency gives special attention to the involvement of young people as a horizontal priority, this conference will aim to promote the researchers' lifepaths and to encourage young people to embark on scientific careers. The conference will also provide an opportunity to present the achievements of the EURAXESS programme. More information: <http://www.tetalap.hu/eumobility/>

## 7th Regional Conference "Environment for Europe - EnE11"

The 7th Regional Conference „ Environment for Europe -EnE11” will be held on June 7-8, 2011 in Serbian Chamber of Commerce (Terazije 23, Beograd), with thematic focus this year: Rural and Sustainable Mountain Development. Traditionally, the main Conference organizers are „Environmental Ambassadors” and Serbian Chamber of Commerce.



For more information: <http://tinyurl.com/6yb87vq>

## World Environment Day 2011

World Environment Day (WED) is an annual event that is aimed at being the biggest and most widely celebrated global day for positive environmental action. WED activities take place all year round but climax





on 5 June every year, involving everyone from everywhere.

WED celebration began in 1972 and has grown to become the one of the main vehicles through which the UN stimulates worldwide awareness of the environment and encourages political attention and action.

Through WED, the UN Environment Programme is able to personalize environmental issues and enable everyone to realize not only their responsibility, but also their power to become agents for change in support of sustainable and equitable development.

For more information <http://hqweb.unep.org/wed/about/>

## **Research highlights**

### **GREEN-PRO - Promoting green products**

The environmental problems targeted by the project are the production and consumption of products, including the depletion of natural resources, the use of hazardous materials (such as chemicals) and waste generation. According to the European Environment Agency, some 4 tonnes/yr of waste is generated per capita in EEA member countries and the average European citizen throws away 520 kg/yr of waste, a figure that is expected to increase. The largest waste streams in Europe originate from the construction and demolition industries along with manufacturing. Some 45% of EU municipal waste is still sent to landfill.

### **CLEANWATER - Integrated system for protect and analyse the status and trends of water threatened by nitrogen pollution**

The Barlad river basin represents 17% of the surface of the Siret river basin - the largest in Romania and a major affluent of the Danube from the Eastern Romanian Carpathians. It is characterised by a high number of nitrate sources from agriculture and villages and has many 'nitrate vulnerable' zones. Along the 207 km of the Barlad river, at least 116 km is "at ecological risk" from pollution by nutrients coming from agriculture, non-treated domestic sources and industrial wastewater - particularly from the chemicals sector. Downstream of the city of Negresti, the nitrate concentration in the Barlad river is as high as 50 mg/l. In the 1990s, large areas of forest along the river were cleared, increasing the speed of nitrogen and phosphorus runoff. This trend is expected to increase as a result of climate change.



### EU-funded study sets sights on high-tech environmental researchers



Join the debate...

The University of Leicester in the UK is leading a team of experts who will launch a research centre that will train a new breed of hi-tech environmental researchers to use

the latest satellite technologies and tackle pressing issues arising from climate change. This Centre of Excellence is supported by the GIONET ('Initial operations network for Earth observation research training') project, which is backed with EUR 3.5 million under the Marie Curie Action - Networks for Initial Training of the EU's Seventh Framework Programme (FP7).

For more information: <http://www2.le.ac.uk/>

### Molten Carbonate Fuel Cells: an alternative and cleaner power supply for ships

A new application of Molten Carbonate Fuel Cell (MCFC) has been developed by the European-funded MC WAP research project to be eventually used as an alternative power supply for ships. This will be cleaner and avoid the pollution of the marine diesel engines which currently provide the power in the vast majority of the world's ships.

<http://tinyurl.com/6fu8gql>

### The energetically capitalization of emissions released from municipal landfills - VALENDEM

The overall objective is to analyze and establish solutions for energy recovery in emissions during the life cycle of municipal landfills. The project will be done by investigating the emission site in different locations and will complete the validation of energy recovery systems collect-gas emissions, deposit holders useful in operating and closing procedures.

Institutul National de Cercetare - Dezvoltare pentru Ecologie Industriala - ECOIND Bucuresti

<http://www.incdecoind.ro/valendem.htm>



## Useful resources

### Roadmap for moving to a low-carbon economy in 2050



The European Union is making real efforts to reduce its greenhouse gas emissions. Over the past two decades, emissions have gone down by 16%, whereas the economy has grown by 40% over the same period. If current policies are fully implemented, the EU is on track to achieve its targets for 2020 of reducing emissions to 20% below 1990 levels and raising the share of renewables in its energy mix to 20%. With its “[Roadmap for moving to a competitive low-carbon economy in 2050](#)” [66 KB] the European Commission is looking beyond these 2020 objectives and setting out a plan to meet the long-term target of reducing domestic emissions by 80 to 95% by mid-century as agreed by European Heads of State and governments.

For more information: [http://ec.europa.eu/clima/policies/roadmap/index\\_en.htm](http://ec.europa.eu/clima/policies/roadmap/index_en.htm)

### Better Policies to Support Eco-innovation - OECD Studies on Environmental Innovation



Eco-innovation is more important than ever on the public policy agenda. It is a major driver for green growth and contributes to the environmental performance and economic development of OECD and developing countries alike.

This report takes a pragmatic approach to policies that support the development and diffusion of eco-innovation. Building on the OECD Innovation Strategy, it argues that eco-innovation is not merely about technological developments: non-technical innovations matter as well.

For more information: <http://tinyurl.com/6jdxsbd>

### A Resource - Efficient Europe – Flagship Initiative of the Europe 2020 strategy



The flagship initiative for a resource-efficient Europe under the Europe 2020 strategy supports the shift towards a resource-efficient, low-carbon economy to achieve sustainable growth. “Resource-efficient Europe” provides a long-term framework for actions in many policy areas, supporting policy agendas for climate change, energy, transport, industry, raw materials, agriculture, fisheries, biodiversity and regional development.

Relevant documents are available at: [http://ec.europa.eu/resource-efficient-europe/index\\_en.htm](http://ec.europa.eu/resource-efficient-europe/index_en.htm)

**European research on environment and health funded by the Seventh Framework**



### Programme



Published by the European Commission, the catalogue collects over seventy multidisciplinary pan-European research projects dealing with environment and health issues have been funded by FP7. The projects presented address a multitude of scientific issues ranging from health impacts of climate change to environmental and health impacts of nanoparticles or chemicals.

[http://ec.europa.eu/research/environment/pdf/fp7\\_catalogue\\_eh.pdf#view=fit&pagemode=none](http://ec.europa.eu/research/environment/pdf/fp7_catalogue_eh.pdf#view=fit&pagemode=none)

### Chemicals

Starting in the late nineties and causing considerable debate, a new horizontal chemicals legislation was developed, and in 2007, [REACH](#) entered into force. REACH's primary aim is "to ensure a high level of protection of human health and the environment". In the coming decade, REACH will place the burden of proof on industry, which has to collect or generate the data necessary to ensure the safe use of chemicals. This data will be publicly available through the central database held at the [European Chemicals Agency](#) and will help to close the current information gap on chemicals.

<http://ec.europa.eu/environment/chemicals/index.htm>