

Newsletter

Environment

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- [FP7 Open Topics](#)
- [Open Calls](#)
- [Agreement on "HORIZON – 2020": the EU's research and Innovation programme for the years 2014 to 2020](#)
- [Horizon 2020 – The Framework Programme for Research and Innovation \(2014-2020\), Climate action, Resource efficiency and raw materials](#)
- [The Smart Cities Stakeholder Platform](#)
- [Best environmental management practices for the retail trade sector \(JRC\)](#)
- [Science at the Service of Europe: Cooperating to protect the environment](#)
- [Water and Society 2013: 2nd International Conference on Water and Society, 4-6 September, 2013, New Forest, UK](#)
- [8th Conference on Sustainable Development of Energy, Water & Environment Systems – SDEWES Conference, September 22-27, 2013, Dubrovnik, Croatia](#)
- [JRC & Euro-Case Round Table: the dialogue between science, technology & society around two cases: energy & climate change, 19 September 2013, Brussels](#)
- [The Energy and Climate Change Policy Network 4th open call, The PROMITHEAS Network is organizing for the sixth year the International Scientific Conference on "Energy and Climate Change", 9-11 October 2013, Athens, Greece](#)
- [ECOMEDIU Brokerage Event 16-Oct-2013 Arad, România](#)

FP7 Open Topics

Sustainable use and management of land and seas

1. **OCEAN 2013.1** Biosensors for real time monitoring of biohazard and man-made chemical contaminants in the marine environment
2. **OCEAN 2013.2** Innovative multifunctional sensors for in-situ monitoring of marine environment and related maritime activities
3. **OCEAN 2013.3** Innovative antifouling materials for maritime applications
4. **OCEAN 2013.4** Innovative transport and deployment systems for the offshore wind energy sector

[More...](#)

<http://cpi.asm.md/>
<http://fp7.asm.md/>
<http://ec.europa.eu>

Open Calls

Open call for proposal related to innovation and competitiveness

- *Expert evaluators Eco-innovation*

Deadline 2013-09-30

[More...](#)

Agreement on "HORIZON-2020":

the EU's research and Innovation programme for the years 2014 to 2020

The Committee of Permanent Representatives today endorsed the agreement reached last June between the Presidency of the Council and the European Parliament representatives on the "Horizon 2020" programme for research and innovation for the years 2014 to 2020.

The agreement paves the way for the formal adoption of the "Horizon 2020" legislative package by the European Parliament and the Council through a vote in the coming months.

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CLIMATE ACTION, RESOURCE EFFICIENCY AND RAW MATERIALS

The specific objective is to achieve a resource efficient and climate change resilient economy and a sustainable supply of raw materials, in order to meet the needs of a growing global population within the sustainable limits of the planet's natural resources. Activities will contribute to increasing European competitiveness and improving well being, whilst assuring environmental integrity and sustainability, keeping average global warming below 2 °C and enabling ecosystems and society to adapt to climate change

1. Fighting and adapting to climate change

The aim of this activity is therefore to develop and assess innovative, cost-effective and sustainable adaptation and mitigation measures, targeting both CO₂ and non-CO₂ greenhouse gases, and underlining both technological and non-technological green solutions, through the generation of evidence for informed, early and effective action and the networking of the required competences.

To achieve this, research and innovation will focus on the following:

1.1 Improve the understanding of climate change and the provision of reliable climate Projections;

1.2 Assess impacts, vulnerabilities and develop innovative cost-effective adaptation and risk prevention measures;

1.3 Support mitigation policies.

2. Sustainably managing natural resources and ecosystems

The aim of this activity is therefore to provide knowledge for the management of natural resources that achieves a sustainable balance between limited resources and the needs of society and the economy.

To achieve this, research and innovation will focus on the following:

2.1 Further our understanding of the functioning of ecosystems, their interactions with social systems and their role in sustaining the economy and human well-being;

2.2 Provide knowledge and tools for effective decision making and public engagement.

3. Ensuring the sustainable supply of non-energy and non-agricultural raw materials

The aim of this activity is therefore to improve the knowledge base on raw materials and develop innovative solutions for the cost-effective and environmentally friendly exploration, extraction, processing, recycling and recovery of raw materials and for their substitution by economically attractive alternatives with a lower environmental impact.

To achieve this, research and innovation will focus on the following:

3.1 Improve the knowledge base on the availability of raw materials;

3.2 Promote the sustainable supply and use of raw materials, covering exploration, extraction, processing, recycling and recovery;

3.3 Find alternatives for critical raw materials;

3.4 Improve societal awareness and skills on raw materials.

4. Enabling the transition towards a green economy through eco-innovation

The aim of this activity is therefore to foster all forms of eco-innovation that enable the transition to a green economy.

To achieve this, research and innovation will focus on the following:

4.1 Strengthen eco-innovative technologies, processes, services and products and boost their market uptake;

4.2 Support innovative policies and societal changes;

4.3 Measure and assess progress towards a green economy;

4.4 Foster resource efficiency through digital systems.

5. Developing comprehensive and sustained global environmental observation and information systems

6. Specific implementation aspects. [More...](#)

The Smart Cities Stakeholder Platform

If you don't see this email please visit the website [\[http://eu-smartcities.eu/\]](http://eu-smartcities.eu/) Smart Cities Annual Conference Outcomes [\[http://eusmartcities.eu/conference/outcomes\]](http://eusmartcities.eu/conference/outcomes)

The first year of the Smart Cities Stakeholder Platform produced a lot of discussion around technological solutions and new approaches to smart cities. The exchange of information and best practice promoted by the Platform across Europe, was the pillar and the starting point of all developments and debates in the Working Groups meetings. The Annual Conference was the occasion for... [\[http://eu-smartcities.eu/conference/outcomes\]](http://eu-smartcities.eu/conference/outcomes)

The Smart Cities Annual Conference closes its doors [\[http://eu-smartcities.eu/content/smart-cities-annual-conference-closes-its-doors\]](http://eu-smartcities.eu/content/smart-cities-annual-conference-closes-its-doors)

The Smart Cities Stakeholder Platform closes its 2013 edition of the Annual Conference after very successful two days full of presentations, panel discussions and focused sessions about best practices, showcases and projects for smart cities coming from all over Europe. [\[http://eu-smartcities.eu/content/smart-cities-annual-conference-closes-its-doors\]](http://eu-smartcities.eu/content/smart-cities-annual-conference-closes-its-doors)

Comment on the Finance Group Guidance Documents until 15th September [\[http://eu-smartcities.eu/content/comment-finance-group-guidance-documents-until-15th-september\]](http://eu-smartcities.eu/content/comment-finance-group-guidance-documents-until-15th-september)

The Annual Conference which took place in Budapest 5-6 June 2013, was the occasion for the Stakeholder Platform to show and discuss the first outcomes of the Working Groups. On Day 2, after the three technical WGs hosted the presentations of the 'top three' Keys to Innovation elected by the delegates, the Finance Group and the Roadmap Group presented several important documents as their contribution to the Platform. [More...](#)

Best environmental management practices

For the retail trade sector

An extensive set of best environmental management practices (BEMPs) has been identified and analysed by the JRC to allow organisations within the retail trade sector to minimise their direct and indirect impact on the environment. In its comprehensive report, the JRC describes several techniques, measures and actions to improve the energy performance, the sustainability of the supply chain, transport and logistics, waste and water management, and to influence consumer behaviour and consumption.

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Science at the Service of Europe: Cooperating to protect the environment

This activity supports environmental and climate policies and the competitiveness of European environment-related industries and businesses.

It contributes to the Europe 2020 Flagship Initiatives "Innovation Union" and "Resource Efficient Europe", as well as to a climate policy that supports a competitive low-carbon economy by 2050 and to the Commission's environmental policy.

Measures included closer-to-market initiatives (e.g. demonstration projects), fewer prescriptive calls for proposals targeting SMEs, leaving more room for new business models and innovative products, processes and solutions. Support is also provided to the Intergovernmental Panel for Climate Change (IPCC) and for the establishment of the Intergovernmental science policy Platform on Biodiversity and Ecosystem Services (IPBES).
Just started.
[More...](#)

Events

Water and Society 2013 2nd International Conference on Water and Society 4 - 6 September, 2013, New Forest, UK

Following the success of the first International Conference on Water and Society held in Las Vegas in 2011, it has been decided to reconvene the meeting in the New Forest, UK, a National Park where the Wessex Institute of Technology campus is located.

The conference provides a multi-disciplinary forum for the presentation and discussion of many issues affecting water resources today. The importance of water and its impact on civilisation and mankind are widely recognised. Issues regarding quality, quantity and technology associated with water are quickly becoming acknowledged as impending major issues that will require global involvement and financial support. Aside from mankind's reliance upon water for survival, water touches many different topics and industries.

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8th Conference on Sustainable Development of Energy, Water & Environment Systems – SDEWES Conference, 22-27 September, 2013, Dubrovnik, Croatia

The Conference is dedicated to the improvement & dissemination of knowledge on methods, policies & technologies for increasing the sustainability of development by de-coupling growth from natural resources, replacing them with knowledge based economy, taking into account its economic, environmental, social pillars, as well as methods for assessing, measuring sustainability of development, regarding energy, transport, water, environment, food production systems, their many combinations.

Sustainability being also a perfect field for interdisciplinary & multi-cultural evaluation of complex system, the SDEWES Conference has during the first decade of the 21st century become a significant venue for researchers in those areas to meet, originate, discuss, share, disseminate new ideas.

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JRC & Euro-Case Round Table: the dialogue between science, technology & society around two cases: energy & climate change, 19 September 2013, Brussels

The Joint Research Centre JRC of the EC & the EU Council of Academies of Applied Sciences, Technologies & Engineering, and Euro-CASE is organising the round table.

The impact of science & technology is becoming increasingly important in many aspects of our societies. The organisation of a strong dialogue between scientists, engineers, entrepreneurs, civil society, policy makers become more & more necessary to address major societal challenges of our time. A better understanding of these interactions is indispensable to facilitate a more balanced public debate and the link with the policy making.

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The Energy and Climate Change Policy Network 4th open call

**The PROMITHEAS
Network is organizing
for the sixth year the
International Scientific
Conference on “Energy
and Climate Change”**

**Policy Portfolios for
emerging economies, 9-
10-11 October**

2013 Athens (Greece)

The PROMITHEAS Conference started as an activity of a FP6 funded project and has developed as an annual Conference for scientists and researchers working in energy and climate change policy issues. The 1st PROMITHEAS Conference titled “Energy Investments and Trade Opportunities” in 2008 was a two-day event focused on political and scientific topics.

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ECOMEDIU Brokerage Event 16-Oct-2013 Arad, Romania

ECOMEDIU Brokerage Event is organized within ECOMEDIU - International Fair of technologies and equipment for drinking water preparing, technologies and utilities for waste water processing, urban, industrial and special waste management, projecting and execution of ecological landfills for urban and rural wastes, utilities for investigation, analyzing and quality control of water, air, ground, urban hygiene equipment and many other green technologies and products.

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