



Dear Subscriber,

Welcome to SEI's European Programme Update No.7.

SEI is the National Delegate and National Contact Point (NCP) for the Research and Technological Development (RTD) 7th Framework Programme and the NCP for Intelligent Energy Europe Programme. This Update is one aspect of SEI's European Energy Programme information dissemination strategy. Concentration is specifically placed on the upcoming RTD Framework 7, Intelligent Energy, and Competitiveness and Innovation Programmes. Further information on the content of these Programmes can be accessed by contacting Matthew Kennedy, NDP at matthew.kennedy@sei.ie

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Commission sets out plans for Fuel Cells and Hydrogen JTI

On 11th of October 2007 the European Commission released its proposal for a Fuel Cells and Hydrogen Joint Technology Initiative (JTI). The Commission hopes that the new public-private partnership will boost the development of hydrogen technologies to the point of commercial take-off between 2010 and 2020. The European Commission will contribute up to 470 million Euro to the project over the next six years, and this amount will have to be matched by private investments. The Fuel Cells and Hydrogen JTI is the fifth such initiative to be proposed by the Commission. The new proposal will see hydrogen vehicles treated in the same way as conventional vehicles, thereby saving manufacturers up to 124 million Euro in approval costs



over the period 2017-2025.

For further information, please visit:



http://ec.europa.eu/research/energy/index_en.htm



2008 Energy RTD call expected in November 2007

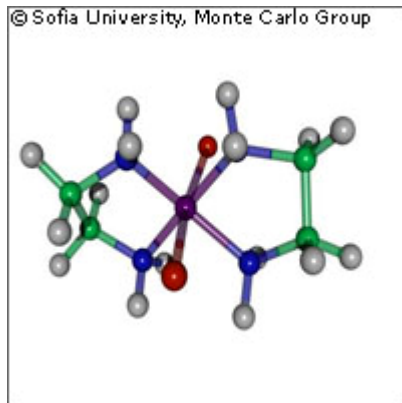
An RTD call with a total budget of 26.3M Euro is expected on 13th November 2007 with a call identifier of FP7-ENERGY-2008-1. The deadline for receipt of application is 5th February 2008 and the RTD Call will focus on

- International cooperation initiatives in the field of concentration photovoltaics,
- Pre-normative research for hydropower,
- International cooperation between the EU and Latin America in biofuels,
- CO₂ Capture and Storage
- Smart Energy networks and
- Energy efficiency of industrial heat exchangers and boilers

The 2008 Energy TREN Call for proposals is expected to be postponed until January 2008. This Call, expected in November 2008, is awaiting the details of the Strategic Energy Technology (SET) plan discussion at the Energy Council of Ministers and SET Plan discussion findings will be integrated into the Energy TREN Work Programme in time for the call, scheduled for January 2008.



Joint NMP and Energy Call for Proposals



A Novel Materials for energy applications (Joint Call with Energy) is expected to be issued on 13th November 2007 with a call identifier of FP7-ENERGY-NMP-2008-1. The call has an indicative budget of 25M Euro (of which 10M Euro for Theme 4 - NMP and 15M Euro from Theme 5 Energy) and will fund Collaborative Projects. The closing date for receipt of proposals is expected to be 5th February 2008.

A further call focusing on Future Emerging Technologies (FET) (ENERGY.2008.10.1.1) with a budget of 15 M Euro is also expected in mid November.

Stage 2 proposals, as per the 2007 Call for proposals, will be evaluated on the basis of the following three criteria: 1. S/T quality; 2. Implementation; 3. Impact. For each criterion marks from 0 to 5 will be given, with the possibility of half-point scores. Successful proposals must pass the minimum thresholds.



Next IEE call for proposals to be published in January 2008

The EACI expects to publish the next call in January 2008. Around Eur50 million will be available to fund projects and up to 75% of the eligible costs will be supported. More details on budgets, priorities, requirements, deadlines etc. will be added to the IEE webpage as they merge.



To help you apply for funding the EACI will organise a European Info Day on 31 January 2008 during the 2008 EU Sustainable Energy Week. You can get more information and register from 1 October 2007 on www.eusew.eu. The executive agency which has managed the IEE programme since mid-2005 has changed its name. It is now called EACI - the Executive Agency for Competitiveness and Innovation. In addition to the IEE programme, the EACI will from 2008 manage the European Commissions SME support network and eco-innovation initiatives, both part of the CIP framework, and the Marco Polo programme.

Information on call for proposals is available at:

 http://ec.europa.eu/energy/intelligent/call_for_proposals/index_en.htm



National Energy Efficiency Action Plan (NEEAP)

According to Article 14(2) of the Directive, Member States shall submit their first National Energy Efficiency Action Plan (NEEAP) to the Commission by June 30, 2007. In their NEEAPs, Member States should show how they intend to reach the 9% indicative energy savings target by 2016. NEEAPs shall describe the energy efficiency improvement measures that are aimed at achieving the savings targets set out in Article 4(1) of the Directive. Furthermore the NEEAPs shall describe how Member States intend to comply with the provisions on the exemplary role of the public sector and the provision of information and advice to final consumers.

Below please find National Energy Efficiency Action Plans and related communications that have been submitted to the Commission: the Energy Efficiency Action Plan as submitted to Brussels as required by the Energy Services Directive is now available at:

 http://ec.europa.eu/energy/demand/legislation/end_use_en.htm



Commission at work on the Renewable Energy Framework Directive

The Commission is working on a new Renewable Energy Framework Directive covering the electricity, heating and biofuels sectors. The Directive's objective is to implement policies needed to reach the 20% by 2020 target. The Directive proposal is planned to be released on the 5th of December. The decision of the 2007 Spring Council, where Europe's Heads of States have agreed to a binding target of 20% renewable energy by 2020 and a separate binding target of 10% for biofuels, has laid the ground for renewable energy sources to become a major pillar of the EU's future energy supply. If Europe wants to achieve the 20% target, timing is a key factor. The target will only be met if legislation on the European and the national level is adopted timely before the 2009 European Parliament elections.



New forum established for sustainable nuclear energy research



A Sustainable Nuclear Energy Technology Platform was launched in Brussels on 20th September that brought together researchers and industry to define and implement a Strategic Research Agenda and corresponding Deployment Strategy. This Sustainable Nuclear Energy Technology Platform brings together all nuclear energy stakeholders to implement their vision of how the sector should develop in the future, identifying the research needed to make that vision a reality. It will provide expert advice and recommendations to the European Commission and national governments to help define and concentrate the efforts and budgets on priorities agreed at EU level.


Further information is available at:
<http://www.snetp.eu>

http://ec.europa.eu/research/energy/fi/article_1121_en.htm

http://cordis.europa.eu/fp7/euratom/home_en.html



New EU interregional cooperation programme

 The Commission has adopted a first batch of four cross-border programmes under the new cohesion policy 2007-2013 (INTERREG IV). The "Ireland-Wales" region will again receive funding and focus on maritime cooperation. Total budget is 70 million Euro.

Further Information:

http://ec.europa.eu/regional_policy/index_en.htm

The New EU Interregional Co-operation Programme, INTERREG IV C, has a budget of 405 million Euro. A dedicated Environment and Risk Prevention theme has been established that concentrates on natural and technological risks, water-management, waste prevention and management, biodiversity and preservation of the natural heritage, energy and sustainable transport, and the cultural heritage and landscape. A further Innovation and the Knowledge-based Economy theme focuses mainly on innovation, research and technology. ERDF contribution: 177 million Euro.

A call for proposals is currently open and further information is available at:

www.interreg3c.net

http://ec.europa.eu/regional_policy/index_en.htm



Future events



RES2020 Workshop to be held on 22 October 2007

The International Workshop of the RES2020 Project: Renewable Energy Sources: Potentials in the EU27 Member States and Modelling Methodologies using TIMES will be held in Amsterdam on 22 October 2007. The RES2020 project aims at analysing the present situation in the RES implementation, defining future options for policies and measures, calculating concrete targets for the RES contribution that can be achieved by the implementation of these options and finally examining the implications of the achievement of these targets to the European Economy. All the renewable energy options are examined, with the use of an energy systems model, TIMES, that offers this possibility. The TIMES energy systems analysis model, developed in the framework of the ETSAP Implementing Agreement of the IEA, will be applied in the scenario analysis stage of the project. Furthermore, a number of future options for policies and measures will be defined and studied with the use of TIMES, in order to analyse the quantitative effects of RES development. As such, the main objective of the RES2020 workshop is to ensure the direct involvement of National experts from the European Member States in the crucial stages of data analysis, model upgrade, and scenario definition.

More information is available at:



<http://www.res2020.eu/>



European Sustainable Energy Week 2008

The EU Sustainable Energy Week 2008 will be the key meeting place for anyone interested in sustainable energy in Europe. From 28 January to 1 February 2008 dozens of conferences, workshops, seminars and media events will be organised both in Brussels and in other cities across Europe. The Sustainable Energy Week is being organised by the European Commissions Directorate-General for Energy and Transport and it is supported by other European institutions and major stakeholders.

More information is available at:

www.eusew.eu



Sustainable Energy Awards

The European Commission is now inviting entries for the Sustainable Energy Europe Awards, which aim to promote, showcase and reward outstanding projects and programmes in the field of sustainable energy and energy efficiency. The competition is open to bodies active in the field of sustainable energy innovation. **Deadline for entries: 19 October 2007.**

More information is available at:

http://www.sustenergy.org/tpl/page.cfm?pageName=award_competition



Call for expert Evaluators



The website to register as an expert for research activities is available on CORDIS. The call for experts is open both for individuals and for organisations.

Further Information:

<https://cordis.europa.eu/emmfp7/index.cfm?fuseaction=wel.welcome>



Upcoming FP7 Energy related events



European Biofuels Technology Platform (EBFTP).
31 January 2008, Brussels, Belgium _ EBFTP stakeholder plenary meeting.

Visit for more details: <http://www.biofuelstp.eu/events.html#forth>



European Steel Technology Platform (ESTEP)
17 October 2007, Brussels, Belgium _ Support group meeting
8-9 November 2007, Düsseldorf, Germany _ STAHL 2007
27 February 2008, Brussels, Belgium _ Steering Committee meeting

Further information: http://cordis.europa.eu/estep/events_en.html



European Hydrogen and Fuel Cell Technology Platform (HFP)
10-11 October 2007, Brussels, Belgium _ Review Days_07

Further information: <https://www.hfpeurope.org/>



Public IRED Workshop on Electricity and Mobility (Gridintegration and Transportation)
7 November 2007, Monastery Banz, Bad Staffelstein, Germany



European Technology Platform for the electricity networks of the future (SmartGrids)
8-9 November 2007, Kloster Banz, Germany _ Second general assembly

Further information: <http://www.smartgrids.eu/> Online registration is now open! You can directly register for the 2nd General Assembly online under following link:
<http://energie.otti.de/SmartGrids/gsq2714.pdf>



European Wind Energy Technology Platform (TPWind)
4-6 December 2007, Berlin, Germany _ European Offshore Wind Conference & Exhibition
31 March _ 3 April 2008, Brussels, Belgium _ EWEC 2008 Conference

Further information: <http://www.windplatform.eu/10.0.html>



Zero Emission Fossil Fuel Power Plants Technology Platform (ETP ZEP)
6-8 November 2007, Lisbon, Portugal - 2007 Annual CO2NET Seminar
13-15 November 2007, Rome, Italy _ World Energy Conference

Further information: <http://www.zero-emissionplatform.eu/website/>

This Update represents a new departure for SEI as it attempts to provide relevant information on EU Programmes, and their impact, in Ireland. SEI will continuously try to improve this Update and welcomes all comments and suggestions for improvement. If you know someone else who would like to be placed on our EU Programmes mailing list, please advise them to email their details to: euprog@sei.ie