

We're here to help you

The EU Energy Focus service is a free, Government-funded service that aims to ensure that UK companies, research institutions and other organisations are well informed and have every chance of success in applying for and securing European funding for energy-related projects. Our services include one-to-one discussion of proposal ideas, webinars on key subjects and review of draft proposals. Through this bulletin we aim to provide you with information on sustainable energy policy and funding in Europe and in the UK.



The EU Energy Focus support service will be closed from 23rd December and will reopen on 3rd January 2012. The team would like to wish you a merry Christmas and a happy New Year.



Framework Programme 7

Horizon 2020 plans

On 30th November the European Commission announced Horizon 2020, an 80B€ programme for investment in research and innovation. The funding programme will run from 2014 to 2020. Horizon 2020 will bring together all EU research and innovation funding under a single programme. It focuses more than ever on turning scientific breakthroughs into innovative products and services. At the same time it aims to drastically cut red tape, with simplification of rules and procedures to attract top researchers and a broader range of innovative businesses.

Horizon 2020 will focus funds on three key objectives. It will support the EU's position as a world leader in science with a dedicated budget of 24.6B€, including an increase in funding of 77% for the very successful European Research Council (ERC). It will help secure industrial leadership in innovation with a budget of 17.9B€. This includes a major investment of 13.7B€ in key technologies, as well as greater access to capital and support for SMEs. Finally, 31.7B€ will go towards addressing major concerns shared by all Europeans, across six key themes: Health, demographic change and well-being; Food security, sustainable agriculture, marine and maritime research and the bio-economy; Secure, clean and efficient energy; Smart, green and integrated transport; Climate action, resource efficiency and raw materials; and Inclusive, innovative and secure societies.

More information can be found at http://ec.europa.eu/research/horizon2020/index_en.cfm?pg=home

FP7 Energy Calls for Proposals

The 2012 FP7 Energy Calls for Proposals were launched on 20th July 2011. The Call documentation can be downloaded at <http://ec.europa.eu/research/participants/portal/page/cooperation#energy>

The one remaining 2012 FP7 Energy Call deadline is **8th March 2012**. A summary of the Call content can be accessed at <http://www.energiehelpline.co.uk/fp7/fp7-calls-for-proposals>

European Information Day on the 2012 FP7 Energy Calls for Proposals

The European Information Day on the 2012 FP7 Energy Calls for Proposals took place in Brussels on 7th July 2011. A recording of the event can be accessed at

<http://webcast.ec.europa.eu/eutv/portal/archive.html?viewConference=12591&catId=12521>

This is an excellent opportunity to hear directly from the Commission Scientific Officers.

UK Information Day on the 2012 FP7 Energy Calls for Proposals

A UK Information Day on the 2012 FP7 Energy Calls for Proposals was held in London on 13th July 2011. The presentations from this event are available to download at <http://www.energiehelpline.co.uk/fp7/fp7-calls-for-proposals>

Intelligent Energy Europe (IEE)

IEE 2012 European Information Day

The IEE work programme 2012 is on track for adoption by January 2012. The European information Day on the 2012 Call for Proposals will be held in Brussels on 24th January 2012. You can register for the Information Day at http://ec.europa.eu/energy/intelligent/events/2012/european-info-day_en.htm

UK IEE 2012 Information Day

The UK Information Day on the 2012 Call for Proposals will take place on 1st February 2012 in London. You can register at <http://www.surveymonkey.com/s/IEEInfoDay2012>. Places are limited so in order to ensure that as many key market actors (the Commission's target audience for the IEE Programme) as possible can attend we will review the registration requests on 20th January prior to sending out confirmations the following week.

European Developments

2011 Technology Map of the Strategic Energy Technology Plan now available

The third edition of the Technology Map addresses 20 different technologies, covering the whole spectrum of the energy system, including both supply and demand technologies. The Technology Map is prepared by Joint Research Centre scientists in collaboration with colleagues from other services of the European Commission and with experts from industry, national authorities and academia. The document includes:

- a concise assessment of the state of the art of a wide portfolio of low-carbon energy technologies;
- their current and estimated future market penetration and the barriers to their large-scale deployment;
- the ongoing and planned R&D and demonstration efforts to overcome technological barriers; and,
- reference values for their operational and economic performance, which can be used for the modelling and analytical work performed in support of implementation of the SET-Plan.

More information can be found at

<http://setis.ec.europa.eu/newsroom-items-folder/2011-technology-map-of-the-set-plan-now-available>

UK news

DECC red tape challenge – opportunity to submit comments by 30th December

The Red Tape Challenge has been designed to allow the public to scrutinise government regulations and discuss ways in which the aims of these regulations can be fulfilled in the least burdensome way possible. It will ensure that outdated or ineffective regulations are identified and removed or replaced with a more effective way of achieving their goals. The Red Tape Challenge is being run in a series of themes, which remain live on the Red Tape Challenge website for 5 weeks. The focus is on DECC priorities until 30th December. More information and the details of how to submit comments can be found at <http://www.redtapechallenge.cabinetoffice.gov.uk/home/index/>

£30 million for community green schemes and public sector energy efficiency

A new £10 million Local Energy Assessment Fund, managed by a number of community networks and administered by the Energy Saving Trust, will be run as a competition, with the chance for around 200 community organisations to get to grips with energy efficiency and renewable energy generation. Organisations including parish councils, voluntary associations, development trusts and faith groups are all eligible to apply. There is around £50,000 available for each successful community to be used

to help assess the potential for energy efficiency and local renewable energy generation and get things started in local communities. This is a short term scheme where work will need to be completed by the end of March 2012. Interested communities can apply via the Energy Saving Trust. The first round took place in December with successful applicants notified in the week beginning 9th January 2012. The second round will close to applications at noon on 20th January 2012 with successful communities notified at the end January. More information can be found at <http://www.greencommunitiescc.org.uk/>

In addition a further £20 million in Salix loans has been made available for public sector energy efficiency projects in England before the end of March 2012, saving organisations money on energy bills and reducing carbon emissions. Salix loans are provided for energy efficiency projects that pay for themselves within five years through lower energy bills. Repayments are made from the money saved on bills, and once the loan has been repaid the organisation will continue to benefit from the low carbon equipment and the savings it delivers. To date, the scheme has funded over 7,000 projects across Great Britain. Interested public sector organisations need to apply to Salix Finance Ltd and have their loan agreed by the end of March 2012. More information can be found at <http://www.salixfinance.co.uk/home.html>

£57 million for innovative smart grids projects

UK energy regulator Ofgem has announced the award of £57 million to six innovative smart grid projects. This is the latest allocation from the regulator's £500 million Low Carbon Networks (LCN) Fund. The Fund, which was established to cover the period from April 2010 to March 2015, makes £64 million available each year for a number of projects. More information can be found at <http://www.energyefficiencynews.com/policy/i/4678/>

National Biomass Suppliers Database launched

A new National Biomass Suppliers Database has been announced by the Biomass Energy Centre and Carbon Trust. Those looking to take advantage of the soon-to-be-released Renewable Heating Incentive (RHI) by heating their buildings or factories with wood will now find it easier to identify local and national companies which can supply them with woodfuel. The new map based listing is available on the Biomass Energy Centre website (<http://www.biomassenergycentre.org.uk>) and includes the details of more than 300 fuel suppliers operating across the UK. Potential end users are often unaware that the woodfuel supplychain is well established in many parts of the country, offering a viable alternative to oil and gas and this something the new resource seeks to address by making it easy for users to locate their nearest or preferable fuel supplier.

The service is free to use and woodfuel suppliers can get involved at no cost by simply registering and submitting their details online, the development of the service has been funded by the Carbon Trust while the Biomass Energy Centre provided much of the data currently displayed on the map and will administer the addition of additional fuel suppliers to the map.

More information can be found at

<http://www.carbontrust.co.uk/news/news/press-centre/2011/Pages/biomass-suppliers-database.aspx>

Events

European IEE Information Day, Brussels (Belgium), 24th January 2012

The European information Day on the 2012 Call for Proposals will be held in Brussels on 24th January 2012. You can register for the Information Day at

http://ec.europa.eu/energy/intelligent/events/2012/european-info-day_en.htm

UK IEE Information Day, London (UK), 1st February 2012

The UK information Day on the 2012 Call for Proposals will be held in London on 1st February 2012. You can register for the Information Day at <http://www.surveymonkey.com/s/IEEInfoDay2012>

RenewableUK Wave & Tidal 2012, Edinburgh (UK), 15th March 2012

The event includes conference sessions and an exhibition of over 50 companies. Over 450 government and industry professionals are expected to attend. More information can be found at

<http://www.renewable-uk.com/events/wave-tidal-conference/>

Background to the EU energy funding programmes

Framework Programme 7

The EU's largest ever funding programme for research and technological development, FP7, was launched on 1 January 2007. With a budget of nearly 54B€ over the seven years (2007-2013), FP7 responds to the increased need for coordinated and focused research to support the knowledge based economy in Europe. FP7 aims to build on the accomplishments of the previous research Framework Programmes whilst featuring simpler instruments and streamlined procedures for funding and participation. The Programme continues to work towards the goal of creating a European Research Area (ERA) that will be the world's leading research area.

The Energy theme has a budget of 2.3 B€ across the seven years of the programme. There are nine other thematic areas including environment and transport. More information can be found at <http://cordis.europa.eu>

Intelligent Energy Europe

Intelligent Energy Europe (IEE) is a European funding programme that supports non-technological actions aimed at reaching the EU's sustainable energy goals. IEE aims to tackle market barriers and raise awareness of European Energy policy and legislation among energy providers, promoters, advisers, trainers, agencies, policy makers and users.

The first IEE Programme ran from 2002 to 2006 and funded more than 280 European projects, 50 local/regional energy agencies and 60 European events.

IEE is now one of the three pillars of the Competitiveness and Innovation Programme (CIP) which runs from 2007 to 2013. The second IEE Programme builds on the experience gained from the first Programme and will continue to support actions that tackle the non-technological barriers to the spread of efficient use of energy and greater use of new and renewable energy sources. It includes the priorities of SAVE (energy efficiency), ALTENER (renewables), STEER (energy in transport) and Integrated Initiatives.

<http://ec.europa.eu/energy/intelligent/>



The Strategic Energy Technology Plan (SET-Plan) outlines, from a European perspective, what needs to be done in terms of technology development, demonstration and deployment, to achieve the EU's 2020 energy and emission targets and its 2050 vision. This includes ensuring security of energy supplies and retaining the EU's competitiveness in world markets. In terms of status, it is a statement of EU energy technology policy, endorsed by Ministers and the Energy Council. The Plan puts a strong emphasis on the pooling of national innovation efforts into wider European co-operation.

In addition to supporting the development and deployment of energy efficiency technologies, the SET-Plan's priorities are split between a group of technologies identified as most likely to enable the EU to achieve its 2020 targets, and those that are important for it to achieve its 2050 vision. The technologies identified for 2020 are: 2nd generation biofuels; CO₂ capture, transport and storage; wind, particularly off-shore wind; photovoltaic and concentrated solar power; smart grids; more efficient energy conversion and end-use devices and systems in buildings, transport and industry, for example poly-generation and fuel cells; and nuclear fission, including long-term waste management solutions. The technologies currently further away from deployment, but expected to have an important role in the EU meeting its 2050 vision are: energy storage; hydrogen fuel cell vehicles; generation IV nuclear fission; fusion; trans-European energy networks; and new technologies for energy efficiency, including materials, nano-science, information and communication, bioscience and computation. These priorities will be reviewed as necessary in line with technology developments to ensure that they remain the most appropriate and they will increasingly drive decisions on what technologies receive support under FP7 Energy grant funding and other relevant EU programmes. <http://setis.ec.europa.eu/>