


European Wind Energy
Technology Platform

Monthly TPWind Newsletter,
July 2010

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Produced for TPWind by the European Wind Energy Association

If you have any **feedback or questions** about the newsletter, or to **unsubscribe**, please contact Filippo Gagliardi (filippo.gagliardi@ewea.org, +32 2 546 1982).



Section 1 – Funding opportunities

Entrepreneurship and Innovation Programme – eco-innovation

Call deadline: 9 September 2010

The 2010 “Entrepreneurship and Innovation Programme” (EIP) call for proposal focusing on eco-innovation is open. The EIP is one of the strands of the “Competitiveness and Innovation Programme” (CIP).

Approximately €35 m will be made available through this call, supporting up to 50% of the eligible project costs.

This call is addressed mainly to organisations that have developed an environmental product, service, management practice or process which has a proven track record, yet is not fully marketed due to residual risks. The Eco-innovation initiative is intended to overcome those barriers to further market penetration and turn these products and processes into Europe's future eco-innovation successes.

Applications from SMEs are particularly encouraged.

The objectives of the 2010 eco-innovation call for proposals are the following:

- Promote the adoption of new and integrated approaches to eco-innovation in fields such as environmental management and more environmentally friendly products, processes and services.
- Encourage the uptake of environmental solutions by increasing the market and by the removing the barriers to market penetration. Solutions are understood to include products, processes, technologies or services.
- Increase innovation capacities of SMEs.

Successful projects will have to:

- Have an innovative character and substantial positive impacts on the environment;
- Provide significant replication, wider application and broader marketability;
- Be relevant for and show clear and substantial benefits in support of Europe's environmental policy objectives;
- Demonstrate a European added value and an international project dimension;
- Be well thought through from a technical and project management perspective;
- Be cost-effective delivering higher quality through appropriate effort levels.

More information is available [here](#).

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Section 2 – Secretariat news

The 2011 work programme of the Wind Energy Roadmap

Following the official launch of the Wind Energy Roadmap at the Madrid SET-Plan conference on 3 – 4 June, attention is now shifting towards the development of its 2011 work programme, which is intended to ensure its proper implementation.

As already outlined in previous issues of this newsletter, the Roadmap will be managed by a dedicated Wind European Industrial Initiative (EII) Team, which will have the goal of translating it into concrete yearly work programmes (i.e. lists of calls for proposals and budget allocations) that will be implemented by relevant EU and national authorities. Yearly work programmes will have to be approved by the SET-Plan Steering Group (composed of high-level EU and national representatives) before being put into action.

The Wind EII Team, which met for the first time in Brussels on 19 May, is composed of European Commission, Joint Research Centre and European Investment Bank officials, experienced national representatives from committed Member States (i.e. countries interested in implementing the Wind Energy Roadmap, since their participation will be on a voluntary basis) and members of the industry and R&D community (i.e. TPWind).

The next meeting of the Wind EII Team should take place in Brussels on 20 July: it will focus on the development of the first draft of the 2011 work programme of the Wind Energy Roadmap.

According to the information currently available, a third meeting should be held in September in order to finalise the 2011 work programme. Following this step, the document will be sent to the SET-Plan Steering Group for review and approval.

The 2011 work programme should therefore be ready by the end of 2010: all relevant EU and national authorities are expected to implement it next year in order to transform the Wind Energy Roadmap into reality.

Funding the Wind Energy Roadmap

All SET-Plan Initiatives, including the Wind Energy Roadmap, will be funded by existing instruments, at least for the current financial perspective (i.e. up to 2013), no new schemes or EU agencies will be created for this purpose. However, all relevant instruments (at both EU and national level – for committed Member States) will focus on the priorities of the Roadmaps, hence increasing the coordination and the total budgets of wind power R&D investments in Europe.

The implementation of the Wind Energy Roadmap will require a yearly public and private investment of approximately €600 m (totalling €6 bn by 2020). According to TPWind estimates, the wind industry should cover 52 % of the Roadmap 2010 – 2012 budget (i.e. €1,443 bn, which can be reduced to €924 m if “European Energy Programme for Recovery” funds, allocated in 2009, are taken into consideration), the EU 31 % and Member States 17 %. This means that EU Institutions should invest at least €186 m every year in the Wind Energy Roadmap.

In this respect, the analysis of the 2011 EU draft budget brings two positive signals:

- In 2011, the energy budget of the 7th Framework Programme will increase by 26.6% in comparison to 2010, hence bringing relevant EU R&D funding to € 339,565 m (for all technologies);
- A SET-Plan dedicated budget line has been included in the EU budget. No money has been allocated to it yet, but its creation shows the commitment of EU Institutions to Industrial Initiatives, especially in view of plans to increase spending in energy R&D in the next EU financial perspective, i.e. after 2013. This new budget line is therefore expected to play a key role in the implementation of the Wind Energy Roadmap in the near future.

The Council will express its position on the 2011 draft budget in mid July, followed by the European Parliament in October. **This is a crucial moment to ask your national governments to allocate EU funds for the implementation of the Wind Energy Roadmap!**

DOE announces request for information for offshore wind demonstration projects

On 15 June, the U.S. Department of Energy (DOE) released a Request for Information (RFI) seeking input from the public on the research, development, and deployment of offshore wind demonstration projects.

DOE's wind programme is planning a research and development programme to stimulate responsible, cost-effective offshore wind energy deployment in coastal and the Great Lakes regions of the country. The activities under this programme would encompass the following focus areas:

- Advanced technology demonstration projects that further the industry knowledge base for the benefit of all stakeholders;
- Research addressing market barriers in order to facilitate deployment and reduce technical challenges facing the entire industry; and
- Technology research and development that will reduce the cost of offshore wind energy through innovation and testing.

Under this RFI, DOE seeks further information specific to advanced technology demonstration projects. It is anticipated that these activities will be carried out via collaborative partnerships with a wide range of eligible organisations. Strong emphasis will be placed on leveraging the activities of complementary programmes, resources, and funding opportunities. Of particular interest is information that would assist the programme in targeting its resources on activities with the highest potential for a positive impact to the benefit of all stakeholders, including growth of the national knowledge base.

Information must be received by 14 July, 2010. For more information, [view the full RFI](#).

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Section 3 – Members' news

Wind energy industry foresees 250,000 new jobs in Europe by 2020

On 10 June, the European Wind Energy Association (EWEA) announced that it expects the European wind energy sector to create over 250,000 new jobs in Europe in the next decade.

The belief that the European wind energy industry can make a serious contribution to green growth was backed by politicians of the left and right and trade unionists at a high-level meeting held in Brussels on 9 June.

Poul Nyrup Rasmussen, President of the Party of European Socialists (PES), Chairman of Lindoe Offshore Renewable Centre and former Prime Minister of Denmark; Maria Da Graça Carvalho, MEP for the Group of the European People's Party (Conservatives and Christian Democrats) and former Science Minister of Portugal; and Anne Panneels, Senior Advisor for the European Trade Union Confederation (ETUC) all emphasised the enormous potential for the creation of new jobs in wind energy and other renewable energy technologies during a debate moderated by the Financial Times' Environment Correspondent Fiona Harvey.

By the end of 2009, the wind energy sector employed 192,000 people in Europe. In addition, European companies employ tens of thousands of people outside of Europe.

"The European Wind Energy Association expects strong growth in wind energy employment in Europe over the coming years to 280,000 by 2015 and 450,000 by 2020. That's on average, 450 new European wind energy jobs per week over the next decade" said Christian Kjaer, Chief executive of the European Wind Energy Association.

Three key areas - offshore wind, electricity grids, and the training and education of more engineers and technical staff - were identified as critical to creating those new jobs.

"Only if we continue to install large amounts of renewable energy in the EU and support pilot projects of new technologies, will European renewable energy companies be able to compete", said Rasmussen, "Offshore wind has the largest growth potential and needs to receive stronger public support from and within the European Union".

"The Green Revolution is only the latest in a number of technological and economic revolutions in Europe's history" said Da Graça Carvalho. "The crucial factors are whether or not Europe will be able to develop top-end skills in research but also in the fields of technical maintenance. With regards to jobs, a decentralised renewable energy based economy will generate more employment than an excessively rationalised and centralised system."

"Also critical will be to satisfy the conditions for a just transition to a low carbon economy. This includes consulting all bodies involving social partners at intersectoral level and in each key sector, dedicated to R&D and investment choices, to the development of skills and adapted training strategies that are well thought out and provided at the right time thanks to social dialogue and the anticipation of needs, ensuring that the jobs created will be quality jobs," said Panneels.

The coming years will see the development of a new offshore wind industry. Existing and planned European offshore wind projects would, if implemented, supply 10% of Europe's electricity. Employment in offshore is expected to exceed onshore by 2025, and by 2030, over 60% of the total employment in wind energy is expected to be in offshore wind energy.

Roadmap for research on offshore renewable energies

A new EU-funded project, coordinated by Fraunhofer IWES, will facilitate knowledge-sharing on offshore renewable energies and develop a roadmap for research in the sector. EWEA is a project partner (together with Risoe DTU, ECN, ENEL, etc). The project will be funded under the EU's 7th Framework Programme, entitled "Offshore Renewable Energy Conversion Platforms Coordination Action". The roadmap should also help define investment opportunities for the ocean, wave, and offshore wind energy sectors and help work towards a vision and strategy for the sector.

The ORECCA project kicked off in March and will last 18 months. Two workshops are planned, in November 2010 in Amsterdam and May 2011 in Italy.

More information is available on www.orecca.eu.

*In this section of the newsletter **articles produced directly by TPWind members are published**, providing members with the opportunity to inform the Platform of their most recent achievements, plans, products, studies or R&D efforts.*

Every month, two to four short articles (maximum 250 words) will be selected by the Executive Committee or the Secretariat and will be included in this section of the newsletter, along with the contact details of the person or company publishing the article.

The Secretariat invites all TPWind members who would like to publish an article in the next issue of this newsletter to contact Filippo Gagliardi and send him their contribution by 23 July at the latest (filippo.gagliardi@ewea.org; +32 2 2131813).

The Secretariat would like to remind all readers that this newsletter is sent to all TPWind members, to those included in the reserve lists of the Platform as well as to selected EC and EWEA representatives (approximately 300 people in total).

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Section 4 – Events

July

The WINDBARRIERS project aims at gathering up to date and comprehensive information on the administrative and grid access barriers that obstruct the development of wind energy in Europe. The final publication to be presented at the following workshop is a toolkit for policy makers to reduce administrative and grid access barriers, at EU and national level. For full information on the project and its results: www.windbarriers.eu

Barriers to wind development in Romania: Meeting the climate and energy challenges

6 July 2010 - Bucharest, Romania

Organised by EWEA, supported by Intelligent Energy Europe, in association with the Romanian Wind Energy Association.

English/Romanian interpretation provided. Attendance is free of charge. To register visit: www.ewea.org/events

Barriers to wind development in Hungary: Meeting the climate and energy challenges

8 July 2010 - Budapest, Hungary

Organised by EWEA, supported by Intelligent Energy Europe, in association with the Hungarian Wind Energy Association.

English/Hungarian interpretation provided. Attendance is free of charge. To register visit: www.ewea.org/events

November

Grids 2010

23-24 November, 2010 - Berlin, Germany

GRIDS 2010 is a two-day conference and exhibition organised by EWEA. The event will explore the financial, technical, policy and regulatory issues that will shape the development of a grid that meets Europe's energy, consumer and climate needs.

[Full programme](#)

[Register now at early bird rates](#)

[Exhibition: only 40 stands left](#)

2011

EWEA 2011 – Annual European Wind Energy Conference and Exhibition (formerly known as “EWEC”)

14-17 March, 2011 - Brussels, Belgium

Organised by EWEA for the past 25 years, the EWEA Annual Event is the annual flag-ship event offers a unique opportunity to generate new business leads. Year after year, the EWEA Annual Event (formerly known as “EWEC”) keeps on growing.

Europe's leading wind energy conference and exhibition offers a comprehensive overview of the latest developments and vibrant networking opportunities.

[Call for abstracts now open](#)

Exhibition: 68% of space already sold! [Book your exhibition space now](#) to ensure the best visibility for your organisation.

More information is available here: www.ewea.org/annual2011

Offshore 2011

29 November – 1 December, 2011 - Amsterdam, the Netherlands

EWEA holds its offshore wind conference and exhibition once every two years. OFFSHORE 2011 in Amsterdam will build on the huge success of the previous edition that took place in Stockholm, Sweden in 2009 and attracted over 4,850 people coming to see over 260 exhibitors and participate in the 23 conference sessions and numerous side events.

The call for abstracts for OFFSHORE 2011 will be launched by the end of 2010.

[Exhibition and sponsorship opportunities](#)

More information is available here: www.ewea.org/offshore2011

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