



Monthly TPWind Newsletter  
February 2013

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Produced for TPWind by the European Wind Energy Association

TPWind is supported by:



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If you have any **feedback or questions** about the newsletter, or to **unsubscribe**, please contact Manuela Conconi ([manuela.conconi@ewea.org](mailto:manuela.conconi@ewea.org), +32 2 2131856).

Past TPWind newsletters are available here: <http://windplatform.eu/?id=138>.

## Section 1 – Funding opportunities

### 7<sup>th</sup> Framework Programme

The 2012 FP7 Energy call was published on 10 July 2012. It provides funding for R&D projects relevant to wind energy (for more information: [http://ec.europa.eu/research/participants/portal/page/call\\_FP7#wlp\\_call\\_FP7](http://ec.europa.eu/research/participants/portal/page/call_FP7#wlp_call_FP7)).

Call: FP7-ERANET-2013-RTD

Deadline: 28 February 2013

Topic ENERGY.2013.10.1.2: ERA-NET Plus – European wind resource assessment.

The aim of this ERA-NET Plus is to provide the wind energy sector with more detailed resource mapping, through the creation and publication of a new EU wind atlas based on the development of improved models for wind energy physics. It will also include a wind climate database.

Call: FP7-OCEAN-2013

Deadline: 7 February 2013

Topic OCEAN.2013.4: Innovative transport and deployment systems for the offshore wind energy sector.

Research activities under this topic shall address the following aspects:

- Development of innovative and cost-effective deployment strategies for large-scale turbines, including building and testing onshore;
- Elaboration of optimal logistical processes and on-land transport links for large offshore structures;
- Design of novel vessel types and equipment for installation, maintenance and decommissioning and validation at reduced scale;
- Development of safety procedures for installation, operation and maintenance activities, regarding both offshore wind structures and the vessels;
- Improved operations and maintenance including the enhanced role of remote condition monitoring and systems with reduced human intervention;
- Development of new business models at European level for large offshore systems based on integrated life-cycle approaches;
- Development of methods and tools to assess the field performance of offshore wind farms servicing vessels and for optimized service activities in terms of lead time and energy usage.

### Intelligent Energy Europe (IEE)

The EU has set itself ambitious targets to achieve clean and secure energy for tomorrow. An optimal use of available tools is necessary to meet these targets. A wide range of technologies and methods exist to improve energy efficiency, turn renewables into viable energy sources and reduce emissions. However, market conditions prevent them from reaching their full potential. This is where the Intelligent Energy – Europe (IEE) programme comes in.

IEE funding is provided for creative projects focusing on:

- Promoting energy efficiency and encouraging the rational use of energy sources;
- Increasing the use of new and renewable energy sources as well as encouraging energy diversification;
- Stimulating energy efficiency and renewables in the field of transport.

The latest IEE call for proposals was published on 13 December 2012 and will close on 8 May 2013.

Projects focusing on renewables should deal with grid issues, permitting procedures, social acceptance and strategic initiatives (contributing to the implementation of policy, legislation and regulation across the renewable energy sectors).

More information on the current IEE call is available here: [http://ec.europa.eu/energy/intelligent/getting-funds/call-for-proposals/how-to-apply/index\\_en.htm](http://ec.europa.eu/energy/intelligent/getting-funds/call-for-proposals/how-to-apply/index_en.htm)

## **Indo European Cooperation on Renewable Energy**

The Delegation of the European Union to India is seeking proposals for supporting the development of New Renewable Energy sources in India by setting up a medium size Solar-Biomass Hybrid plant and supporting the development of Off-shore Wind technologies, including support for technical and economic feasibility as well as capacity building activities that have a sustainable impact in development.

Activities identified and proposed under this call for proposals must have the requisite statutory, regulatory and other clearances/permissions, if required, from Central and/or State agencies, as required for carrying out the project(s) activities.

The call was published on 31 October 2012 and will close on 28 February 2013. More information is available here: [http://eeas.europa.eu/delegations/india/funding\\_opportunities/call\\_for\\_tender/20121031\\_2\\_en.htm](http://eeas.europa.eu/delegations/india/funding_opportunities/call_for_tender/20121031_2_en.htm)

## **European Metrology Research Programme (EMRP)**

On 31 January, EURAMET e.V. launched a call within the EMRP (European Metrology Research Programme) addressing the topic areas Metrology for Energy, and Metrology for Environment:

- Stage 1 of the Call, call for Potential Research Topics (PRTs), is open from 31 January 2013 to 17 March 2013.
- Stage 2 of the Call, call for proposals for Joint Research Projects (JRPs) and associated Researcher Excellence Grants (REGs), will open on 18 June 2013.

More information can be found on the call webpage: [www.emrponline.eu/call2013](http://www.emrponline.eu/call2013)

## Section2 – Secretariat's news

### Implementation of the EWI

The last Wind European Industrial Initiative (EII) Team meeting was held in Brussels on 9 October 2012 and focused on the development of the new EWI 2013 – 2015 Implementation Plan and 2013 Work Programme. TPWind representatives (from the Executive Committee and the Secretariat) presented the first version of both documents to EU Institutions, Member States and European Energy Research Alliance (EERA) representatives. The new EWI Implementation Plan is based on the work done by TPWind Working Groups over the 2011 – 2012 period. It outlines the R&D priorities to be tackled over the next three years in order to ensure a proper implementation of the EWI. It also indicates the EWI's budget for the 2013 – 2015 period as well as relevant key performance indicators.

Following the last Wind EII Team meeting, TPWind received several comments and questions on the new EWI documents from its members, EU Institutions, Member States. Consequently, a new version of both the EWI 2013 – 2015 Implementation Plan and 2013 Work Programme were developed. They will be presented and discussed at the next Wind EII Team, which will take place in Brussels on 29 January 2013 and should result in their official approval.

Once endorsed, the EWI 2013 – 2015 Implementation Plan will replace the current 2010 – 2012 one and will be published by the European Commission on the SET-Plan website ([http://ec.europa.eu/energy/technology/set\\_plan/set\\_plan\\_en.htm](http://ec.europa.eu/energy/technology/set_plan/set_plan_en.htm)).

As for the EWI 2013 Work Programme, it will outline the Wind EII Team's 2013 funding recommendations for EU Institutions and Member States. Similarly to previous annual Work Programmes, it will create the conditions for a smooth funding of the EWI at both European and national level.

Once approved, the EWI 2013 Work Programme will be circulated to TPWind members.

### TPWind-related events at EWEA 2013 (Vienna, 4 – 7 February 2013)

TPWind-related events at EWEA 2013, Europe's premier wind energy event, are:

- EEPR workshop (<http://www.ewea.org/annual2013/whats-on/eepr-workshop/>). Organised by the European Commission in cooperation with TPWind, it will focus on projects supported by the European Energy Programme for Recovery (EEPR). The EEPR was launched in 2009 and provided € 565m of EU resources to the offshore wind sector. At the event, the projects will be presented and their effectiveness, lessons learnt, next steps and impact on the EU offshore wind sector discussed. The EEPR workshop is on Tuesday 5 February from 10am to 12pm in Business Suites 1 & 2, on the first floor of the conference centre (Messe Wien, Vienna, Austria).
- TPWind event (<http://www.ewea.org/annual2013/whats-on/tpwind-workshop/>). This year's TPWind event will focus on wind energy in times of economic and financial crisis. Issues surrounding R&D, training and EU policy will be introduced via a series of short presentations and a panel debate with representatives from the industry, R&D community and EU Institutions will follow. The TPWind event is on Tuesday 5 February from 3.30pm to 5pm, in the same venue as the mornings EEPR event (Business Suites 1 & 2, on the first floor of the conference centre - Messe Wien, Vienna, Austria).
- Finally, the upcoming TPWind training report, which will be finalised and published in the first half of 2013 and will focus on the training needs of EU wind energy players, will be presented at EWEA's Career Day on Thursday 7 of February (<http://www.ewea.org/annual2013/whats-on/careers-day/presentations/>).

For more information on EWEA 2013 visit <http://www.ewea.org/annual2013/>

### Wind energy gets €273m from NER300

Last December the European Commission published the award decision on the first NER300 call for proposals: [http://ec.europa.eu/clima/news/docs/c\\_2012\\_9432\\_en.pdf](http://ec.europa.eu/clima/news/docs/c_2012_9432_en.pdf)

NER300 is a funding scheme focusing on innovative renewable energy and CCS demonstration projects. The resources come from the sale of 300 million emissions allowances from the EU's Emissions Trading System. All the Member states and the European Investment Bank are involved in the selection procedure. According to the award decision, 23 innovative RES projects will receive more than 1.2 billion euros. Wind energy was awarded 6 projects in 4 categories worth 273 million euros:

Country	Sub category	M€
SE	cold climate	15
AT	complex terrain	11
DE	6MW	70
FR	Floating	34
DE	6MW	113
PT	Floating	30
	<b>Total:</b>	<b>273</b>

The second call should be launched in the first half of 2013 and should not be very different from the first call (the European Commission does not seem to be willing to change the funding criteria).

The first call wind energy related categories were:

- 1) Wind energy:
  - Off-shore wind (minimum turbines size 6 MW) with nominal capacity 40 MW;
  - Off-shore wind (minimum turbines size 8 MW) with nominal capacity 40 MW;
  - Off-shore wind (minimum turbines size 10 MW) with nominal capacity 40 MW;
  - Floating off-shore wind systems with nominal capacity 25 MW;
  - On-shore wind turbines optimised for complex terrains (such as forested terrains, mountainous areas): with nominal capacity 25 MW;
  - On-shore wind turbines optimised for cold climates (compatible with temperature lower than - 30°C and severe icing conditions) with nominal capacity 25 MW;
  
- 2) Distributed Renewable Management (smart grids):
  - Renewable energy management and optimisation for small and medium scale Distributed Generators in rural environment with predominant wind generation: 20 MW on LV network + 50 MW on MV network.

More information is available on DG Climate Action's website:  
[http://ec.europa.eu/clima/policies/lowcarbon/ner300/index\\_en.htm](http://ec.europa.eu/clima/policies/lowcarbon/ner300/index_en.htm)

## Section 3 – Members' news

### EU Ministers call for solid and effective renewable energy policy after 2020

The decision of EU Energy Ministers on 3 December 2012 to instruct the European Commission to prepare post-2020 renewable energy policy "to ensure that the strong impetus provided by the current legislative framework is not lost" is a useful step forward for investor certainty according to EWEA.

The Ministers agreed that the Commission should present "a solid and effective EU post-2020 RES framework".

Nonetheless the EU Council failed to address what EWEA described in a letter to Commissioner Oettinger as "the current crisis being experienced by the wind industry due, not least, to the political uncertainty caused by stop-go policies, and in particular retroactive changes, which significantly undermine investor confidence and needlessly, increase the cost of capital for capital-intensive technologies such as wind energy."

While post-2020 EU energy policy is vital and urgent, EWEA is deeply concerned about the number of sudden or even retroactive changes made by EU member states to renewable energy support mechanisms.

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### 30 Years of Policies for Wind Energy: Lessons from 12 Wind Energy Markets

The International Renewable Energy Agency (IRENA) and the Global Wind Energy Council (GWEC) published a report providing an insight into the strengths of diverse policy design decisions in important existing markets. The report identifies and reviews significant policy and regulatory measures that have contributed to the successful development of wind energy across major markets in Asia, Europe, North America and South America over the last three decades.

The twelve markets studied are of different sizes and display various policy options and diverse market dynamics. All have shown high market dynamism and represent interesting case studies. These markets are Brazil, China, Denmark, Germany, Greece, India, Ireland, Italy, Portugal, Spain, the United Kingdom and the United States. In the case of India and the United States, the laws of particular states, which complement federal legislation, were studied in more detail.

The report benchmarks the policy development of 12 markets over the last 30 years, hence bringing clarity into the policy options available to countries seeking to expand wind energy.

The report is available on the IRENA's website:

<http://www.irena.org/menu/index.aspx?mnu=Subcat&PriMenuID=36&CatID=141&SubcatID=281>

### The European Commission widens search for expert advisors for Horizon 2020

On 24 January, the European Commission launched a call asking experts from all fields to participate in shaping the agenda of Horizon 2020, the European Union's future funding programme for research and innovation. This marks the first time that the Commission has launched such a call for its research and innovation programme. Advisory groups will provide high quality and timely advice for the preparation of the Horizon 2020 calls for project proposals. Groups will be set up on topics of major concern for European citizens, such as climate change, making renewable energy more affordable, ensuring safe food or coping with the challenges of ageing.

European Research, Innovation and Science Commissioner Máire Geoghegan-Quinn said: "*Our aim is to reach the broadest range of experts who will help us to deliver innovative ideas, sustainable growth and new jobs. Introducing this transparent and inclusive call for Horizon 2020 means we are reaching out to the entire European research and innovation community. I would in particular like to encourage women and individuals with the right expertise but who have not been involved in the past to show their interest.*"

The expert advisory groups will start their work during spring of this year to provide advice in time for the first Horizon 2020 calls, which are expected to be launched by the end of 2013. Individuals and actors wishing to be considered for the first advisory groups have until 6 March 2013 at 5 p.m. Brussels local time to register. The call

for expressions of interest will stay open for the lifetime of the Horizon 2020 programme in order to accommodate the renewal of groups at the end of each mandate.

Individuals can express their interest, acting either in a personal capacity, as representatives of collective interest groups or as representatives of organisations. Details of the criteria on which selection will be based, including the profile of experts, are set out in the call. The full text and guidance on how to register can be found through the following link: [http://ec.europa.eu/research/horizon2020/index\\_en.cfm?pg=h2020-experts](http://ec.europa.eu/research/horizon2020/index_en.cfm?pg=h2020-experts)

### Background

Horizon 2020 aims to foster ideas, growth and jobs for Europe's future. It breaks from the past by bringing together all existing support for research and innovation, including the innovation-related activities of the Competitiveness and Innovation Framework Programme and the activities of the European Institute of Innovation and Technology (EIT), into one single funding programme. Smart investment in research and innovation provides a direct stimulus to the economy, secures our excellent knowledge base and makes our businesses more competitive in a globalised world. The Commission is proposing a budget of €80 billion for Horizon 2020, which will run from 2014 to 2020.

Horizon 2020: [http://ec.europa.eu/research/horizon2020/index\\_en.cfm](http://ec.europa.eu/research/horizon2020/index_en.cfm)

*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 Manuela Conconi and send her their contribution by 22 February at the latest ([manuela.conconi@ewea.org](mailto:manuela.conconi@ewea.org); +32 2 2131856).**

*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 500 people in total).*

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## Section 4 – Events

### **EWEA 2013 Annual Event, 4 – 7 February 2013 in Vienna, Austria**

Taking place at the crossroads of Europe's developed wind energy markets and countries in which the potential is growing; such a gathering provides exciting collaborative opportunities. This four-day conference and exhibition brings together the whole of the wind industry supply chain to network, share knowledge and do business.

If you have not already booked your booth at EWEA 2013, there is still time to do it! A few are still available and full service stand packages are the quick and easy solution for companies to get ready for the exhibition. Reservations are possible until end January. For more information regarding stand space reservation please contact EWEA's Sales Team: [sales@ewea.org](mailto:sales@ewea.org)

[Full details and registration](#)

### **Workshops at EWEA 2013, Vienna - Tuesday 5 February 2013**

#### **The European Energy Programme for Recovery (EEPR):**

#### **European support to the installation of the first large-scale wind farms in deep waters far from shore.**

*Tuesday 5 February 2013, 10:00 – 12:00*

This session will present projects that have been supported by the European Energy Programme for Recovery (EEPR). The EEPR was launched in 2009 and via this programme the European Union committed €565 million to the offshore wind sector.

The projects that will be presented relate to the installation of multi-megawatt offshore turbines (5 to 6 MW) on various types of substructures in deep waters (40 to 50 metres) far from shore (50 to 100 km).

The projects that will be presented include:

- The Thornton Bank project: successes, hurdles, experiences (*C-Power*)
- The construction of Bard I : lessons on logistics and installation (*BARD Engineering GmbH*)
- Nordsee Ost - Adapting to an evolving regulatory environment (*RWE Innogy GmbH*)
- Borkum West II (*Trianel Windkraftwerk Borkum GmbH & Co. KG*)

Participants will be presented with the state of play of these projects, the main lessons learnt so far in the manufacturing and installation phase, and the first indications of operational experience.

The presentations will be followed by a discussion on how these project experiences can contribute to the cost-efficient implementation of future large scale offshore wind farms.

[Full programme and registration](#)

#### **European Technology Platform for Wind Energy (TPWind) workshop:**

#### **Wind energy - a smart investment in times of crisis**

*Tuesday 5 February 2013 – 15:30-17:00*

This event will provide participants with an update on how the European Union supports wind power R&D and fosters the development of the sector. Relevant training needs will also be analysed, since the lack of specialised human resources could become a major bottleneck to the development of wind energy in the near future. Finally, wind power's role as a smart investment in Europe in times of crisis will be discussed by a selected group of panellists.

Participants will be actively invited to contribute with questions and ideas on the future of EU support to wind energy.

[Full programme and registration](#)

Attendance at these two workshops is free of charge for all EWEA 2013 conference delegates, exhibition visitors and exhibitors. [Register to attend EWEA 2013](#), Vienna, 4-7 April 2013.

## **[EWEA Technology Workshop: Resource Assessment 2013](#)**

**25 & 26 June 2013**

**Dublin, Ireland**

Organised in association with the Irish Wind Energy Association:



EWEA's second resource assessment workshop, as requested by participants at the highly-acclaimed May 2011 edition.

The workshop consists of 5 sessions over 1 ½ days:

- Mesoscale modelling
- Wind conditions modelling
- Real world power curves
- Wake prediction
- Results of the second comparison exercise

### **How close are your resource estimations to reality?**

Take part in the second Comparison of Resource and Energy Yield Assessment Procedures Exercise and find out! Submission deadline: 10 May

**Call for abstracts open:** submit your abstract by 10 May

**Register at early rates before 15 April**

[www.ewea.org/workshops](http://www.ewea.org/workshops)

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**Pre-Announcement:**

## **[Wind Power Forecasting](#)**

**Fourth quarter, 2013**

Date and venue to be announced soon

Organised in association with the Anemos Consortium:



EWEA's second technology workshop in 2013, organised in response to requests from members, focuses on technical challenges related to wind power forecasting.

The workshop will cover topics including:

- The end users' requirements

- Numerical weather prediction models
- Wind power forecasting models and operational systems
- Integrating forecasts in business processes
- How important will forecasting be at 200 GW?

To be informed when the programme and registration are live email: [techworkshops@ewea.org](mailto:techworkshops@ewea.org)

[www.ewea.org/workshops](http://www.ewea.org/workshops)

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### Extra visibility for your organisation:

If you would like to present your company to the highly targeted audiences that the technology workshops attract contact Tim Robinson on [techworkshops@ewea.org](mailto:techworkshops@ewea.org) or tel: +32 2 213 1844 to discuss the exhibition & sponsorship opportunities available.

### **EWEA OFFSHORE 2013, 19 – 21 November 2013 in Frankfurt, Germany**

The [EWEA OFFSHORE 2013](#) conference and exhibition will build on the success of the 2011 edition, which attracted more than 480 exhibitors and over 8,200 participants. EWEA OFFSHORE 2013 will take place in Frankfurt - Europe's financial capital and a truly international business location. This unique international platform provides the ideal location to do business with key offshore wind industry players from over 40 different countries.

**Exhibition sales are now open and sponsorship opportunities are available.** [Read further information](#) or email the sales team: [sales@ewea.org](mailto:sales@ewea.org)

### **EWEA 2014 Annual Event, 10 – 13 March 2014 in Barcelona, Spain**

The [EWEA 2014 Annual Event](#) will take place in the modern venue of Fira de Barcelona Gran Via, offering 14,000m<sup>2</sup> of exhibition space in a location which is easy to get to and only a short distance from both Barcelona's El Prat international airport (7 km) and the city centre itself.

**Exhibition sales are now open.** [Read more information and view exhibition floorplans](#) or email the sales team: [sales@ewea.org](mailto:sales@ewea.org)

### **Industry for Industry**

#### ***Support EWEA because we support you***

Revenues from EWEA events and membership go right back into the industry, making EWEA's policy and lobbying activities possible. By attending this event you are directly strengthening the voice of the industry. Your money goes further than you think!

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**EWEA**  
THE EUROPEAN WIND ENERGY ASSOCIATION