



Monthly TPWind Newsletter  
May 2013

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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://www.windplatform.eu/documents/newsletters/>

## Section 1 – Funding opportunities

### 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)

### 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)

### New Entrants Reserve (NER) 300

NER300 is the EU's funding programme for innovative demonstration projects for renewable energy and carbon capture and storage (CCS). The first call for proposals was published in 2011: while no CCS projects qualified for funding, renewables projects got EUR 1.2 billion - with six wind energy projects granted EUR 273 million total.

On 3 April 2013, the second NER300 call was launched.

In order to qualify, developers must apply in their Member State to be selected for co-financing. Then the Member State will submit the selected projects to the European Investment Bank and the European Commission, by 3 July 2013.

Wind projects eligible for funding have remained the same as for the first call, and include offshore wind farms with very large turbines, floating offshore turbines and onshore wind turbines for complex terrains and cold climates.

More information on the current call is available here: [http://ec.europa.eu/clima/funding/ner300/index\\_en.htm](http://ec.europa.eu/clima/funding/ner300/index_en.htm)

For the results of the first NER300 call for proposals, please refer to the February 2013 TPWind newsletter: <http://www.windplatform.eu/documents/newsletters/>

### Study of the environmental impacts of noise, vibrations and electromagnetic emissions from marine renewables – call for tender

Marine renewable energy has enormous potential, however, due care should be taken that possible environmental impacts are brought to a minimum in order to address public and other stakeholders' concerns for

such projects. To propose technical mitigation measures, a clear understanding of the likely environmental impacts of noise (both during installation and operation), vibrations and electromagnetic emissions of most mature marine renewable technologies (i.e. offshore wind, wave and tidal energy systems) is needed. Therefore, a study should be launched to review the available scientific evidence and the significance of those impacts and then make recommendations on solutions to mitigate/cancel negative effects.

The deadline for the submission of proposals is 13 June 2013.

More information is available here: <https://etendering.ted.europa.eu/cft/cft-display.html?cftId=202>

#### **Study on renewable energy and research and innovation capacity of sub-Saharan Africa – call for tender**

Sub-Saharan Africa offers important renewable energy sources that could be exploited to help the development of the region. This potential should be used alongside the development of the indigenous capacity for deploying and maintaining it. This in turn, requires raising the research and innovation (R&I) capacities in the region. However, the exact research capacities and needs are not well known. It is, therefore, necessary to undertake an ad-hoc feasibility study. It will enable the formulation of a clear strategy on whether and how to undertake a research and innovation programme that would be equitable and beneficial to the region in the area of renewable energy.

The deadline for the submission of proposals is 13 June 2013.

More information is available here: <https://etendering.ted.europa.eu/cft/cft-display.html?cftId=200>

## Section2 – Secretariat's news

### New EWI 2013 – 2015 Implementation Plan and 2013 Work Programme finalised

The last Wind European Industrial Initiative (EII) Team meeting was held in Brussels in January 2013 and looked at the development of the new EWI 2013 – 2015 Implementation Plan and 2013 Work Programme.

The first version of both documents was presented to the Wind EII Team, which is composed of EU, national, TPWind and EERA (European Energy Research Alliance) representatives, in October 2012. In January 2013, TPWind finalised both EWI documents taking into account the comments received from the European Commission and Member States.

The Implementation Plan and 2013 Work Programme have, now, been approved by the European Commission and were officially circulated within the Wind EII Team on 10 April 2013.

The new EWI Implementation Plan is based on the work done by TPWind Working Groups during 2011 and 2012. It outlines the R&D priorities for 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 and its key performance indicators.

The EWI 2013 – 2015 Implementation Plan will be published by the Commission on the SET-Plan website (<http://setis.ec.europa.eu/set-plan-implementation/european-industrial-initiatives-eiis/eii-implementation-plans>).

As for the EWI 2013 Work Programme, it outlines 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.

The 2013 Work Programme is not a public document and is only available to TPWind and Wind EII Team members. The Secretariat will keep Platform members updated on its implementation during 2013.

Both documents can be downloaded by TPWind members from the EWI page of the Platform's online members' lounge (<http://www.windplatform.eu/members/members-lounge/european-wind-initiative/>).

### New Commission's Communication on Energy Technologies and Innovation published

On 2 May 2013, the Commission published its Communication on Energy Technologies and Innovation, which will influence the implementation of the SET-Plan over the coming years ([http://ec.europa.eu/energy/technology/strategy/strategy\\_en.htm](http://ec.europa.eu/energy/technology/strategy/strategy_en.htm)).

The Communication aims at suggesting a new technology and innovation policy perspective to enhance the EU energy and climate policy beyond 2020 focusing on reducing cost of electricity and introducing new technologies into the market.

The proposed key principles of the EU's energy technology and innovation strategy are:

- Adding value at the EU level – the EU needs to intervene beyond what the Member States or industry can achieve alone.
- Looking at the whole energy system when setting priorities – to go beyond differentiating between energy sources and end users and exploiting the synergies between different sectors.
- Integrating actions along the energy innovation chain and strengthen the link with energy policy – to support the innovation from basic research to market deployment and to tackle regulatory and other market barriers.
- Pooling resources and using a portfolio of financial instruments – to support the industry the EU needs to leverage investments of Member States.
- Keeping options open, while concentrating on the most promising technologies for post 2020 – to drive the development of a spectrum of technologies which may only reach maturity beyond 2020.

The Commission suggests to reinforce the SET-Plan as the core future technology development instrument with the above mentioned key principles and to introduce several changes:

- Under the guidance of the SET-Plan Steering Group to develop by the end of 2013 an Integrated Roadmap, to address energy system and innovation chain integration. This roadmap should consolidate the (up-dated) technology roadmaps of the SET-Plan, it should cover the entire research and innovation chain.
- Member States and the Commission should develop by mid-2014 an Action Plan indicating coordinated and joint investments into technology development and innovation by individual countries, between

Member States and with the EU. This plan will have to be based on the Integrated Roadmap and will have to include various financial engineering instruments and procurements.

- Reporting via the Strategic Energy Technologies Information System (SETIS) should be made annually.

As indicated in a recent EWEA briefing (the full document is available to EWEA members only), the EU should continue the SET-Plan implementation and ensure dedicated funding.

Instead of trying to reorganise structures, EU innovation policy should aim at implementing the Strategic Energy Technology Plan and prolonging it post-2020, and concentrating scarce resources on key energy technologies, such as wind.

Dedicated funds for the SET-Plan would allow the sectors such as the wind industry to prioritise their implementation actions according to the developments in market and technology.

Moreover, the EU should focus on the development of technologies in which it has technology leadership and which will have a major role in the future European energy system, such as onshore and offshore wind

The Commission's energy Roadmap 2050 shows indeed that renewable energy will be the centrepiece of future energy systems, with wind as the leading generation technology.

Finally, the integrated roadmap should essentially complement the individual technology roadmaps (such as the EWI), rather than replacing them. Individual technologies indeed need individual technology roadmaps and implementation. Placing several technologies under one industrial initiative would create many coordination problems, would not lead to a better decision making process and would not enable technology development. It is essential to continue prioritising also individual technology development and innovation aspects of key technologies such as wind energy, as originally thought through by the SET Plan.

## Section 3 – Members' news

### Debate on 2030 renewable energy target

On 14 March the European Parliament called for the "successful" 2020 renewable energy target to be prolonged to 2030.

"The Parliament has once again recognised what a strong renewables industry, driven by ambitious targets, can do for Europe's economy, jobs, energy security and the climate", commented Stephane Bourgeois, Head of Regulatory Affairs at the European Wind Energy Association (EWEA).

"The European Commission must heed the Parliament's support for a target when it publishes its Green Paper on 2030 energy policy in the next few weeks".

The MEPs also condemned the retroactive changes to renewable energy support mechanisms taking place in several EU Member States as detrimental to investor confidence. EWEA has spoken out regularly against such changes, because the resulting political uncertainty needlessly increases the sector's cost of capital.

The MEPs were voting in Plenary on the Tzavela report on the 2050 Energy Roadmap.

Following this vote, on 27 March the European Commission opened the debate on EU energy and climate policy after 2020 - offering the energy industry the prospect of the long-term clarity and stability needed for large, long-term investments. Consequently, it published a Green Paper on a "2030 framework for climate and energy policies" indicating 2030 targets as a key policy option.

"It is important to put long-term climate and renewable energy policies in place, and the European Commission and Council already agree that an increase in renewable energy is a 'no-regrets' option," said Justin Wilkes, Director of Policy of the European Wind Energy Association (EWEA). "Energy policy debate over the coming months will be crucial to Europe's future."

"Member States must now join the European Parliament and the Energy and Climate Action Commissioners in support of a 2030 renewable energy target, together with a greenhouse gas target. This would allow Europe to replace fossil fuel imports with a thriving European wind energy industry generating large amounts of zero-emissions renewable power and technology exports".

"Setting a binding 2030 renewable energy target would help the achievement of the 2020 targets, by providing the wind sector with the clarity needed to make the necessary long-term investments, thereby driving down capital costs as well as the cost of capital," Wilkes said.

The Green Paper is accompanied by a report on national renewable energy progress. For the first time the Commission warns that it is concerned about the achievement of the 20-20-20 renewable targets by 2020 due to national policy changes. This echoes EWEA's concerns that changes to support mechanisms are driving away investors and making it more difficult and expensive to achieve the 2020 targets (see its [special statement on the European energy uncertainty crisis](#)).

Please find EWEA's position on the 2030 EU Climate and Energy framework [here](#).

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*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 24 May 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

### Workshop: Offshore Wind Farm Clusters

Design tools for enhanced performance and value of North Sea offshore wind power

Thursday 6 June 2013

London, UK

The workshop is organised by the European Energy Research Alliance – Design Tool for Offshore Wind Farm Cluster project (EERA-DTOC), in collaboration with the Cluster Design project and EWEA.

Organised by:



In association with:



The workshop will provide intermediary findings of the two major research projects on offshore wind farm clusters. It also aims at debating/connecting with – people working in offshore wind energy development and planning to improve/enhance – the future integrated design tools for the Northern European offshore wind power.

Programme and registration: <http://www.ewea.org/events/workshops>

### **EWEA Technology Workshop: Resource Assessment 2013**

**25 & 26 June 2013**

**Trinity College, 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 closes 10 May**

Over 100 people have already registered! See who they are via the attendee look-up system

Programme, registration and full details:

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

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## EWEA Technology Workshop:

### Wind Power Forecasting: From R&D to commercial offering – a 360° view of present and future

**3-4 December, 2013**

Rotterdam, The Netherlands

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



**Growing** since its beginning, this event is now the world's largest offshore wind energy conference and exhibition. The 2011 edition attracted more than 480 exhibitors and over 8,200 participants. [Visit the website to find out more about the event](#)

**Interested in speaking?** We're looking for dynamic, engaging speakers who have new data or ideas to share. So, if you have forward-thinking ideas and would like to play a part in the wind energy industry's future development, we'd like to hear from you. [Submit an abstract before 19 May](#)

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



In 2014, the EWEA Annual Event will take place in the **sunny destination of Barcelona**, Spain. It combines an international exhibition with the wind industry's leading companies and a comprehensive conference featuring high-level keynote speakers and wind industry experts.

**Why exhibit?** We know that exhibitors are looking carefully at their marketing spend and in turn, what exhibitions and where they should exhibit. The 2013 edition saw an immense international attendance with 86% of attendees coming from abroad. Companies active or interested in international trade and doing business in Europe will benefit from exhibiting at EWEA 2014 Annual Event. [Book a stand](#)

### 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