



Monthly TPWind Newsletter
September 2012

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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, +32 2 2131856).

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

Section 1 – Funding opportunities

7th Framework Programme

The 2012 FP7 Energy call was published on 10 July 2012. It provides funding for R&D projects relevant to wind energy:

Call: FP7-ENERGY-2013-1

Deadline: 28 November 2011

Topic ENERGY.2013.2.3.1: Advanced aerodynamic modelling design and testing for large rotor blades.

The main goal is to develop advanced rotor design models, using integral design tools in order to enable new and optimised designs for the next generation of large-scale wind turbines (up to 20MW). This includes research in aerodynamics, structural response and aerolasticity for full as well as segmented blade concepts.

Topic ENERGY.2013.2.3.2: Small to medium size wind turbines.

The projects are expected to deliver low cost, high performance, reliable, durable and safe systems. The research may involve but is not limited to the following areas of work:

- Innovative design, materials and aesthetic solutions;
- New control systems and methods for optimization of operation and maintenance;
- Innovative solutions for transport, assembly and installation thereby minimizing impact in the construction phase.

Call: FP7-ENERGY-2013-2

Deadline: 24 January 2013

Topic ENERGY.2013.7.2.3: Large-scale demonstration of innovative transmission system integration and operation solutions for interconnecting renewable electricity production.

This topic will primarily address the important technological challenges stemming from the large-scale penetration of renewable electricity production in the European transmission network, in particular the integration and transport of foreseen substantial renewable electricity production (including cross-national generation projects) far from consumption centres (e.g. off-shore wind), possibly in combination with the interconnection of EU member states' transmission networks to enable increased balancing and trade of electricity. In addition, the operationalization and integration of storage systems in high voltage networks, as part of the technological solutions to the mentioned challenges as well as in response to the needs of managing the time shift between production and consumption and stabilising the grid, can be addressed.

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.

Call: FP7-ENERGY-2013-IRP

Deadline: 8 January 2013

Topic ENERGY.2013.10.1.4: Support to integrated research Programmes between research performers on innovative research in support of the SET-Plan research and innovation agenda.

The objective of this topic is to support the operation and delivery of integrated research Programmes that bring together and integrate on a European Scale, Programmes of a critical mass of research performers from different Member States, Associated Countries, and, if appropriate other third countries, to advance the longer term research agenda of the SET Plan roadmaps in the fields of solar photovoltaic, wind energy, smart grids, electrochemical storage, bio-energy and Concentrated Solar Power (CSP). This topic represents a pilot exercise for a new way of working at EU level on longer-term research that could be further developed in the next European Framework Programme for Research and Innovation.

Research Fund for Coal and Steel (RFCS)

Call deadline: 18 September 2012

The Research Fund for Coal and Steel (RFCS) finances research projects in the areas of coal and steel. Its annual budget is about €60 million, of which 72,8% is earmarked for steel-related and 27,2% for coal-related projects.

The RFCS has its origin in the former European Coal and Steel Community (ECSC). The ECSC is seen as the foundation of today's European Union. Established by the Treaty of Paris, it expired after 50 years in 2002.

The European Commission manages its residual assets and uses the interests generated yearly to finance research projects in the areas of coal and steel.

These projects cover several areas including steel applications within the renewable energy sector.

The main features of the RFCS scheme are the following:

- No budget limit for projects - Typically in the range of €1-2 million.
- Organisations worldwide can participate - Only consortium partners from the EU receive funding.
- Any consortium size is welcome
- No set project duration - Typical research projects last 3-4 years.
- Use the experience of previous projects - Programme synopsis are available on http://cordis.europa.eu/coal-steel-rtd/synopsis_en.html
- Get full information on the programme - Please refer to the Information Packages (Infopacks) available on http://cordis.europa.eu/coal-steel-rtd/infopack_en.html

Competitiveness and Innovation Framework Programme (CIP) - Eco-Innovation

Deadline: 6 September 2012

The CIP Eco-Innovation First Application and Market Replication Projects Programme aims to bridge the gap between research, technological demonstration, prototyping and commercialisation. Pure research, which receives support at EU level through the 7th Framework Programme, is therefore not covered.

CIP Eco-Innovation supports projects dealing with the first application or market replication of eco-innovative products, processes or practices which have already been technically demonstrated but due to remaining risks need incentives to penetrate the market. Projects should be innovative and bring both economic and environmental benefits.

Objectives of this call:

- 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 removing barriers to market penetration. Solutions are understood to include high added value products, processes, technologies or services;
- Increase innovation capacities of SMEs.

Five strands are included in this call:

- Materials recycling;

- Sustainable buildings products;
- Food and drink sector;
- Water;
- Greening business.

The indicative total budget of this call is €34.830.000 and the EU co-funding share is 50% of eligible project costs.

More information is available at: http://ec.europa.eu/environment/eco-innovation/getting-funds/call-for-proposals/index_en.htm

Renewable Energy & Energy Efficiency Partnership 9th Call for Proposals (REEEP)

Call deadline: 21 September 2012

REEEP launched its 9th programme cycle to support up to 30 projects that, through a range of interventions, will accelerate the deployment of renewable energy and/or energy efficiency technologies.

€4.1 million of REEEP funds will be invested in this call.

The maximum level of REEEP funding available per project is €150,000; co-funding is strongly encouraged.

Five thematic topics are eligible for support: scaling up successful business models; supporting off-grid generation; harnessing clean energy in food production; employing clean energy in providing a reliable water supply; opening up energy data in emerging markets

More specific topics have also been defined by region.

Primary priority countries: Brazil, Colombia, China, Ghana, India, Indonesia, Peru, South Africa and Vietnam.

Secondary priority countries can also be considered.

More information is available at: <http://call4proposals.reeep.org/>

Section2 – Secretariat's news

Implementation of the European Wind Initiative (EWI): latest developments

The implementation of the European Wind Initiative is advancing and the latest developments are:

- The first draft of the EWI 2013 Work Programme, outlining the EU and national funding recommendations for next year, has been finalised. The TPWind Steering Committee is reviewing and validating it before its submission to the Wind European Industrial Initiative (EII) Team. The EWI 2013 Work Programme will be finalised and uploaded on the TPWind online members' lounge before the end of 2012.
- The first draft of the EWI 2013 – 2015 Implementation Plan has also been drafted and will be validated by the TPWind Steering Committee. This document outlines the R&D priorities of the EU wind energy sector for the years to come and is based on inputs provided by all TPWind Working Groups. It will be revised by the Wind EII Team and published by the European Commission on the SET-Plan website to replace the previous version (covering the 2010 – 2012 period).
- A proper distribution of grid R&D tasks between the EWI and the European Electricity Grid Initiative (EEGI) was agreed through a memorandum. Research on grid integration will, now, be streamlined reducing unnecessary overlaps. The list of grid R&D tasks to be moved from the EWI to the EEGI will be included in the EWI 2013 – 2015 Implementation Plan for full transparency.
- A TPWind-EERA Memorandum of Understanding (MoU) clarifying their respective roles in the EWI and EERA's Joint Programme on wind power (both of which are part of the SET-Plan) has been signed. EERA is a network of prominent EU R&D centres and since May 2011 it is contributing to the EWI. Reciprocally, TPWind will be involved in the implementation of EERA's Joint Programme on wind power, which shares many of the EWI objectives with, however, a greater focus on long-term R&D. The text of the MoU will be included in the EWI 2013 – 2015 Implementation Plan for full transparency.

Additional information on the implementation of the EWI will be provided in future issues of this newsletter.

More information is available on the SET-Plan website:

http://ec.europa.eu/energy/technology/set_plan/set_plan_en.htm

Second TPWind Energy R&D event to take place on 2 October

In the afternoon of 2 October, TPWind will hold its second public energy R&D event, which will focus on synergies in offshore energy.

The event will take place in Brussels at The Square (Glass Entrance, Rue Mont des Arts - <http://www.square-brussels.com/acs/servlet/getDoc?id=7704&m=3&cid=13890>) from 4pm to 6 pm (registration of participants from 2 pm) and will be followed by a networking cocktail.

This cross-sectoral conference, organised with the support of TPWind's Advisory Board, will provide participants with an opportunity to discuss cross-sectoral offshore R&D issues with representatives of other offshore industries.

In the morning preceding the conference, a new round of TPWind Working Group meetings will take place.

TPWind members do not have to register: their participation is already taken into account.

Non-member of TPWind can register for free on the following webpage: <http://www.ewea.org/index.php?id=2241>.

Draft agenda:

Time	Tuesday October 2 nd , 2012
14:00	Registration of participants
16:00	First Session: synergies in the offshore sector (Plenary Room Hall 400)
16:00	Introduction and welcome - <i>Henning Kruse, Siemens Wind Power - TPWind Chairperson, Denmark</i>
16:10	Funding offshore R&D: the EU perspective – <i>Matthieu Craye, European Commission (DG ENER) - New energy technologies, innovation and clean coal, Project Officer, Belgium</i>
16:30	Wind and oil & gas industry: infrastructure synergies – <i>TBC</i>
16:50	Case-study presentation (multiuse offshore platforms) - <i>TBC</i>
17:10	Q&A session
17:20	Second Session: Health & Safety (H&S) offshore (Plenary Room Hall 400)
17:20	Innovation in offshore H&S: synergies between wind and ocean energy - <i>Keith Harsham, Mainstream Renewable Power Ltd - SHEQ Manager, UK</i>
17:40	Innovation in offshore H&S : synergies between wind and oil & gas - <i>Anne Marit Hansen, Statoil - Leader HSE, Norway</i>
18:00	Q&A session
18:10	Conclusions and closing remarks - <i>Henning Kruse, Siemens Wind Power - TPWind Chairperson, Denmark</i>
18:15	Networking Cocktail
20:00	End of Conference

Section 3 – Members' news

EU offshore wind power capacity up 50% compared to first half 2011

132 new offshore wind turbines, totalling 523.2 megawatts (MW) were fully grid connected in Europe in the first six months of 2012. This is a 50% increase compared to the same period in 2011 when 348.1 MW were installed. "50 per cent more offshore wind power capacity was installed in Europe in the first half of 2012 compared to the same period last year, despite the economic and financial turmoil".

"Offshore wind power creates jobs in Europe, reduces our fuel import costs, and avoids the global and local health and environmental costs of extracting, transporting and burning fossil fuels. Offshore wind power is increasingly attracting investors, including pension funds and other institutional and corporate investors, but it would be good to see more activity in southern Europe where jobs, investments and growth are desperately needed," said Christian Kjaer, Chief Executive Officer of the European Wind Energy Association (EWEA) in Brussels.

2012 could turn out to be the best year ever for offshore wind energy in Europe, as a further 160 turbines, totalling 647.4 MW, are built but awaiting grid connection. But this is subject to weather conditions at sea and grid connection delays.

A total of 4,336 MW offshore wind capacity was operating as of 30 June 2012 - up from 3,294 MW in June 2011 - producing electricity for the equivalent of 4 million households.

During the first half of 2012 overall, 13 wind farms were under construction. Once completed these wind farms will account for an additional capacity of 3,762 MW.

Please find the document with detailed results [here](#).

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 21 September at the latest (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

TPWind 2nd Energy Event

2 October 2012 - Brussels, Belgium

The **2nd TPCWind Energy R&D Event** will take place on **Tuesday, 2 October** at *Square* (rue Mont des Arts, 1000, Brussels) from 16.00 to 20.00.

The event will focus on cross-sectoral offshore energy R&D issues and will be organised together with the TPCWind Advisory Board. The aim of the event is to provide an opportunity to discuss R&D issues shared by wind energy and other sectors (in particular oil & gas and ocean energy).

The event will be **open to the public and free of charge** and will include a networking cocktail.

As always TPCWind members will have the opportunity to hold Working Group meetings in the morning and in the first half of the afternoon. Specifically, TPCWind members will focus on the update of the Strategic Research Agenda / Market Deployment Strategy (SRA/MDS).

For more information on the event please contact Manuela Conconi (manuela.conconi@ewea.org; +32 2 2131856).

Third EWEA Technology Workshop:

Wind Turbine Noise: From Source to Receiver

11-12 December 2012 - Oxford, UK

Following the success of the workshops on [resource assessment](#) (Brussels, May 2011) and post-construction assessment (Lyon, July 2012), EWEA's third technology workshop, organised in response to requests from EWEA members and industry, will provide a unique, industry-only forum within which to discuss the key acoustic issues currently facing the industry. Participants will leave the workshop with:

- a thorough understanding of the key issues involved in designing wind farms that will be 'good neighbours' to their local residents;
- insight into the challenges that the industry will face and the way forward;
- a network of acoustic contacts that will help them in their own activities as we move forward to 2020.

The workshop will take place over one and a half days with five sessions focusing on:

- Wind Turbine Noise at Source – The Impact of the Design
- Wind Farm Design – Being a Good Neighbour
- Real-World Noise Measurements – Emission and Immission
- National Guidelines and Human Perception of Noise
- Wind Turbine Noise – Tones, Amplitude Modulation (AM), Low Frequency Noise (LFN) & Infrasound

[Programme and registration](#)

Register online at early rates before 2 October 2012.

EWEA Emerging Market Workshops 2012:

See www.ewea.org/events for full information

In 2012, EWEA continues its series of free-to-attend policy workshops in emerging wind markets organised in co-operation with the national associations.

2nd Annual Romanian Wind Energy Forum

Constanta, Romania
5-7 September 2012

www.windenergyforum.ro

Organised by: Romanian Wind Energy Association (RWEA)

In association with: EWEA

4th Annual Wind Energy in Bulgaria Workshop

Sofia, Bulgaria

20 November 2012

www.ewea.org/events

Organised by: EWEA

In association with: Bulgarian Wind Energy Association (BGWEA), Bulgarian Association of Producers of Ecological Energy (APEE)

For full information on these and other EWEA events see: www.ewea.org/events

Interested in extra visibility for your organisation at these workshops?

Contact Tim Robinson - tim.robinson@ewea.org or tel: +32 2 213 1844 for the contact details of the relevant national association.

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

Call for abstracts final deadline 16 September 2012: The EWEA annual conference programme features hundreds of high-quality presentations covering the length and breadth of the wind energy sector. Submitting an abstract gives you the opportunity to showcase your research project, case study, policy/market update, best practices etc., in front of thousands of wind energy professionals. View the [preliminary conference programme overview](#). If you or any of your colleagues are interested in speaking at the event, you can submit an abstract until 16 September. [Read more about submitting an abstract](#)

Registration opens 18 September 2012 for conference delegates and exhibition visitors. **Register before 30 September and visit the exhibition for free!** [Full details and pre-registration](#)

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 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

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 14,000m² 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. [More information and exhibition floorplans](#) or email the sales team: sales@ewea.org

EWEA 30th anniversary reception

This year EWEA celebrates its 30th anniversary. On this occasion, we would like to invite Wind Watch readers to take part in a debate looking into the future of wind industry. This high-level panel discussion will be followed by a reception and will take place in Brussels on Wednesday 26 September starting at 18.30 (venue to be confirmed). If you would like to attend simply email ewn@ewea.org

Meet EWEA Eolica Expo & Husum 2012

In September EWEA's team will be attending Eolica Expo and Husum 2012. If you want to meet us at either event to discuss your membership services and your involvement in future EWEA activities simply email membership@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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