



Monthly TPWind Newsletter – June 2009

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Developed by TPWind Secretariat

For any feedback or questions on the newsletter, please contact Filippo Gagliardi (filippo.gagliardi@ewea.org, +32 2 546 1982).

Section 1 – Funding opportunities

Intelligent Energy Europe (IEE)

Call deadline: 25 June 2009

IEE is the EU's instrument for improving energy efficiency and supporting the use of renewable energy sources. It has an overall budget of € 727 m and runs from 2008 to 2013.

The 2009 “call for proposal” has been published on March 31st: its total budget is € 65 m and its deadline will be on June 25th, 2009.

The 2009 call is relevant to wind energy operators because one of its priorities will be to reduce non-technological barriers to offshore power (e.g. by developing better maritime spatial planning tools with an EU approach).

It should be noted to this purpose that the Commission is not looking for projects aiming just to raise awareness on the issue or to provide inputs to EU decision makers. On the other hand, priority will be given to actions capable of putting in place new administrative procedures, regulations, codes or plans. Participants should therefore make sure that their proposal will be capable of delivering tangible results. As for the composition consortia, they should involve TSOs, regulators, public administrations, developers, other marine users' interest groups and NGOs.

More information can be found [here](#).

European Metrology Research Programme (EURAMET)

Call deadline: 28 June 2009

The European Metrology Research Programme (EMRP) is a metrology-focused European programme of coordinated R&D that facilitates closer integration of national research Programmes. The EMRP will ensure collaboration between National Measurement Institutes, reducing duplication and increasing impact. The overall goal of the EMRP is to accelerate innovation and competitiveness in Europe whilst continuing to provide essential support to underpin the quality of our lives. The EMRP is a long-term programme for high quality joint R&D amongst the metrology community in Europe.

This call could be relevant to wind energy operators who have metrology research topics to advance science and technology in the field of Energy.

Details of the participating countries, call scope, eligibility, funding, application forms etc will be available at the dedicated [website](#).

European Energy Programme for Recovery (EPR)

Call deadline: 15 July 2009

A € 4 bn package to fight the current economic and financial crises was approved by the European Parliament and Council at the beginning of May.

The aim of the package is to support smart investments in the fields of gas and electricity interconnectors, offshore wind power and CCS, so as to support the economy and avoid the worst effects of recession. The amount earmarked for offshore wind is € 565 m.

The offshore wind projects included in the package are the following:

- Baltic I;
- Kriegers Flak I, II and III;
- North Sea Grid;
- Borkum West II;

- Bard I;
- Nordsee Ost;
- Global Tech I;
- Aberdeen offshore wind farm;
- Thornton Bank.

On May 18th, a call for proposals for financing these projects has been published by the European Commission.

Even if the call is targeting the abovementioned, it is nevertheless open to competition.

The deadline for the submission of proposals is July 15th, 2009, and the full application package can be found [here](#).

European Institute of Technology (EIT)

Call deadline: 27 August 2009

The European Institute of Innovation and Technology (EIT) is to be a key driver of sustainable European growth and competitiveness. The mission of the EIT is to grow and capitalise on the innovation capacity of actors from higher education, research, business and entrepreneurship through the creation of highly integrated “Knowledge and Innovation Communities” (KICs). One of the first priorities of the EIT is therefore to select, by December 2009, the first KICs. They will be highly integrated, creative partnerships including education, technology, research, business and entrepreneurship that will produce new innovations and new innovation models and inspire others to emulate them.

The EIT has therefore published, on April 2nd, 2009, a “call for proposals” for selecting and designating the first two or three KICs.

The “call” will close on August 27th, 2009 and the total contribution from the Community budget to the EIT available for funding all KICs activities is expected to be around € 270 m for the period 2010 - 2013.

More information can be found [here](#).

EUROGIA+

Call deadline: 2 September 2009

EUROGIA+ is a cluster of the EUREKA network, a decentralised intergovernmental initiative started in 1985. Its main aim is to enhance European competitiveness by supporting businesses, research centers and universities that take part in trans-national projects. It does so via numerous programs, notably the Clusters – a component of the EUREKA Strategic Initiatives. It addresses all areas of the energy mix, from fossil fuels to renewable energy technologies.

This “call” opens on 2 June and addresses ALL technology domains described in EUROGIA+ White Book. Starting with any given energy source (Oil & Gas, Biomass, Wind, Solar, Geothermal, etc), EUROGIA+ invites for industrial innovation that will address part or all of any path between the source and end user(s) via an energy vector (combustible, electricity or heat). The project must result in minimising the carbon footprint AND optimising the market value of the resulting product/process or service.

The consortium must:

- Comprise 2 or more industrials from 2 different EUREKA member countries
- Demonstrate technical innovation

- Have strong commitment to commercial exploitation
- The contribution from any given country and/or any given organisation must not exceed 66% of the total budget.

More information can be found [here](#).

Entrepreneurship and Innovation Programme (EIP)

Call deadline: 10 September 2009

The EIP has the aim of promoting all forms of innovation in enterprises (especially in SMEs). It has an overall budget of €585 m and runs from 2007 to 2013.

The 2009 EIP “call” has been published on April 20th, 2009, has a total budget of €30 m and will close on September 10th, 2009.

The EIP could be relevant to wind energy operators because one of its priorities is the promotion of eco-innovation, which includes all forms of innovations resulting in significantly improved environmental protection (e.g. new production processes, products, services or business methods which prevent or substantially reduce the risks they pose to the environment). For this reason, the development of new recycling strategies represents one of the key areas supported by EIP.

More information can be found [here](#).

7th Framework Programme for Research & Development: Infrastructures

Call deadline: 3 December 2009

The FP7 Specific Programme 'Capacities' aims at optimising the use and development of research infrastructures. It runs from 2007 to 2013. Objectives are to optimise the use and development of the best research infrastructures in Europe and to help create new research infrastructures of pan-European interest in all fields of science and technology, thus providing the conditions for the European scientific community to remain at the forefront of the advancement of research.

This “call” is relevant for wind energy operators: one of the topics (i.e. INFRA-2010-1.1.23: Research Infrastructures for offshore renewable energy devices: ocean-, current-, wave- and wind energy) is relevant to wind energy and will support the SET-Plan. Normally the EC contribution for an Integrating Activity project is 6 – 10 million EUR.

The indicative date of publishing the FP7-INFRASTRUCTURES-2010-1 “call” is 30 July. The call fiche and supporting documents will be available on [CORDIS](#) from call publication.

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Section 2 – News from the Secretariat

TPWind 4th General Assembly

The 4th General Assembly (GA) of TPWind took place on May 13th and 14th, 2009, in Brussels.

Day one was dedicated to internal Working Group (WG) meetings, which discussed the following issues:

- How to create the best possible conditions for launching the projects included in the “SRA / MDS Implementation Plan”;
- How to fine-tune the “European Wind Initiative” (which was presented to Member States for the first time on March 31st and then on two other occasions: at the Sherpa Group meeting on April 28th and at the High Level Steering Committee meeting of the “Strategic Energy Technology Plan” on May 13th);
- How to structure the future of TPWind (a first draft of an action plan was developed by the Secretariat and sent to members on April 27th).

Day two was dedicated to the plenary session, where the Secretariat and EC representatives updated TPWind members on the latest developments of the Platform and of the wind energy sector. In the afternoon, TPWind Working Group chairs reported on the results of day one meetings.

The Secretariat is currently in the process of reviewing all the inputs received from TPWind members in order to update its plans and strategic documents (i.e. the “European Wind Initiative”, the “SRA/MDS Implementation Plan” and the action plan on the future of the Platform).

More information on how the comments and remarks of TPWind members have been taken into account and implemented in the plans of the Platform will be provided in the next issues of the newsletter.

The next GA (i.e. the 5th one) will take place in Brussels on Tuesday the 10th of November, 2009.

TPWind 7th Steering Committee Meeting

TPWind 7th Steering Committee meeting was held in Brussels on May 12th, 2009.

The meeting focused on three main topics:

- The European Wind Initiative;
- The SRA/MDS Implementation Plan;
- The future of TPWind.

European Wind Initiative (EWI)

On March 31st, the EWI was presented for the first time to Member States. Following this meeting, the EWI was presented also to the Sherpa Group (April 28th) and to the High Level Steering Committee of the SET-Plan (May 13th).

The EWI was well received from Member States, no remarks on its budget were put forward (which will be up to € 6 bn for the 2010 – 2020 period) and only minor changes to the text were required

(i.e. highlighting the importance of social acceptance and of deep offshore technologies and developing reliable indicators on the economic impact of the Initiative).

The latest version of the EWI was presented to Steering Committee members. Following the presentation, possible economic indicators were discussed as well as a potential implementing structure of the Initiative (which will be finalised, together with the European Commission, in the coming months).

SRA/ MDS Implementation plan

The SRA/MDS Implementation Plan was presented to the European Commission (DG TREN and DG RTD) on April 29th, 2009 (and later on to the Executive Agency for Innovation and Competitiveness on June 4th).

The Plan was well received and the Commission is open to use it as a starting point to develop future calls for proposals of relevant funding instruments (e.g. FP7, FP8 and IEE).

The SRA/MDS Implementation plan was presented to Steering Committee members, who identified some areas of improvement, such as:

- Setting up a “leadership team” to drive projects forward;
- Explaining clearly the differences and interconnection between the EWI and the SRA/MDS Implementation Plan to TPWind members;
- Explaining the relation to EWI objectives of each project included in the SRA/MDS Implementation Plan, so as to show the coherence of the two documents.

Future of TPWind

The first version of the Action Plan on the future of TPWind was presented to Steering Committee members.

This Plan, which covers three main areas (i.e. development of wind energy projects, dissemination of information relevant to wind energy operators and cooperation with key stakeholders – like the American Wind Energy Association and other European Technology Platforms) will guide the development of TPWind over the next decade.

The Plan was discussed also at the 4th General Assembly of the Platform and Steering Committee members welcomed it and commented on it.

Its final version will be developed in the coming months in order to be presented at TPWind 5th General Assembly.

The EU Economic Recovery Plan

The EU Economic Recovery Plan, a € 4 bn package to fight the current economic and financial crises, was eventually approved by the European Parliament and Council at the beginning of May, 2009.

The aim of the package is to support smart investments in the fields of gas and electricity interconnectors, offshore wind power and CCS, so as to support the economy and avoid the worst effects of recession. The amount earmarked for offshore wind is €565 m.

The offshore wind projects included in the package are the following:

- Baltic I;
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- Global Tech I;
- Aberdeen offshore wind farm;
- Thornton Bank.

On May 18th, a call for proposals for financing these projects has been published by the European Commission.

Even if the call is targeting the abovementioned, it is nevertheless open to competition.

The deadline for the submission of proposals is July 15th, 2009.

TPWind is not involved in the development of the Plan or in the selection of its projects. However, TPWind priorities were taken onboard by the EC when developing the Plan.

More information is available [here](#) and in section 4 of this newsletter (i.e. Funding Opportunities).

European Wind Initiative (EWI)

The EWI was presented to the High Level Steering Committee of the SET-Plan (which gathers senior representatives of Member States and of the Commission) on May 13th.

Once again, the Initiative was well received and only minor changes were required (while no comments were made on its proposed budget, which should be of up to €6 bn).

The next steps in the development of the EWI will be the following:

- Establishing an implementing structure and financing rules (the European Commission and TPWind will work together on this during the summer);
- Present and discuss the EWI during the SET-Plan workshop organised by the Swedish Presidency on October 21st and 22nd, 2009;
- Obtain the final endorsement of the EWI at the 2010 EU Spring Council.

In parallel, the European Commission will develop the “Wind Energy Technology Roadmap 2010 – 2020”, which will basically represent a summary of the EWI.

- A public consultation on the roadmap will start in June/July. The roadmap will be discussed at the SET-Plan Energy Summit, organised by the Swedish presidency in September
- The roadmap will be presented to the Spring Council in March 2010

TPWind will provide additional information on the development of the Initiative in the next issues of the newsletter.

Cooperation with European Steel Technology Platform (ESTEP)

The Secretariat of TPWind attended the meeting of Working Group 6 (i.e. the one dealing with Energy) of the European Steel Technology Platform (ESTEP) on May 26th, where cooperation opportunities were presented and discussed.

ESTEP representatives have already been included in TPWind Working Groups 2 and 4 and a joint meeting with the European Commission on the cooperation between the two Platforms was held on the previous day (i.e. on May 25th).

ESTEP appears to be keen in improving its cooperation with TPWind, in particular for developing projects on new substructures (based on a more resistant type of steel) and on the automation of manufacturing processes.

ESTEP will invite TPWind representatives to thematic meetings on automation steel manufacturing processes and substructures.

TPWind is welcoming the proposals of ESTEP and will keep encouraging the cooperation between the members of the two Platforms. It is foreseen that similar initiatives will be taken, in the near future, with two other European Technology Platforms: SmartGrids and Waterborne.

Impact Assessment study on EMODNET

The London-based marine consultancy MRAG Ltd (www.mrag.co.uk) has prepared an Impact Assessment study for DG MARE of the European Commission regarding the European Marine Observation and Data Network (EMODNET). It is intended that EMODNET will improve access to high quality marine data and to stimulate the maritime economy.

The EC is currently developing an impact assessment study in parallel to the one developed by MRAG (for which a public consultation, which closed on June 2nd, was launched).

This study will examine the costs of marine environmental data collection and management in Europe as well as the legal basis of possible future action.

The Impact Assessment study focuses on France, UK, Spain, Netherlands and Sweden and in particular marine data in other words offshore wind-farms.

TPWind was asked to distribute the links to the Impact Assessment questionnaire to member organisations in the above-mentioned countries. It appears that the establishment of EMODNET will bring a significant positive benefit for marine environmental data users and thus objectively it would appear to be an initiative worthy of support.

The questionnaire has been prepared in [English](#), [French](#) and [Spanish](#).

TPWind members from France, UK, Spain, Netherlands, and Sweden are kindly invited to fill in this questionnaire as soon as possible.

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Section 3 – News from members

TPWIND: a view from Working Group 3

(Wind Energy Integration – chair: Hannele Holttinen)

Wind integration is a hot topic, with a large IP project proposal submitted by TPWind members under the latest FP7 energy call (which closed on April 29th) and the European Recovery Plan call on the North Sea grid published on May 18th.

The objectives of WG3 (Wind Integration) are to enable large-scale grid integration of on- and offshore wind energy. Wind penetration levels foreseen for Europe are high: 20 % in 2020, 33 % in 2030 and 50 % in 2050. Maintaining the reliability and reducing integration costs is crucial and demands both R&D and demonstration.

At the last general assembly on May 13th and 14th, the Wind Integration Working Group worked on improving the text and milestones of the “European Wind Initiative” as well as on specifying the projects for the SRA/MDS Implementation Plan.

The group expressed the need to develop an “Offshore grid R&D roadmap”, i.e. an umbrella Programme to coordinate and supervise the continuity of the offshore grid demonstrations and developments.

“Modelling tools and improved management methods for high wind penetration power systems” was regarded as one R&D topic, further investigating all flexibility options that power systems have in managing the variability and uncertainty that large wind power penetrations will bring about.

“Grid planning and operation” was considered as a third key input to the SRA/MDS Implementation Plan.

The topics of Wind Integration are partly overlapping with those tackled by the SmartGrids Technology Platform and the European Grid Initiative. More in details, the projects related to “Acceptance of Overhead Lines” and “Smart Power Line Technology” could well be realised in the European Grid Initiative – or vice-versa, especially considering that wind power is one of the main drivers for the current development of renewable technologies.

Environmental Wind Engineering and Wind Energy Structures

Mr Claudio Borri, a member of TPWind Steering Committee, is currently coordinating a CISM (International Centre for Mechanical Science) training course on environmental wind engineering and wind energy structures, co-promoted by ANIV (Italian Association for Wind Engineering).

The course will present both experimental and computational approaches along with examples from actual studies. Pollutant dispersion will also be presented and discussed.

The course will take place on September 14 – 18, 2009, in Udine (Italy).

More information are available [here](#).

*The goal of this section of the newsletter is to **host articles developed directly by TPwind members**, so as to provide them with the opportunity to inform the Platform on their most recent achievements, plans, products, studies or R&D efforts.*

Every month, 2 to 4 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, together 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 this newsletter to contact Filippo Gagliardi and send him their contribution by 30 June at the latest (filippo.gagliardi@ewea.org; +32 2 546 19821).

The selected articles will be published in the next issue of the newsletter, which will be circulated at the beginning of July.

To this purpose, the Secretariat would like to remember 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

June

Wind Energy the Facts – Project Workshop

June 12, 2009 – Budapest, Hungary

This workshop has the aim of presenting the Wind Energy – The Facts (WindFacts) project and publication. This event is part of its dissemination strategy (like the workshops in Riga, Latvia, on 22 May and in Bucharest, Romania, on 2 June). More information is available [here](#).

Global Wind Day

June 15, 2009 - Global

The Global Wind Day is an awareness campaign for the promotion of wind energy worldwide. On 15 June 2009, thousands of public events will be organised simultaneously around the world. More information on the events and the campaign is available [here](#).

Windforce 2009 - Direction Offshore

June 16 – 18, 2009 – Bremerhaven, Germany

This event, which will provide an overview of the most relevant challenges and developments of offshore wind, is organised by WAB, the industrial network for wind energy in the northwest region of Germany. WAB includes around 185 companies and institutes from all fields of the wind energy sector. More information is available [here](#).

BWEA Offshore Conference 2009

June 24 and 25, 2009 - Westminster, UK

The Offshore Conference organised by the British Wind Energy Association (BWEA) will be dedicated to the development of offshore wind power in the UK. Over 500 delegates are expected to join the event, including senior government officials, investors, financiers, manufacturers, developers and all others with an interest in the latest policy and technical developments in offshore wind. More information is available [here](#).

Annual Conference of the North Sea Region Programme

June 24 – 26, 2009 - Egmond aan Zee/Haarlem, The Netherlands

The conference marks the main annual event of the North Sea Region Programme 2007-2013, which aims to expand the scope of transnational cooperation and facilitate relevant and innovative projects for the North Sea Region. This year the conference will address the issue of sustainable innovation. More information is available [here](#).

July

5th European-African Conference on Wind Engineering (EACWE)

July 19 – 23, 2009 – Florence, Italy

The EACWE conference will represent an opportunity to exchange experiences and best practices among engineers and scientists in the field of wind engineering. TPWind will participate to the event: Filippo Gagliardi will deliver a presentation on the most recent achievements of the Platform and on its next steps.

More information is available [here](#).

September

European Offshore Wind Conference and Exhibition 2009

September 14 – 16, 2009 – Stockholm, Sweden

This will be the 3rd edition of the bi-annual offshore conference and exhibition organised by the European Wind Energy Association (EWEA). The conference will examine how the development of offshore wind energy is progressing and will propose solutions to the many challenges still facing the industry. Further to that, practical steps forward to decision makers at EU and national levels will be presented. The conference will emphasise the importance of grid integration, industrial development and environmental and administrative considerations.

More information is available [here](#).

Eolica Expo Mediterranean 2009

September 30 – October 2, 2009 – Rome, Italy

This fair on wind power, organised in parallel with the 8th Conference on Wind Energy in the Mediterranean area, will be a unique opportunity to meet the most relevant stakeholders of the sector. Further to that, the exhibition will take place in the framework of “Zeroemission Rome”, a major event involving many other renewable energy sectors (including PV, solar, biomass and ocean energy). More information is available [here](#).

October

8th International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Farms

14-15 October 2009 - Bremen, Germany

The 8th edition of this international forum is accompanied by the “3rd workshop on Best Practice in the Use of Short-term Forecasting of Wind Power” on 13 October. More information is available [here](#).

BWEA Annual Conference and Exhibition

21-23 October 2009 - London, UK

Three days of conference sessions will address policy, development and technical aspects of UK onshore and offshore wind energy, wave and tidal energy and small wind systems. The accompanying exhibition will see over 150 companies display their products and services. More information is available [here](#).

November

3rd European Renewable Energy Policy Conference

November 16 and 17, 2009 – Brussels, Belgium

The 3rd European Renewable Energy Policy Conference is organised by EREC (European Renewable Energy Council), umbrella organisation which counts as its members EWEA. This flagship policy conference will take place within the framework of the EU Swedish Presidency and will serve as a high-level political platform with highest visibility on the European energy political scene where industry leaders can meet policy-makers and express their future needs. More information is available [here](#).

2010

European Wind Energy Conference and Exhibition 2010

20-23 April 2010 - Warsaw, Poland

EWEC is widely regarded as the most professional, comprehensive and informative in the wind sector. It offers a unique opportunity to generate new business leads. EWEC is the only annual event which combines an extensive exhibition of the leading players with a conference covering every key aspect of the wind market – from technical and theoretical to policy and practice. Join over 6,000 key players in the wind industry for four days of networking and professional development. More information is available [here](#).

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