



Monthly TPWind Newsletter  
October 2011

**Contents**

**Section 1 – Funding opportunities**

**Section 2 – Secretariat news**

TPWind opens sponsorship opportunities

First TPWind Energy R&D event to take place on 4 October

**Section 3 – Members' news**

EU offshore wind power shows solid growth in first half of 2011

European Wind Energy Master (EWEM)

**Section 4 – Events**

**Produced for TPWind by the European Wind Energy Association**

---

If you have any **feedback or questions** about the newsletter, or to **unsubscribe**, please contact Filippo Gagliardi ([filippo.gagliardi@ewea.org](mailto:filippo.gagliardi@ewea.org), +32 2 2131813).

Past TPWind newsletters are available here: <http://www.windplatform.eu/9.0.html>.

## Section 1 – Funding opportunities

### 7<sup>th</sup> Framework Programme for Research and Development

The new FP7 Energy calls for proposals (belonging to the 2011 Work Programme) were published on 20 July, 2011. The topics outlined below are relevant to wind energy operators.

For a full description of these topics and more information on the application procedure, please visit the following web-page: [http://ec.europa.eu/research/participants/portal/page/fp7\\_calls](http://ec.europa.eu/research/participants/portal/page/fp7_calls).

*Call deadline: 25 October 2011 (pre-proposals only – this topic follows a two-stage evaluation procedure)*

#### Topic ENERGY.2012.2.3.1: Innovative wind conversion systems (10-20MW) for offshore applications

Content/scope: The objective is to bring major innovations in the design and manufacturing of large wind energy conversion systems (aiming at 10-20MW) for offshore applications. Particular attention should be paid to substantially reducing the wind turbine head mass (rotor/nacelle) as well on marine-compatible substructures, including floating platforms. Innovations such as compact superconductor generators, smart blades, reliable magnetic pseudo-direct drive trains should be investigated alongside new turbine designs. Innovative low-cost substructures with suitable hydro-dynamic properties should be developed using long-lasting, anti-fouling, corrosion resistant materials with high damping properties

A complementary topic on materials for wind turbine blades is included in the NMP Call (Provisional title: NMP.2012.2.2-4: Cost-effective materials for larger blades for off-shore wind energy applications). Avoiding duplication will be part of the negotiation of any ultimately selected project.

*Call deadline: 8 November 2011 (pre-proposals only – this topic follows a two-stage evaluation procedure)*

#### Topic NMP.2012.2.2-4: Cost-effective materials for larger blades for off-shore wind energy applications

Content/scope: Off-shore wind offers enormous potential but also poses great technical challenges. The industrial initiative in the European Strategic Energy Technology Plan (SET-Plan) on wind energy thus considers this as one of its strategic objectives. In particular, new cost-effective materials, architectures, and processes are crucial for the next generation large-scale off-shore wind turbine generators. As a non-binding example: 90- metre blades are considered to be a possible target combination with materials that can offer a weight reduction of about 40% compared with standard designs.

Research proposals should address the development of innovative advanced materials and/or material combinations (including coatings) associated with the rotor, and in particular the blades, of an off-shore wind turbine generator. The reduction of the weight of the components without sacrificing their strength is a key objective with increasing rotor diameter. The proposed solutions should demonstrate to cope realistically with the particular and stringent demands of large blades in view of off-shore applications, such as e.g. long term operation in a corrosive and humid environment, under severe temperature variations and high load conditions. Compliance with environmental regulations as well as the environmental sustainability of each proposed solution shall be assessed with special emphasis on the recyclability. Blade design may be addressed if specifically relevant to the development of the materials. Dedicated modelling, standardisation, improvement of rotor blade test methods and/or the production of (certified) reference materials may also be addressed as an integrated part of the research proposal.

In order to ensure industrial relevance and impact of the research effort, the active participation of industrial partners, including end users and those involved in industrial development in harsh environments, represents an added value to the activities and this will be reflected in the evaluation, under the criteria Implementation and Impact.

#### NMP.2012.4.1-3 Development of advanced magnetic materials without, or with reduced use of, critical raw materials

Content/scope: Permanent magnets are essential e.g. in transport, wind energy and refrigeration applications, while externally controllable magnetic materials are being used in IT applications. Magnetic materials may require the use of critical raw materials which are increasingly sensitive to market distortions. Within the present call, the critical raw materials are the priority ones given in the report 'Critical Raw Materials for the EU'. In the light of possibly reduced levels of exports due to trade restrictions resulting in an uncertain long-term availability of these elements, there is a need to focus research on developing new magnetic materials without critical raw materials

(or with drastically reduced quantities), without compromising their functional performance. Substituting magnetic materials and/or reducing the use of critical raw materials in view of the raw materials initiative has already been initiated, but finding high-performing magnetic materials is only in its infancy and further research is needed. Research proposals should address the development of novel advanced magnetic materials that reduce the dependency on Critical Raw Materials. The proposed solution should show substantial improvement on their performances and/or on the elimination or drastic reduction of use of critical raw materials. The nature of magnetism to be investigated could be, but is not limited to, carbon-based magnetism (e.g. in graphene and functionalised nanotubes), molecular magnetism, interface- and defect- (impurities or structural defects) based magnetism, or magnetism in complex heterostructures or in magnetic fluids. New magnetic material with better characteristics, hard permanent magnets with a high energy product (high magnetisation and high coercivity) and soft permanent magnets with low coercivity, materials exhibiting half-metallicity or a high magnetocaloric effect and externally controllable magnets are included. The research should investigate how to reduce or substitute the quantities needed of scarce elements via modelling and material design improvements. Eco efficient production and recycling processes as integrated part of the material science and engineering research should be proposed to increase manufacturability and to reduce the total amount of critical raw material necessary. Estimates of cost comparisons should also be elaborated. Standardisation and/or the production of (certified) reference materials may also be addressed as an integrated part of the research proposal. The research should include test structures to validate the material properties and should also consider how to extend the life time of materials; an LCA should prove the targeted reduction in the use of critical raw materials. General device design is excluded.

#### NMP.2012.4.1-2 Innovative recycling technologies of key metals in high-tech applications

Content/scope: The EU industry is becoming more and more dependent on metals which are essential in the manufacture of advanced technological products, such as circuit boards, semiconductors, coatings, magnets, mobile phones, computers, home electronics, and solar panels. For example, these metals include platinum group and rare earth metals. The use of electronic products is increasing globally, because of the combination of shorter product lifecycles and stricter legislation, which are making electronic waste the fastest growing recycling segment.

Recycling technologies reduce waste going to disposal, consumption of natural resources and play an essential role in the move towards sustainable consumption and production.

Within this SME intensive sector, there is also potential to significantly improve recycling efficiency and capacity by encouraging innovation and introducing more effective processes and technologies. This would save costs, energy, and natural resources and thus help Europe to be less dependent on prices and imports of the key metals in high-tech applications.

Call deadline: 24 January 2012

#### NMP.2012.4.1-4 Substitution of critical raw materials: networking, specifying R&D needs and priorities

Content/scope: Raw materials are an essential part of both high tech products and every-day consumer products. The European Commission has adopted a new integrated strategy which sets out targeted measures to secure and improve access to raw materials for the EU (Communication on raw materials COM(2008)699 and accompanying Commission Staff Working Paper SEC(2008)2741 of 4 November 2008). The ad-hoc group of the Raw Materials Supply Group has issued a report containing policy-oriented recommendations to secure access to critical raw materials and to enhance its efficient use (Critical raw materials for the EU – Report of the Ad-hoc Working Group on defining critical raw materials).

Amongst other actions, the report recommends: (i) to improve the availability of reliable, consistent information in relation to raw materials; encouraged more research into life-cycle assessments for raw materials and their products on a 'cradle-to-grave' basis; (ii) to create a working group(s) to further analyse the impact of emerging technologies on demand of raw materials; and (iii) to engage in policy actions to make recycling of raw materials or raw material-containing products more efficient, including the promotion of research on system optimisation and recycling of technically-challenging products and substances, according to an appropriate LCA approach. The report also recommends that substitution should be encouraged, notably by promoting research on substitutes for critical raw materials in different applications and to increase opportunities under EU RTD Framework Programmes.

The proposed support action should network interested stakeholders, in order to create a pole of competence on the emerging field of the substitution of critical raw materials. It should identify and propose initiatives to help to address relevant EU policies effectively, and also address the specificities of this area such as its industrial, environmental, economic and geopolitical aspects. During its life, the action should collect and elaborate data and make available to the EU Institutions and Member States accurate pictures, analysis of needs, threats and opportunities and proposals for further action. A roadmap of actions, actors and timing, including mapping and networking of existing national activities and/or centres should be developed. During negotiations,

complementarity will be ensured with work performed in response to topic GC.SST.2012.1-3, 'European strategy for rare materials and their possible substitution'.

Call deadline: 8 March 2012

Topic ENERGY.2012.2.3.2: Demonstration of innovative designs to reduce fatigue loads and improve reliability of multi-MW turbines

**Contents/scope:** A strategic objective of the industrial initiative of the SET Plan on wind energy is to reduce cost of energy by improving reliability and availability of wind turbines and their components. Optimizing operation and maintenance is an additional strategy for achieving this objective. Both increasing reliability and optimizing operation and maintenance have a direct impact on the availability of wind turbines and thus reduce costs and increases energy output.

This strategy contributes considerably to making wind energy fully competitive. This topic focuses on the first strategy: improving reliability by incorporating this concept in the design process of the entire wind turbine system. The main goal of the project will be to upgrade existing reliability engineering methodologies to large wind turbine systems and demonstrate their effects during operation. The projects could address different types of climatic conditions and geographical locations in order to demonstrate improved reliability and availability under such operating conditions.

The application of reliability engineering methods and their validation may be applied to new rotor concepts and other turbine components, such as drive train components, designed for very large wind turbines (in the 2 to 6 MW range), in particular for offshore applications.

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

*Call deadline: 20 March 2011 (for PRTs) and 3 October 2011 (for JRPs)*

EURAMET e.V. has launched a Call within the EMRP (European Metrology Research Programme) addressing the topic areas 'Metrology for Health', 'SI Broader Scope' and 'Metrology for New Technologies' on 4 February 2011.

Stage 1 of the Call for proposals for Potential metrology Research Topics (PRTs) is open from 4 February 2011 to 20 March 2011.

Stage 2 of the Call for proposals for Joint Research Projects (JRPs) and associated EMRP Researcher Grants is open from 20 June 2011 to 3 October 2011.

The JRPs are supported by a number of EMRP Researcher Grants (see details below). Whilst the EMRP is executed primarily by the national metrology institutes and designated institutes of the participating countries, all interested parties are invited to submit potential topics in Stage 1. Opportunities for wider participation also exist at later stages.

The Call encompasses a two-stage process and includes three grant schemes:

A. The core activity is multi-partner trans-national projects.

Stage 1 – Call for PRTs:

- Identifying the challenge, problem or opportunity for potential research topics;
- Offering the chance for all stakeholders from any country worldwide to influence the R&D undertaken by the European metrology community.

Stage 2 – Call for JRPs:

- The basis will be provided by the highest priority ideas for research from Stage 1, accompanied by a EURAMET-owned supporting document;
- A competitive European-wide independently refereed evaluation will result in a list of collaborative JRPs, executed primarily by the NMIs and DIs of the participating countries;
- Possibility to include proposals for Researcher Excellence Grants within the JRP proposals;
- Opportunity for organisations to participate with their own resources;
- Opportunity for organisations with an interest in the research area to collaborate with their own resources.

B. The JRPs are accompanied by the following EMRP Researcher Grant schemes, which are available:

At Stage 2:

- Researcher Excellence Grants (REG) – provided to increase the number of organisations with capacities closely related to metrology and to open metrology research to the best science. They will be made available to eligible European organisations and/or individuals capable of making a substantial contribution to the research activities of the JRP, and must form an integral part of the JRP.

At Stage 3:

- Researcher Excellence Grants (REG) – provided to increase the number of organisations with capacities closely related to metrology and to open metrology research to the best science. They will be made available to eligible European organisations and/or individuals capable of making a substantial contribution to the research activities of the JRP. They allow individuals capable of scientific excellence to add additional value to the research objectives of the JRP.
- Researcher Mobility Grants (RMG) – provided to develop the capability of the European metrology researcher community through mobility. They will be made available to eligible researchers.

C. In addition, an Open Call for Early-Stage Researcher Mobility Grants (ESRMG):

- Provided to ensure sustainability in the cooperation between NMIs and DIs of the participating States in the EMRP and to prepare the next generation of metrology researchers. They will be made available to eligible researchers.

Details can be found on the dedicated call webpage: [www.emrponline.eu/call2011](http://www.emrponline.eu/call2011)

[Back to top](#)

## Section 2 – Secretariat news

### TPWind opens sponsorship opportunities

On 26 September TPWind is launching new sponsorship opportunities to provide its members with additional visibility at EU level.

Every organisation with at least one representative in TPWind is entitled to become a sponsor of the Platform. Three different packages (platinum, gold and silver) are available:

- **Platinum sponsor**

Price: € 20,000

Benefits for the sponsor:

1. Publication of sponsor's logo and hyperlink on the TPWind website (on the homepage: <http://www.windplatform.eu/>).  
The Platform website had **more than 13.500 single visits over the past year**.
2. Publication of sponsor's logo and hyperlink on monthly TPWind newsletters (before the table of contents - past newsletters are available here: <http://www.windplatform.eu/9.0.html>).  
Newsletters reach **more than 500 wind energy experts and decision-makers in Europe** every month.
3. Possibility of displaying promotional material (publications as well as banners and flags) **on a dedicated stand** at TPWind Events, which take place twice a year (General Assemblies in March or April and Energy Events in October or November).  
All sponsors' material will be placed at the entrance of the venue in order to be clearly visible and available for participants.  
**Every TPWind Event gathers approximately 200 wind energy experts and decision-makers from all over Europe.**
4. Possibility of delivering a 10 minutes speech at TPWind networking cocktails, which close every Platform Event.

- **Gold sponsor**

Price: € 15,000

Benefits for the sponsor:

1. Publication of sponsor's logo and hyperlink on the TPWind website (on the homepage: <http://www.windplatform.eu/>).  
The Platform website had **more than 13.500 single visits over the past year**.
2. Publication of sponsor's logo and hyperlink on monthly TPWind newsletters (before the table of contents - past newsletters are available here: <http://www.windplatform.eu/9.0.html>).  
Newsletters reach **more than 500 wind energy experts and decision-makers in Europe** every month.
3. Possibility of displaying promotional material (publications as well as banners and flags) at TPWind Events, which take place twice a year (General Assemblies in March or April and Energy Events in October or November).  
All sponsors' material will be placed at the entrance of the venue in order to be clearly visible and available for participants.  
**Every TPWind Event gathers approximately 200 wind energy experts and decision-makers from all over Europe.**

- **Silver sponsor**

Price: € 10,000

Benefits for the sponsor:

1. Publication of sponsor's logo and hyperlink on the TPWind website (on the homepage: <http://www.windplatform.eu/>).  
The Platform website had **more than 13.500 single visits over the past year**.
2. Publication of sponsor's logo and hyperlink on monthly TPWind newsletters (before the table of contents - past newsletters are available here: <http://www.windplatform.eu/9.0.html>).  
Newsletters reach **more than 500 wind energy experts and decision-makers in Europe** every month.

Sponsors' resources won't be used to generate revenues but solely to cover the costs of new TPWind Working Group facilitators, which will be introduced as from the next round of meetings on 4 October.

For this reason, once the overall budget for covering facilitators' costs will be reached, sponsorships opportunities will be closed. As a result, sponsorship opportunities will be sold on a first come first serve basis.

Also, sponsorship contracts will be effective as from the day of signature until the end of the TOP Wind project, which currently provides EU funding to the TPWind Secretariat (i.e. up to 31 January 2014). For this reason, the sooner a sponsorship contract is signed, the longer its benefits will apply.

Finally, sponsorship contracts will be signed between the sponsor and the European Wind Energy Association (EWEA), which hosts the TPWind Secretariat and coordinates the TOP Wind project. From a legal and contractual point of view, EWEA will therefore represent the sponsors' contact point and counterpart.

Should you have any question on how to become a TPWind sponsor, please feel free to contact Filippo Gagliardi, TPWind Secretary General ([filippo.gagliardi@ewea.org](mailto:filippo.gagliardi@ewea.org); +32 2 2131813).

### **First TPWind Energy R&D event to take place on 4 October**

In the afternoon of 4 October, TPWind will hold its first energy R&D event open to the public, which will focus on grids and grid integration. The event will take place in Brussels at the MCE - Management Centre Europe (118 Rue de l'Aqueduc) from 2 to 6 pm and will be followed by a networking cocktail, ending at 8 pm.

This cross-sectoral conference, organised with the support of TPWind's Advisory Board, will provide participants with an opportunity to discuss grid integration R&D issues shared by wind energy and other operators and stakeholders. The event is targeted towards wind energy, oil & gas and grids players, as well as policy makers and any stakeholder involved in the planning, development and management of EU grids.

In the morning preceding the conference, a new round of TPWind Working Group meetings will take place: Platform members will join the other participants in the afternoon to attend the conference.

On 4 October, for the first time since the launch of the Platform, professional facilitators will join Working Group meetings to free WG Chairs and Secretaries from people-management duties, allow them to join technical discussions and therefore increase the overall effectiveness of Working Groups. This event will represent an important development and test in the way TPWind operates and is managed: the Secretariat will collect feedbacks on it and ensure any appropriate follow-up.

Because of Working Group meetings in the morning, TPWind members do not have to register to join this event: their participation is already accounted for.

Other participants, on the other hand, are required to register: they can do so on the following webpage: <http://www.ewea.org/index.php?id=2123>.

Due to seating limitations, only up to 100 people will be able to register. For this reason, we invite interested parties to register only if they intend to participate in the event.

The final agenda of the afternoon conference is the following:

13:00	<b>Registration of participants</b>
14:00	<b>First Session: funding and policy (Room BC)</b>
14:00	<b>Introduction and welcome</b> - <i>Henning Kruse, Siemens - TPWind Chairperson, Denmark</i>
14:15	<b>An update on TPWind</b> - <i>Filippo Gagliardi, EWEA - TPWind Secretary General, Belgium</i>
14:30	<b>The future of EU grids</b> – <i>Christophe Schramm, EC (DG ENER) – Security of Supply &amp; Network Policy Officer, Belgium</i>
14:50	<b>Funding grids: the grid integration strand of the European Wind Initiative</b> - <i>Hannele Holttinen, VTT - TPWind Working Group 3 Chair, Finland</i>
15:10	<b>Funding grids: the European Electricity Grid Initiative</b> - <i>Hubert Lemmens, ELIA – ENTSO-E Chair of R&amp;D Committee , Belgium</i>
15:30	<b>Coffee Break</b>
16:00	<b>Second Session: R&amp;D (Room BC)</b>
16:00	<b>Grid integration of natural gas</b> - <i>Simon Blakey, EUROGAS- Special Envoy, Belgium</i>
16:20	<b>Grid integration of wind energy</b> - <i>Paul Wilczek, EWEA – Senior Regulatory Affairs Advisor on Grids &amp; Internal Electricity Market, Belgium</i>
16:40	<b>Grid integration outside the EU: the USA</b> - <i>Brian Smith, NREL - Lab Program Manager Wind and Hydropower Technologies, USA</i>
17:00	<b>Large-scale storage</b> - <i>Estathios Peteves, JRC – Energy Systems Evaluation Head of Unit, The Netherlands</i>
17:20	<b>Integrating renewables: the TWENTIES project</b> - <i>José Luis Mata, Red Eléctrica - Head of Regulatory Affairs and Studies Department, Spain</i>
17:40	<b>Conclusions and closing remarks</b> - <i>Henning Kruse, Siemens - TPWind Chairperson, Denmark</i>
18:00	<b>Networking Event: Cocktail at MCE</b>
20:00	<b>End of Conference</b>

[Back to top](#)

## Section 3 – Members' news

### EU offshore wind power shows solid growth in first half of 2011

The European Wind Energy Association (EWEA) published offshore wind energy statistics for the first half year of 2011, showing a comfortable 4.5% increase in installations of offshore capacity compared to the first half of 2010.

101 new offshore wind turbines, with a total capacity of 348 Megawatt (MW), were connected to the power grids in the UK, Germany and Norway during the first six months of 2011.

In Europe, eleven offshore wind farms worth some 8.5 billion Euros and with a total capacity of 2,844 MW are currently under construction in European waters. The size of the installed offshore wind turbines averaged 3.4 MW - up from an average of 2.9 MW during the first half of 2010.

"While I see several positive trends for the European offshore wind power industry, we are not home and dry yet. The sector is coming out of the financial crisis but is still facing a potential worsening of the general economic crisis. The number of banks providing capital for offshore wind farm investments is steadily growing, although there is a continued need for attracting an increasing number of large institutional investors to offshore wind farms - presently the largest construction projects going on in Europe," said Christian Kjaer, chief executive officer of EWEA.

Several wind farms in Germany and the UK will reach financial close in 2011 and financial institutions will this year provide a record amount of financing to the sector - over 3 billion Euros. Between three and five transactions are expected to close during the course of the year. Equity financing, including divestment of stakes in existing projects to initiate new ones, highlights new approaches to financing among developers and power companies following the financial crisis.

As of 30 June 2011, there are 1,247 offshore wind turbines fully grid connected with a total capacity of 3,294 MW in 49 wind farms spread between nine European countries.

#### [The European offshore wind industry - key trends and statistics](#)

For more information contact:

Peter Sennekamp, EWEA

[peter.sennekamp@ewea.org](mailto:peter.sennekamp@ewea.org)

+32 2 213 18 33

### European Wind Energy Master (EWEM)

The Erasmus Mundus programme of the EU Commission's Executive Agency for Education Audiovisual and Culture is supporting the new "European Wind Energy Master" (EWEM) course, which is being offered at four universities in four different countries.

The joint project between Carl von Ossietzky University of Oldenburg (Germany), Delft University of Technology (Delft, Netherlands), the Technical University of Denmark (Copenhagen, Denmark) and the Norwegian University of Science and Technology (Trondheim, Norway) is starting in the winter semester 2012/13.

The [Masters](#) course will last four semesters and covers the four specialisations wind physics, rotor design, electric power systems and offshore engineering. All students will attend the introductory semester at the Technical University of Denmark. They will then study at two partner universities depending on their specialisations. The wind physics track is available at both Oldenburg and Copenhagen.

"In the wind physics track the students learn how wind power can be used as efficiently and cheaply as possible – depending on the various wind turbine sites and the resulting wind conditions," explains Martin Kühn, endowed professor for wind power systems, who is scientific head of the course at Oldenburg. The final Master's thesis can then be written at the university, a research institute or in the industry.

The course aims to play a role in making highly specialised graduates available to the wind power industry, who then additionally already have extensive international experience

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

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

***The Secretariat invites all TPWind members who would like to publish an article in the next issue of this newsletter to contact Filippo Gagliardi and send him their contribution by 21 October at the latest ([filippo.gagliardi@ewea.org](mailto:filippo.gagliardi@ewea.org); +32 2 2131813).***

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

[Back to top](#)

## Section 4 – Events

### October 2011

#### **First TPWind energy R&D event**

*4 October 2011 – Brussels, Belgium*

The first TPWind energy R&D event will take place on Tuesday 4 October, 2011, at the “Management Centre Europe”, in Brussels (the same venue as for TPWind General Assemblies - <http://www.mce-ama.com>).

The morning will be dedicated to Working Groups’ meetings and will therefore be for TPWind Working Groups’ members only.

The afternoon, on the other hand, will be devoted to the first TPWind energy R&D conference, which will be open to the public for free. The event will focus on grid integration and will represent an opportunity to explore and discuss relevant R&D issues that wind energy players share with other sectors / stakeholders (e.g. oil & gas and grids).

To attend this event, registration is compulsory and can be done on the following webpage, where the agenda is also available: <http://www.ewea.org/index.php?id=2123>.

Due to limitations in the number of available seats, only up to 100 people will be able to register. For this reason, we invite interested parties to register only if they intend to participate in the event.

TPWind members do not have to register: their participation to the event is already accounted for.

#### **OffshoreGrid Final Workshop**

*5 October 2011 – Brussels, Belgium*

The IEE-funded OffshoreGrid project provides policy recommendations for the process towards an offshore electricity grid in Northern Europe, including cost-benefit analyses. These results have been qualitatively transferred to the Mediterranean Region. For more information on the project, please visit [www.offshoregrid.eu](http://www.offshoregrid.eu).

In this Final Workshop, the OffshoreGrid consortium will launch the project’s Final Publication that summarises the full results of the study. The Final Workshop will take place on 5 October 2011, and attendance is free of charge. Please note that this workshop takes place back-to-back with the TPWind Energy Event, in the same location.

Please register online for the OffshoreGrid Final Workshop at <http://www.ewea.org/index.php?id=2110>, or contact [sharon.wokke@ewea.org](mailto:sharon.wokke@ewea.org) should you wish for more information.

#### **EREC EU budget conference**

*19 October 2011 – Brussels, Belgium*

The European Renewable Energy Council (EREC) will hold a conference on “The role of the EU Budget in achieving the 2020 energy and climate targets”.

This conference will take place in the European Parliament on 19<sup>th</sup> October 2011 from 2 to 5pm (PHS Building-P3C050). It will address the financing of renewable energy research and energy infrastructures in the next programming period (2014-2020).

The event is kindly hosted by Ms Maria Da Graça Carvalho, Member of the European Parliament. Please find the draft programme by clicking on this [link](#).

Please register [here](#) **before 10<sup>th</sup> October**.

In case of have any question, please contact Ms Flühr at EREC (+32 2 546 1933).

**November / December 2011**

**EWEA Policy Workshop: "Wind Energy in Bulgaria: from impasse to opportunity"**

*3 November 2011 - Sofia, Bulgaria*

Organised by EWEA, with the support of the Association of Producers of Ecological Energy (APEE) and the Bulgarian Wind Energy Association (BGWEA), this is the official event on the wind industry in Bulgaria. Senior wind industry representatives will be joined by policy makers, grid operators and financiers to discuss issues that will affect the future of wind energy in Bulgaria.

Full details: <http://www.ewea.org/index.php?id=2125>

**EWEA OFFSHORE 2011: The world's largest offshore wind energy conference and exhibition**

*29 November – 1 December 2011 - Amsterdam, The Netherlands*

Almost 700 experts from the offshore wind industry and associated sectors have already registered to attend the conference at EWEA OFFSHORE 2011.

In these few days you may learn more than in any other week of the year. The many learning opportunities on offer include:

- **Hardware:** Design, data verification and risks associated with different support structure types. Building lighter, more cost effective big turbines: new solutions and all the latest models.
- **Logistics:** Health and safety lessons, new guidelines and how to optimise resources and O&M strategies in order to meet the supply chain demands of this growing industry.
- **Cross-sector experience:** Learning from real life data across the whole sector: how to bring down costs and reduce the technical risks of offshore wind energy.
- **Doing business:** Risk and reward: where and how to invest in European markets, including a spotlight on the French call for tender; evaluating and managing financial risk.
- **Grids:** New interconnections across Europe, integrating with oil and gas grid infrastructure and ENTSO-E's network code requirements.
- **Measuring the resource:** The cutting-edge technologies used by experts to quantify and qualify the wind in complex sites and the latest findings on nacelle based LIDAR measurements.

The senior industry leaders will discuss on a panel debate about the technology choices for moving forward: direct drive vs. gearboxes, turbine weight, cost and maintenance:

- Andreas Nauen, CEO, REpower
- Henrik Stiesdal, CTO, Siemens Wind Power
- Mark Garnett, Director, Wind Power Group, Doosan Power Systems
- Eddie O'Connor, CEO, Mainstream Renewable Power
- Stefan Lammens, CTO, Hansen Transmissions
- Antonio de la Torre Quiralte, Product Development Director, Gamesa
- Finn Strøm Madsen, President, Vestas Technology R&D

Do you have newly hired or non-technical people in your team?

Make sure they attend the [pre-event seminar 'Wind Energy – The facts , Offshore'](#), taking place on Monday 28th November.

Full information and registration: [www.ewea.org/offshore2011](http://www.ewea.org/offshore2011)

**April 2012**

**EWEA 2012 Annual Event: Europe's premier wind energy event**

*16 – 19 April 2012 - Copenhagen, Denmark*

### [Call for innovative abstracts is now open!](#)

EWEA 2012 in Copenhagen will focus on innovating - and re-inventing - the major driver of the industry. By bringing together the best minds with policies, technology, financing and science – and by showcasing fresh, cutting-edge ideas across six key tracks.

1. Policies, markets & programmes, chaired by Jan Hylleberg, DWIA
2. Hardware technology, chaired by Henning Kruse, TP Wind
3. Resource assessment, chaired by Jos Beurskens, ECN Wind Energy
4. Grids & infrastructure, chaired by Frans van Hulle, EWEA
5. Financing , chaired by Michael Liebreich, Bloomberg New Energy Finance
6. Science & research, chaired by Peter Tavner, EAWE

The call for presentations will be divided along these thematic lines, and only submissions which highlight genuinely new developments and innovative approaches will be selected for the conference.

The key dates relating to the programme set up are as follows:

- Programme overview online: End October 2011
- **Abstract submission deadlines: 22 November 2011**
- Full programme online and abstract authors notified: End January 2012

### **Full information on abstracts submission guidelines and deadlines**

The **exhibition continues to grow with already 75% sold out** to exhibiting companies representing the full spectrum of the supply chain. [See who is already on the exhibition floor](#) and discover more about all innovations planned for EWEA 2012: [www.ewea.org/annual2012](http://www.ewea.org/annual2012).

[Back to top](#)



All EWEA events are organised by the Industry for the Industry and represent real value for money:  
EVERY EURO SPENT ON THESE EVENTS IS PUT TO WORK PROMOTING WIND ENERGY.