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To: Sharon Wokke
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TPWind News



June 2014

Monthly TPWind Newsletter

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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 2 213 18 56).

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

Section 1 - Funding opportunities

On 11 December 2013 the European Commission launched the first calls for projects under Horizon 2020, the EU's biggest ever research and innovation framework programme with a seven year budget worth nearly €80 . The programme allocates more than €15 billion for the first two years.

Most EU research funding is allocated on the basis of competitive calls, but the budget for Horizon includes funding for the Joint Research Centre, the European Commission's in-house science service; the European Institute for Innovation and Technology and research carried out within the framework of the Euratom Treaty. Separate calls will also be published under specific partnerships with industry and Member States.

Secure, clean and efficient energy is one of the seven themes identified in the Societal Challenges section of the Horizon 2020 programme. The funding opportunities under Horizon 2020 are set out in bi-annual work programmes published on the EU's digital portal for research funding.

Energy calls are identified in the Energy 2014-2015 Work Programme:

http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/main/h2020-wp1415-energy_en.pdf .

NER 300 - Funding innovative low-carbon technologies - workshop

26th June 2014, From 16:45 to 18:30, Charlemagne building, Brussels

The NER 300 programme is a funding programme supporting the deployment of innovative low-carbon technologies. It covers pre-commercial projects of both renewable energy (RES) and carbon capture and storage (CCS). It is called NER 300 because the funding is raised from the monetisation of 300 million allowances from the New Entrant Reserve (NER) of the EU Emissions Trading System (ETS).

The NER 300 programme is an essential instrument in the EU climate and energy policy because:

- It bridges the gap between R&D and commercialisation by funding first-of-a-kind projects
- It provides 2.1 billion euros to fight climate change now
- It reinforces the EU's competitiveness by supporting low-carbon technologies, in which the EU enjoys global technological leadership
- It increases the EU's security of supply by focusing on indigenous sources of energy

Agenda and link to registration (compulsory to attend the event) are available [here](#).

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Section 2 - Secretariat news

TPWind Working Groups selection

The Working Group selection has been completed. The Secretariat informed all applicants of the selection results.

The final list of members is available on the [TPWind website](#).

The activities of the Platform are subject to funding from the European Commission, for which the Secretariat has applied. As soon as a final decision is made, the members of the Platform will be informed of the next round of activities.

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Section 3 - Members' news

Market4RES project to guide electricity market design post 2020

A new EU-funded project – Market4RES - will explore how the so-called Target Model for electricity trading should evolve post-2020. It will look at the suitability of existing market instruments in boosting the investments required to decarbonise the electricity sector in a cost-effective way, while ensuring system adequacy and security of supply.

The project will come up with proposals for the adaptation of market mechanisms and provide guidance for a more efficient integration of renewable electricity in an integrated European electricity system, in line with the 2020 objectives and proposed climate and energy targets for 2030.

EWEA is a partner in this project, which is coordinated by SINTEF Energy Norway. Market4RES will run for 30 months and is funded by the EU's Intelligent Energy Europe programme. Interim results are expected at the end of this year; final results and recommendations will be published in September 2016.

WISE Power project will increase social acceptance of wind energy

The WISE Power project is co-funded by the Intelligent Energy Europe Programme of the European Union and has officially started the 1st of May 2014. As stated in the Grant Agreement nr. IEE/13/528/SI2.674872 signed with the European Commission, it will last until October 2016.

The WISE Power project is about social acceptance of wind energy; it will enhance local awareness and participation in the planning and implementation of wind power projects whilst reducing social resistance that often results in practical obstacles to the deployment of wind energy projects. WISE Power also has a strong focus on alternative financing –such as community and cooperative funding of wind farms- and will investigate the potential of innovative models of financing wind farm projects.

EWEA is coordinating the project, together with other 13 partners.

EERA-DTOC project aims to optimise offshore wind

Optimising wind turbines in the middle of large offshore wind farms is one of the most challenging tasks a wind farm developer can face. And now a new software tool – the Design Tool for Offshore Wind Farm Cluster (DTOC) - set to be presented at a workshop in Amsterdam in September, aims to address this challenge.

In large offshore wind farms, like the German Bight and Dogger Bank, the regional wind climate is influenced by the large number of turbines - wake effects in big arrays are much more pronounced than those in onshore installations.

DTOC, produced by an EU funded R&D project led by the European Energy Research Alliance (EERA), brings together meteorological, wind farm effect and economic models from researchers and experienced industry partners. DTOC allows wind farm developers to comprehensively model the large scale effects of large wind farms in order to optimise the wind farm's layout.

DTOC can also help strategic planners in defining areas for new offshore clusters, optimise onshore grid connections, and help simulate ancillary services like power balancing and voltage support from offshore wind farms.

EWEA is coordinating the communication and publishing of results on this project. If you would like to attend the September workshop please contact Diletta Zeni on Diletta.Zeni@ewea.org.

Find out more: <http://www.eera-dtoc.eu>

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 25 April at the latest (manuela.conconi@ewea.org ; +32 2 213 18 56).

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 - Policy News

On the 8th May the European Commission has published a Communication on “Innovation in the Blue Economy: realising the potential of our seas and oceans for jobs and growth” (COM(2014)254). To address the knowledge and funding gap in the innovation in seas and oceans the Commission has proposed:

- To establish a sustainable process ensuring that marine data is easily accessible, interoperable and free of restrictions to use and launching a multi-resolution map of the seabed of European waters before January 2020.
- The creation of an information platform on marine research across the whole Horizon 2020 programme including information on nationally funded marine research projects before the end of 2015.
- To establish a Blue Economy Business and Science Forum.
- The development of a marine Sector Skills Alliance – 2014-2016.

The communication is available at:

<http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=COM:2014:254:FIN&from=EN>

Section 5 - Events

Second Joint ClusterDesign / EERA-DTOC Workshop: Tuning Offshore Wind Performance

Wednesday 24 September 2014, Aristo Amsterdam, Teleportboulevard 100, Amsterdam

After the success of the first joint event that took place in London on 6th June 2013, EERA-DTOC and ClusterDesign projects will invite you again in Amsterdam on September 24th, 2014. Both projects are funded by the Seventh Framework Programme- FP7 of the European Union. Please visit their websites www.eera-dtoc.eu and www.cluster-design.eu for further information.

The event will feature presentations on the two projects' main findings. Amongst other topics, EERA-DTOC will introduce the scenarios studied and give a preview of the DTOC software and the new grid system method, while ClusterDesign will present the Wind Cluster Controller and ToolBox. More details about the event and registration will be soon available at www.eera-dtoc.eu/events.

REserviceS - Wind and solar PV can replace conventional technology in providing grid support

30 September 2014, Brussels (Belgium) - Final Event

REserviceS (Economic grid support from variable renewables) is the first study to investigate wind and solar based grid support services at EU level. It provides technical and economic guidelines and recommendations for the design of a European market for ancillary services, as well as for future network codes within the Third Liberalisation Package.

The final results and recommendations of REserviceS will be presented on 30 September 2014 in Brussels.

More information and intermediary results: www.reservices-project.eu.

Subsidies to the power sector: Europe's best kept secret? - Watch the video

April 29th, 2014, 4.00 p.m. - 6.00 p.m., EWEA, Rue d'Arlon 80, Brussels

In the context of the European Commission's upcoming study, due in June 2014, EWEA hosted a public debate on subsidies to the power sector with speakers from the OECD, the European Commission and representatives of the renewables and fossil fuel sectors. The panel discussion was followed by questions from the audience.

The full debate video can now be viewed on

<http://www.ewea.org/events/public-debates-and-seminars/live-streaming/>

Speakers:

- Ronald Steenblik, senior trade policy analyst, OECD
- Tom Howes, deputy head of unit A4, Economic analysis and financial instruments, DG Energy, European Commission
- Beate Raabe, secretary-general, Eurogas