

TPWind – EERA relationships

Introduction on EERA

- ❑ The European Energy Research Alliance (EERA) is an alliance of research Institutes, originally founded by 10 partners, to develop common research agendas, encourage joint programming, enable cooperation among researchers and share R&D facilities
- ❑ In order to improve coordination and cooperation in the area of wind power, EERA launched a Joint Programme on wind energy, which will be implemented by relevant R&D Institutes, primarily through a coordinated use of internal resources, but also through European and nationally funded projects
- ❑ The EERA JP on wind energy is rooted in the TPWind SRA/MDS and has been set-up to support and speed up the achievement of SET-Plan goals by focusing on medium to long-term research, thus supplementing the industry driven EWI (the two Programmes are complementary)
- ❑ Since May 2011, EERA is officially involved in the implementation of the EWI, having being included in the Wind EII Team

The TPWind – EERA MoU

- ❑ In order to avoid misunderstandings or duplications of efforts in the implementation of the EWI and EERA's JP on wind energy, TPWind and EERA signed a MoU in August 2012 specifying that:
 - TPWind will remain the point of entry and contact point for EU Institutions and Member States in terms of implementation of the EWI.
 - TPWind will maintain sole responsibility for the development of any EWI-related document (e.g. Implementation Plans, annual Work Programmes, FP7 / IEE topics or priorities, updates of the EWI, key performance indicators and so on).
 - TPWind will however involve EERA in the development of annual EWI Work Programmes. To this purpose, TPWind will collect input from EERA when preparing the first draft of every annual Work Programme and, to the possible extent, will agree on a common position before presenting it to the Wind EII Team
- ❑ The MoU was submitted to the EC on 30/08/2012 and included in EWI 2013 – 2015 Implementation Plan

TPWind – EERA cooperation

- ❑ In order to fully implement the MoU, TPCWind should now identify two official representatives for the **EERA's Advisory Board**: at least one of them should come from the wind energy industry
- ❑ The only candidate known to the Secretariat is Mr. Mauro Villanueva (Gamesa), who will introduce himself. The SC should then identify its two representatives
- ❑ Also, EERA asked TPCWind to cooperate on the **ESFRI** (EU Strategy Forum on Research Infrastructures) **WindScanner Preparatory Phase project**. EERA needs one or two industry representatives to join the project's Advisory Board
- ❑ WindScanner is meant to assist wind energy players with accessible wind speed measurement devices based on remote sensing technique embedded in LIDARS. Mounted in the turbines nacelle or hub, they will measure the wind speed immediately in front of the turbine and detect approaching wind gusts and negative strong wind shears before they reach the rotor plane
- ❑ EERA is therefore looking for experts interested in wind resources, flows in wind farms and advanced control
- ❑ The only candidate known to the Secretariat is Mr. Mike Anderson (RES), who will introduce himself. The SC should then identify its two representative(s)

Thank you for your attention!



<http://www.windplatform.eu/>

secretariat@windplatform.eu