

An update on TPWind: renewal of the Platform and future activities

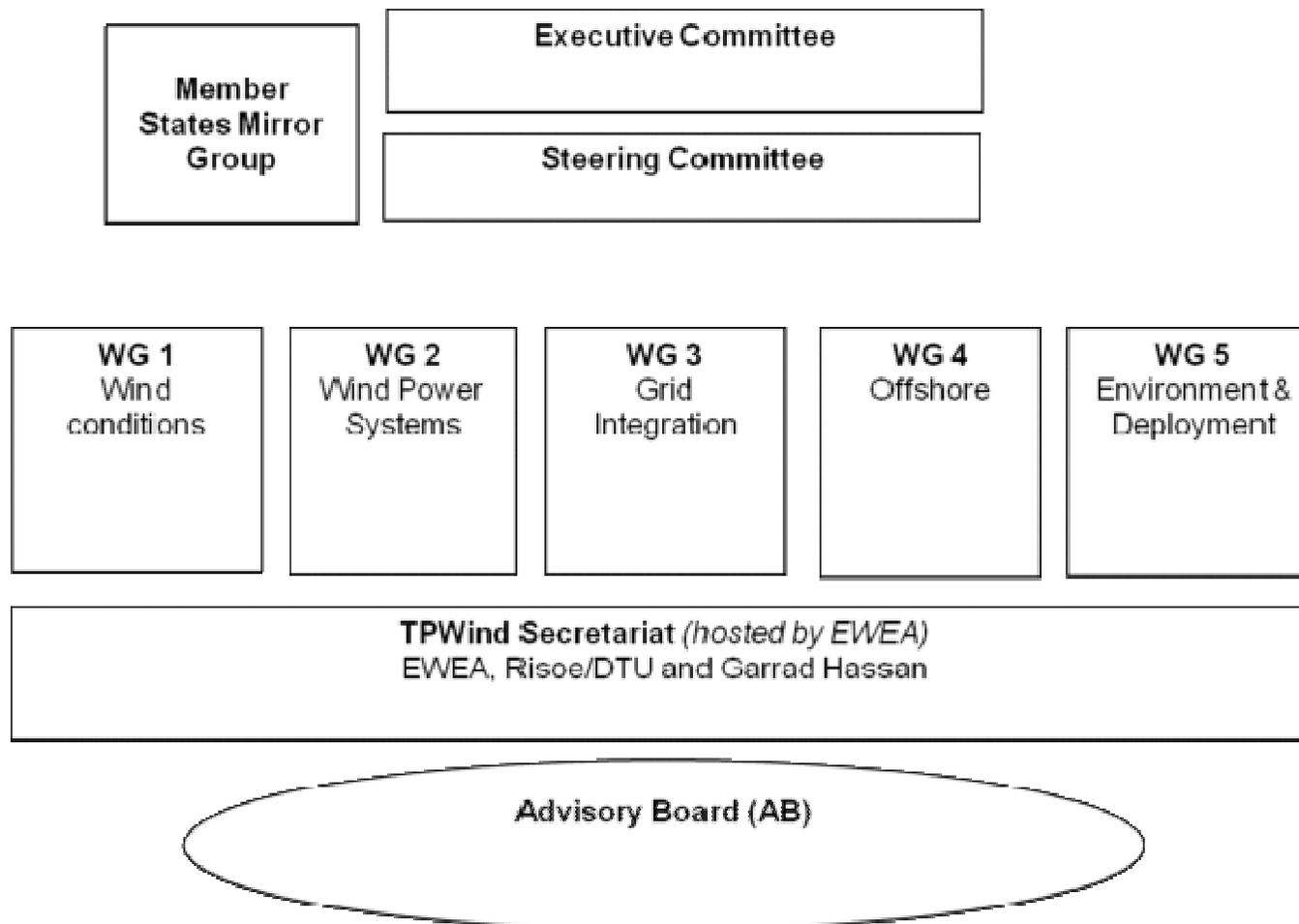
Introduction (I)

- ❑ TPWind (the European Wind Energy Technology Platform) was established in 2005 and officially launched in 2006, together with many other EU technology platforms (there are approximately 30 TPs currently operational in Europe)
- ❑ Since 2007, TPWind receives EU funding through the following projects:
 - Windsec (Wind energy technology platform Secretariat): it was funded through the 6th Framework Programme and covered the 2007 – 2010 period
 - TOP Wind (Technology platform Operational Programme Wind): it is funded through the 7th Framework Programme and will cover the February 2011 – January 2014 period
- ❑ Both projects are managed by EWEA (which hosts the TPWind Secretariat) in cooperation with Risoe/DTU and Garrad Hassan

Introduction (II)

- ❑ TPWind was initially created as a permanent network and forum for wind energy R&D experts
- ❑ With the development and launch of the European Wind Initiative (EWI) however, TPWind acquired also a new role, since it became an essential player in the EU energy policy framework
- ❑ Its impact and visibility have increased considerably since its launch
- ❑ TPWind selected its Working Groups members for the first time in 2007 through an ad-hoc call for expression of interest
- ❑ The membership base of the Platform was renewed in 2010 through a new call, in combination with the launch of the new TOP Wind project
- ❑ The establishment of the TPWind Advisory Board is part of the renewal process of the Platform
- ❑ The next step will be to renew the TPWind Steering Committee, which was established in 2006: this will take place before the end of 2011

TPWind structure



Changes to the TPWind structure (I)

- ExCo members were appointed by the SC in November 2010, for a period of 18 months. ExCo members are now the following:
 - Mr. H. Kruse, Siemens – TPWind Chair
 - Ms. A. Santamaria, Iberdrola – TPWind Vice-Chair
 - Mr. T. Chaviaropoulos, CRES – TPWind Vice-Chair
 - Mr. C. Nath, GL – TPWind ExCo Alternate member
 - Mr. P. Prats, Alstom – TPWind ExCo Alternate member
 - Mr. A. MacAskill, Seaenergy Renewables – TPWind ExCo Alternate member
- TPWind Working Group Chairs were appointed by the SC in November 2010, for a period of 18 months. They are now the following:
 - WG 1: Mr. E. L. Petersen, Risoe/DTU
 - WG 2: Mr. J. Beurskens, ECN
 - WG 3: Ms. H. Holttinen, VTT
 - WG 4: Mr. J. O. Tande, SINTEF
 - WG 5: Mr. C. Gasco, IEA

Changes to the TPWind structure (II)

- ❑ Policy Working Groups (“Wind Market & Economics” and “Policy & Environment”) were merged into a new WG, called “Environment & Deployment”. This strategy aims at refocusing the Platform on R&D and technology issues, which are the most relevant ones for the Platform
- ❑ The “Finance Working Group” (FWoG) was phased out. The changes in the external policy environment (especially with the launch of the EEPR and the EWI) made its primary goals (i.e. identifying potential sources of funding for wind energy operators and analyzing the possibility of launching a Wind Energy JTI) not relevant anymore.
- ❑ TPWind/EWEA will get in touch with financial experts, if needed and on a case-by-case basis, through their networks. Besides, WG 5 will focus also on the economic impact of R&D and innovation, so as to provide the Platform with all the instruments required to handle financial tasks and analyses

Changes to the TPWind structure (III)

- ❑ The total number of Platform members was be increased to approximately 175 (not including MSMG and AB members), i.e. roughly 30 members per Working Group plus 25 Steering Committee members (up from approximately 150)
- ❑ The membership base of the Platform was renewed through and ad-hoc “call for expression of interest”, published by the Secretariat in July (with deadline in October 2010). New Working Group members were selected by the SC
- ❑ The SC will be renewed in 2011 through a new “call for expression of interest”. Relevant rules will be discussed within the ExCo and SC
- ❑ MSMG members, on the other hand, did not change (unless required by Member States), since they were appointed by relevant national authorities
- ❑ Finally, an Advisory Board (AB) was established in December 2010 – January 2011. This new body is composed of external stakeholders (i.e. non-Platform members) who will help the Platform to increase its network and effectiveness by providing their advice and contacts. They will represent an essential and easily accessible link between the Platform and other relevant sectors and stakeholders

TPWind objectives

- The objectives of the Platform for the 2011 – 2014 period are the following:
 - Improve the internal communication and the external representation of the wind energy sector
 - Disseminate information on wind power R&D
 - Draft strategic plans for the development of wind energy in Europe (e.g. EWI documents and new SRA/MDS)
 - Contribute to the development and implementation of relevant EU energy policies
 - Provide members with a permanent forum focused on wind energy research

TPWind main deliverables so far

- The Platform's main deliverables so far are the following:
 - The “Strategic Research Agenda / Market Deployment Strategy” (SRA/MDS), published by TPWind in 2008, which outlines the R&D challenges faced by the European wind energy sector. This publication, available on the TPWind website, quickly became a reference text in the sector
 - The “European Wind Initiative” (EWI), published by the European Commission in 2009 in its Communication on “Investing in the Development of Low-Carbon Technologies” (COM(2009) 519)
- The EWI is an extremely important tool for the EU wind energy sector, which deserves to be presented in greater details (a longer presentation will be delivered by the EC in the course of this plenary session)

The EWI (I)

- ❑ The European Wind Initiative (EWI) is a long-term, large-scale Programme aiming at improving and increasing public funding for wind energy R&D
- ❑ The EWI is rooted in the EU Strategic Energy Technology Plan (SET-Plan) and has a € 6 bn budget (private and public resources) for the 2010 – 2020 period
- ❑ The SET-Plan was published by the European Commission in 2007: it is a blueprint for the development of low carbon technologies
- ❑ One of the goals of the SET-Plan was to launch European Industrial Initiatives (EIs), i.e. Programmes for fostering R&D in 8 sectors:

Wind	Bio-energy
Solar	Energy efficiency
Nuclear	Smart grids
CCS	Hydrogen and fuel cells

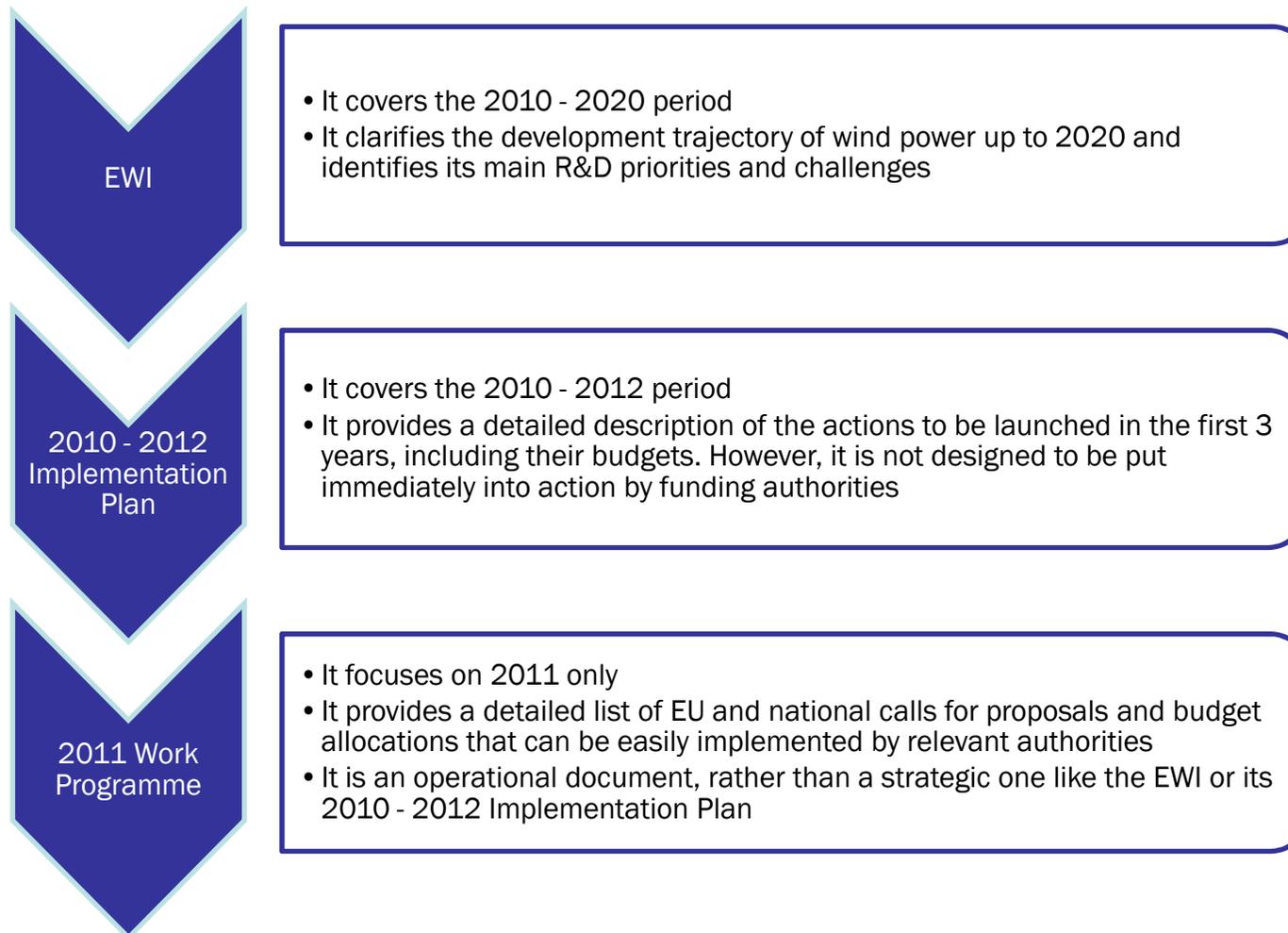
The EWI (II)

- ❑ TPWind received the mandate to develop the EWI, which was published in 2009 in the EC Communication on “Investing in the development of low carbon technologies”
- ❑ The EWI was one of the first EIs to be officially launched in June 2010 at the Madrid SET-Plan conference
- ❑ With the launch of the EWI, the EC published also its 2010 – 2012 Implementation Plan and established its implementing mechanism: the Wind EI Team
- ❑ The Wind EI Team is composed of EU, national and TPWind representatives: its goal is to implement the EWI by translating it into EU and national calls for proposals and budget allocations
- ❑ Funding indications developed by the Wind EI Team are included in annual EWI Work Programmes

The EWI (III)

- ❑ TPWind representatives in the Wind EII Team are Executive Committee members and selected Secretariat staff
- ❑ The Wind EII Team is supervised by the SET-Plan Steering Group, composed of high level EU and national representatives
- ❑ Last year the Wind EII Team developed the 2011 EWI Work Programme, which was finalized in October 2010
- ❑ TPWind is now focusing on:
 - The implementation of the 2011 EWI Work Programme
 - The development of the 2012 one
 - The development of the 2013 – 2015 EWI Implementation Plan (which will replace the current one, covering the 2010 – 2012 period – Implementation Plans are the starting point of yearly Work Programmes)

The different documents of the EWI



TPWind plans for the 2011 – 2013 period

- The main TPWind activities for the 2011 – 2013 period are the following:
 - In 2011:
 - Develop the 2013 – 2015 EWI Implementation Plan, which will replace the current one covering the 2010 – 2012 period
 - Renew the Steering Committee, which was established in 2006
 - In 2012:
 - Update the SRA/MDS in cooperation with the Advisory Board. The new version, which will include an annex on R&D issues shared by wind energy and other operators, will be published in 2013 at the latest;
 - In 2013:
 - Develop the 2016 – 2018 EWI Implementation Plan, on the basis of the new SRA/MDS
 - Prepare for the post-TOP Wind phase

Conclusions

- ❑ TPWind is now a well established and broadly recognized wind energy network, as well as an essential player in the EU energy policy framework
- ❑ Its inputs are essential for the implementation of the EWI, which will greatly contribute to the development of wind power and therefore to the achievement of the EU's 2020 targets: TPWind will therefore play a crucial role in the years to come
- ❑ The next and final step in the renewal of the Platform will be the update of its Steering Committee, which will take place over the summer of 2011 (an ad-hoc call for expression of interest will be published on the TPWind website)

Thank you for your attention!



European Wind Energy
Technology Platform

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