

Steering Committee Meeting n° 12

European Wind Energy Association, 80 Rue d'Arlon - 1040 Brussels.
3 October 2011

Minutes

Contents

1. Participants list.....	2
2. Agenda	4
3. Main decisions	5
3.1 Introduction.....	5
3.2 The new role of facilitators in TPWind WG meetings	5
3.3 TPWind relationships with EEA: the new Memorandum of Understanding	7
3.4 Renewal of the Steering Committee.....	8
3.5 The TPWind 1 st Energy R&D Event	9
3.6 The Implementation of the EWI: achievements and next steps.....	10
3.7 EU budget: financing wind energy	12
4. Meeting documents	13
5. Next meetings	13
Annex: List of abbreviations	14

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October 2011

1. Participants list

Steering Committee

Name	First Name	Company/Institute	Alternate
Beurskens	Jos	ECN	
Borri	Claudio	CRIACIV at Università di Firenze	Enzo Marino
Chaviaropoulos	Takis	CRES	
Furneaux	Ian	DECC	
Gertmar	Lars	ABB	
Hessel	Christoph	GE Wind	
Holtinen	Hannele	VTT Technical Research Centre of Finland	
Kariniotakis	George	Ecole des Mines de Paris	
Kruse	Henning	Siemens	
MacAskill	Allan	Seaenergy Renewables	
Nath	Christian	Germanischer Lloyd	
Petersen	Erik Lundtang	Risoe National Laboratory	
Prats	Josep	Ecotecnica	
Quarton	David	Garrad Hassan	
Santamaria	Angeles	Iberdrola	
Stroem Madsen	Finn	Vestas	Lise Backer
Tande	John Olav	SINTEF	
Thor	Sven-Erik	Vattenfall	

Steering Committee - not represented

Name	First Name	Company/Institute
Buddenberg	Joerg	EWE AG
Danoso	Jose	Gamesa
Flamang	Peter	Hansen Transmissions International
Gasco	Carlos	Iberdrola
Hohmeyer	Olav	Flensburg University
Nielsen	Frank	LM
O'Kane	Paddy	SSE Renewables
Skarzynski	Grzegorz	Polish Wind Energy Association
Zervós	Arthouros	NTUA

Secretariat

Name	First Name	Company/Institute
Gagliardi	Filippo	EWEA
Radvilaite	Vilma	EWEA
Conconi	Manuela	EWEA
Jensen	Peter Hjuler	Risoe/DTU

2. Agenda

Steering Committee Meeting n°12
European Wind Energy Association, Brussels
October 3rd, 2011 – 3:00 to 6:00 PM

Time	Monday October 3 rd , 2011
15:00	Introduction and welcome of participants (<i>Henning Kruse, TPWind Chairperson</i>)
15:10	The new role of facilitators in TPWind WG meetings (<i>Filippo Gagliardi, TPWind Secretariat</i>)
15:30	TPWind relationships with EERA: the new Memorandum of Understanding (<i>Filippo Gagliardi, TPWind Secretariat</i>)
15:50	The renewal of the Steering Committee (<i>Filippo Gagliardi, TPWind Secretariat</i>)
16:10	Coffee break
16:30	The TPWind 1 st Energy R&D Event: agenda and goals (<i>Filippo Gagliardi, TPWind Secretariat</i>)
17:00	The implementation of the EWI: achievements and next steps (<i>Filippo Gagliardi, TPWind Secretariat</i>)
17:20	EU budget: financing wind energy (<i>Vilma Radvilaite, TPWind Secretariat</i>)
17:45	Conclusions and next steps (<i>Henning Kruse, TPWind Chairperson</i>)
18:00	End of SC meeting
18:15	Briefing session with new WG facilitators (only for WG Chairs)
19:00	End of briefing session
19:30	Steering Committee dinner

3. Main decisions

3.1 Introduction

Mr. Henning Kruse, TPWind Chairperson, opened the meeting by welcoming participants and presenting the agenda. Since the meeting will be the last one with current SC members, he thanked all participants for their work over the past years and informed that the selection of the new members will take place in the upcoming weeks. He also informed participants that the main goals of the meeting were to discuss the relationship with EERA, the implementation of the EWI and the first Energy R&D event.

Mr. Kruse highlighted how the role of the Platform became much more prominent over the past two years. TPWind, which was created as a permanent network of wind energy R&D experts in 2005, is now a key player of the EU energy policy framework, especially because of its role in the development and implementation of the European Wind Initiative (EWI). For this reason, and because of the launch of the TOP Wind project, TPWind began a renewal process in 2010, which led to the selection of new Working Group members and to the enlargement of its membership base.

3.2 The new role of facilitators in TPWind WG meetings

Mr. Gagliardi presented the new role of facilitators in Working Groups meetings. The decision of adopting facilitators has been taken by the Executive Committee in order to better manage the working groups meetings. In particular, the increased dimensions of WGs require for considerable resources to be invested in their participation and management.

In order to smooth the management of WG meetings, the Executive Committee decided to deploy one facilitator in each WG. Facilitators are professionals with specific competencies in people-management and should enable groups to work more effectively. They are not going to replace WG Chairs and Secretaries: they will act as an extra tool in their hands in order to increase the effectiveness of meetings.

Facilitators will also help in the preparation of WG meetings, in order to ensure the full alignment of all people involved in their management (Chairs, Secretaries, Co-Chairs, Vice-Chairs and Facilitators).

MCI-Group (based in Brussels) is the supplier selected by the ExCo and the Secretariat to provide facilitators. It was selected on the basis of the high quality of its proposal, its competitive budget and its location in Brussels.

The other firms that were contacted are:

- BusinessLab, based in Bristol, UK
- Clarity Space, based in London, UK

The TPWind meeting on 4 October will be the first one with facilitators and therefore an important test. Within their tasks, facilitators should:

- Set up processes ensuring an effective management of the meetings
- Keep working groups members engaged, active and aligned towards their objectives
- Free Chairs and Secretaries from people-management duties
- Help Chairs and Secretaries to follow-up on meetings by recapping the main conclusions and providing debriefing reports

In order to cover the costs of the facilitators (who were not foreseen in the budget of the TOPWIND project) the Secretariat is advertising now sponsorship opportunities for TPWind members. The EC agreed and approved this strategy on 13 September.

Every organization involved in TPWind is entitled to become a sponsor. The Secretariat identified 3 sponsorship opportunities:

- **Platinum contract** (€ 20 000) – *possibility of delivering a 10 minutes speech at TPWind network cocktail (at TPWind General Assemblies and Energy events) + possibility of displaying publications and banners at TPWind Energy event and General Assembly on a dedicated stand + sponsor’s logo and hyperlink on TPWind website and newsletters*
- **Gold contract** (€ 15 000) – *possibility of displaying publications at TPWind Energy event and General Assembly + sponsor’s logo and hyperlink on TPWind website and newsletters*
- **Silver contract** (€ 10 000) – *sponsor’s logo and hyperlink on TPWind website and newsletters*

Sponsorship contracts will be signed with EWEA, since TPWind is not a legal entity.

Also, contracts will be effective from the moment of the signature till the end of the TOPWIND project (31/01/2014). Since sponsors will be used only to cover the facilitators’ costs (€ 80k for the whole 2011 – 2014 period), and not to generate income, as soon as the required budget will be reached sponsorship contracts won’t be advertised anymore.

SC members pointed out some issues on the need and opportunity of having the facilitators in the meeting of 4 October. In particular, some of the members had doubts on the added value of facilitators at this stage, considering that WGs already started working without them. Also, WG 2 decided not to have facilitators during its meeting on 4 October, because of its tight agenda, which doesn’t leave much space for testing new methodologies.

In response to these comments, Mr. Gagliardi stressed the fact that ideally facilitators should have started in the first meeting of March 2011. However, the decision of introducing them has been taken only later and as a consequence of the feedbacks received after the March 2011 meetings.

For this reason, the meeting of 4 October should be considered a test. Also, a briefing session for Chairs, Secretaries and Facilitators was organized after the SC meeting (and on top of the previous preparatory conference calls).

Mr. Gagliardi and Mr. Kruse underlined the fact that the facilitators are totally aware of their role and are there to help Chairs and Secretaries with the management of the meetings. In case they won’t bring any added value, the Platform is not obliged to rely on them in the future, which is why feedbacks on the performances will be actively collected and evaluated.

3.3 TPWind relationships with EEA: the new Memorandum of Understanding

Mr. Gagliardi presented the Memorandum of Understanding (MoU) that should be signed by TPWind and the European Energy Research Alliance (EERA) – a network of prominent EU R&D institutes aiming at developing common research agendas, encouraging joint programming and enabling cooperation among researchers.

The MoU aims at describing their synergies and possibilities of cooperation, as well as their roles in the implementation of both the EWI and the EERA's Joint Programme (JP) on wind energy. Streamlining management procedures and avoiding overlaps of competencies is crucial for the ultimate success of these two SET-Plan research Programmes.

The first part of the MoU identifies and clarifies TPWind-EERA synergies at different level:

- Synergies at operational level
- Synergies at governance level
- Synergies at programme level

The second part of the document defines the roles of TPWind and EERA in the implementation of the EWI and the EERA's JP on wind energy.

First of all, reciprocity should be ensured, since EERA is already represented in TPWind and the EWI (with seats in both the Platform's Advisory Board and in the Wind European Industrial Initiative Team), but not the other way around.

In order to achieve this objective, TPWind should:

- Appoint one or two Platform representatives to EERA's PMB Advisory Committee (the equivalent of the TPWind Advisory Board)
- Appoint one or two Platform representatives to EERA's Steering Committee (the equivalent of the Wind EII Team)

In terms of implementation of the EWI, the MoU states that:

- TPWind will remain the one and only contact point for EU Institutions and Member States in terms of implementation of the EWI
- TPWind will also maintain sole responsibility for the development of any EWI-related document (EERA will be involved in the development of the annual EWI Work Programme and, to the possible extent, TPWind and EERA will define a common position before presenting any document to the Wind EII team)
- TPWind will remain the sole representative of the EU wind energy sector in the Wind EII Team (EERA could intervene whenever its know-how will be requested)

The MoU was developed on the basis of TPWind-EERA meetings held in 2010 and 2011, it was approved by the ExCo and submitted to the SC for a further review on 8 September.

SC members pointed out that:

- Whenever possible, TPWind and EERA should cooperate in order to avoid sending different messages to the European Commission. However, a full agreement on every

issue won't be necessary, since TPWind will remain in charge of implementing the EWI, while EERA will keep leading its JP on wind energy

- Since EERA is the voice of the R&D community and TPWind is more industry-drive, their timelines and priorities might be different. However, this should not generate major conflicts, since TPWind and EERA often work towards the same objectives, although with different time horizons (TPWind focuses more on short to medium-term issues with an impact on the cost of energy; EERA looks more at long-term R&D issues)
- Mr Gagliardi underlined that the MoU is to be intended as a document clarifying the positions and roles of TPWind and EERA vis-à-vis the European Commission and Member States. Also, the MoU will remain a reference document in the futures, when the management of both TPWind and EERA might change

As a conclusion of the discussion, Mr. Kruse stated that the Secretariat will submit the MoU to the ExCo once again for a final review.

Following this step, the MoU will be sent to EERA for discussion. Once the document will be signed by both parties (Mr. Kruse for TPWind and Mr. Madsen for EERA), it will be submitted to the European Commission (ideally before the end of 2011).

3.4 Renewal of the Steering Committee

Mr. Gagliardi provided an update on the renewal of the Steering Committee.

The Secretariat published a call for expression of interest on 18 July 2011. The call closed on 30 September and the Secretariat received 24 applications, which will be reviewed in the upcoming weeks by an ad-hoc "Selection Committee" which is composed of:

- ExCo members, (6 people)
- WG Chairs (5 people)
- TOP Wind partners (one representative per partner: 1 from EWEA, 1 from GL Garrad Hassan and 1 from Risoe/DTU)

Moreover, the European Commission asked to be informed of the selection procedure and will send non-binding inputs.

In order to maximize the effectiveness of the decision-making process, the new SC will be composed of 25 people.

Not all members of the Steering Committee will be changed; this will guarantee continuity in the work of the Platform:

- ExCo members and WG Chairs (i.e. 11 people) will be automatically reappointed (their term will expire in May 2012)
- The MSMG Chair will be automatically reappointed (in accordance with the MSMG and TPWind Terms of Reference)

Therefore, 13 positions need to be filled-in.

The final list will be defined and circulated by the Secretariat to all stakeholders by the end of the year.

The new Steering Committee will be in charge of managing the platform as from 1/01/2012 and will remain in charge for a period of three years. Therefore, the next Steering Committee meeting will be the first one with the new composition.

In May 2012, the mandate of ExCo members and WG Chairs will expire and new elections will have to be held within the SC. In terms of their timing, two possibilities were taken into consideration:

- Holding the elections at the next Steering Committee meeting in March 2012 (the first one of the new SC)
- Holding the elections at the following SC meeting, in October of November 2012

After the discussion, Mr. Gagliardi stated that this issue will be re-discussed by the new SC once it will be appointed. However, in principle the elections of WGs chairs and ExCo members should take place in October 2012, to give to the new SC the possibility to meet the members and get involved in the Platform's work.

3.5 The TPWind 1st Energy R&D Event

Mr. Gagliardi highlighted the main aspects of the first TPWind Energy R&D event, which will take place on 4 October 2011 at the Management Centre Europe in Brussels. The event is public, free of charges for participants and aimed at increasing the visibility of the Platform.

The event was organized with the support of the TPWind Advisory Board in order to address cross-sectoral R&D issues, affecting several types of players.

This year's Event will focus on grid integration, hence targeting wind, oil & gas and grid players, as well as policy-makers.

The main focus of future events will be decided together with the Advisory Board in the first months of 2012. Few suggestions include:

- Offshore – to involve the shipping industry and the oil & gas sector
- Funding wind power – to involve the banking sector

The first TPWind Energy R&D event will be preceded, in the morning, by WG meetings.

All relevant supporting documents were developed by the Secretariat and distributed to all WG members. As discussed, facilitators will be deployed in WG meetings for the first time. Chairs and Secretaries were therefore asked to monitor their performance and to report back to the Secretariat and the ExCo, which can take corrective actions if needed.

WGs should focus on the development of the EWI 2013 – 2015 Implementation Plan, a document of strategic importance since it is the starting point for translating the EWI into funding recommendations, in the framework of the Wind EII team.

The EWI 2013 – 2015 Implementation Plan, which will replace the current one focusing on 2010 – 2012, needs to be finalised by the end of 2011 (although the first months of 2012 can also be dedicated to its development if needed).

Before working on its section of the EWI 2013-2015 implementation Plan, Working Group 3 needs to re-write the EWI grid Integration strands, in order to avoid overlaps with the European Electricity Grid Initiative (EEGI).

To this purpose, a short EWI – EEGI meeting will take place on 5 October, so as to touch base and discuss relevant developments after the TPWind event. A more official meeting will be held once the new EWI grid integration strand will be ready (in early 2012).

Ms. Holttinen, WG 3 Chair, also indicated that some issues overlap with the work of other Working Groups and asked for budget shifts to cover these activities:

- Grid connection/Grid power plants: overlapping with WG4 activities (Offshore)
- Wind turbine capabilities/Ancillary services: overlapping with Working Group 2 activities (Wind power systems)

The possibility of redistributing the budget will be re-discussed by relevant WG Chairs after the meeting on 4 October.

Finally, WG 1 (Wind conditions) will also have an extra task on 4 October, on top of developing its section of the EWI 2013 – 2015 Implementation Plan. WG 1 will indeed discuss the dossier on the new EU Wind Atlas developed by the Secretariat.

This document will be submitted to the EC in order to support the launch of the ERANET+ topic that should provide joint EU and national funding to this project in 2012.

3.6 The Implementation of the EWI: achievements and next steps

Mr. Gagliardi presented the current EWI state-of-play.

The EWI 2011 Work Programme was finalized in October 2010. Following that, TPWind developed relevant FP7 topics, which were submitted to the EC in December 2010. The topics included:

- New materials for large scale wind turbines (10 – 20 MW)
- Reliability of large scale wind turbines
- EU testing approaches and risks posed by upscaling
- Development of offshore standards
- Grid connection of offshore wind farms
- HVDC grids and compatibility of grid components (this topic would also contribute to the implementation of the European Electricity Grid Initiative - EEGI)
- Identification of sites and measurement techniques (which is now part of the new EU wind atlas ERANET+ topic)

Two out of the seven suggested topics were published in the FP7 Energy call launched in July 2011:

- New materials for large scale wind turbines (10 – 20 MW)
- Reliability of large scale wind turbines

Moreover, the EWI 2011 Work Programme recommended the inclusion of two priorities in the 2011 IEE call:

- Integration of EU spatial planning projects to develop EU standards for both onshore and offshore
- Societal and economic value of wind power

One of them was partially taken up in the IEE call published in January 2011:

- Social acceptance, but without the economic component

Horizon 2020, the new funding programme that will replace the FP7 as from 2014, should have more funds for wind. This will facilitate the implementation of the EWI and R&D topics that didn't receive funding up to now will therefore be kept for future EWI Work Programme.

The Wind EII team is currently working on the publication, in 2012, of an FP7 ERANET+ topic to fund the development of a new EU Wind Atlas. The topic should be funded at both national and European level and likely to receive considerable combined funding (~ € 10 - 15 m). The new EU Wind Atlas was discussed throughout 2011 at three different Wind EII Team meetings.

The publication of the ERANET+ topic should be secured towards the end of 2011 / beginning of 2012. The Secretariat will keep the Steering Committee informed on this development.

Also, TPWind and the EU Joint Research Centre (JRC) worked on the definition of EWI's overarching KPIs, which are based on the EWEA's economic tools on the levelised cost of energy (<http://www.ewea.org/index.php?id=201>). These KPIs should be formally approved by the Wind EII Team and the SET-Plan Steering Group before the end of 2011.

Finally, TPWind is finalising the EWI 2012 Work Programme, together with the other members of the Wind EII Team. The Work Programme is based on the 2010-2012 Implementation Plan and includes funding indications for both EU and national authorities (like the 2011 one).

Once the new Work programme will be approved by the Wind EII Team and the SET-Plan Steering Group (before the end of 2011), TPWind will work on its implementation together with EU institutions and Member states.

In order to reach this goal, TPWind will define and submit relevant FP7 topics to the EC in December, in order to help the Commission to translate the EWI into practice. According to the current version of the EWI 2012 Work Programme, eight FP7 topics will be recommended for funding in 2012:

- Advanced aerodynamic modelling, design and testing, (including flow devices for distributed aerodynamic control of very large rotor blades and aero-tools for turbines on floating structures)
- Optimisation of wind turbines to complex terrains and extreme climates
- Innovative and dedicated offshore wind turbines, with ad-hoc designs and solutions
- Standardisation of offshore practices
- Grid connection of offshore wind farms
- DC power collection
- HVDC grids and compatibility of components
- New EU Wind Atlas – ERANET+

Mr. Gagliardi will keep the Steering Committee updated on the selection of topics.

3.7 EU budget: financing wind energy

Ms. Radvilaite, Policy adviser for EU budget at EWEA, presented the state-of-play in terms of EU funding of wind energy R&D.

The starting point for any work on wind energy R&D funding is the European Wind Initiative, which has an overall budget of € 6bn for the 2010 - 2020 period, as shown below:

- € 3.12bn should be provided by the wind energy industry (52%)
- € 1.02bn should be provided by national authorities
- € 1.86bn should come from EU Institutions

Relevant EU schemes are:

- The 7th Framework Programme (FP7) and Intelligent Energy Europe (IEE), which will be replaced by Horizon 2020 as from 2014
- The European Energy Programme for Recovery (EEPR)
- Structural and Cohesion funds
- The European Investment Bank

Concerning the FP7, which covers the 2007 – 2013 period, its total budget (see Decision No 1982/2006/EC) is € 50,5bn. Energy research has a relatively small budget, with an overall allocation of € 2.35bn (for all technologies).

So far, € 85m have been allocated to wind energy R&D projects through the FP7. On top of this, € 565m have been allocated through the EEPR in 2009.

Also, within the cohesion policy (structural funds, i.e. EU resources spent and managed at national level), the total budget for energy for the 2007 – 2013 period is € 11bn, of which € 787m were allocated to wind energy.

Unfortunately, many Member States allocated funds for wind energy but didn't spend all the money, i.e.:

- Italy, allocated € 75.4m and spent € 11.5m (15%)
- Germany, allocated € 25.6m and spent € 7.8m (31%)
- France, allocated € 37m and spent € 1m (3%)
- Netherlands, allocated € 5m and spent € 1m (15%)
- Sweden, allocated € 12.3m and spent € 0.7m (6%)
- Malta, allocated € 8m and spent € 0.5m (6%)
- The total amount allocated to wind in Poland, Greece, Czech Republic and Romania (i.e. € 435m): none of this money was spent.

Finally, the European Investment Bank (EIB) has a number of instruments that could finance wind energy activities, in particular:

- Risk Sharing Finance Facility (RSFF) – soft loans for R&D projects,
- Marguerite Fund - equity investments in renewable energy and grid projects,

- European Local Energy Assistance facility (ELENA),
- Kolzoduy International Decommissioning Support Fund - Energy Efficiency Facility (for wind energy projects in Bulgaria);
- Global Energy Efficiency and Renewable Energy Fund

EIB loans for wind energy activities in 2005-2010 account for € 6bn, including:

- € 3.6bn for onshore wind projects (45% in Spain and Portugal, 26% in the UK and the rest mostly in Ireland, Romania, Poland and Cyprus)
- € 2.5bn for offshore wind projects (50% in the UK, 30% in Belgium, and the rest mostly in Germany and Denmark)

As for the next EU budget, covering the 2014 - 2020 period, the Multiannual Financial Framework (MFF) proposal includes € 1.025bn inside the MFF and € 53,316bn outside the MFF (including funds for ITER, Solidarity Fund, European Development Fund and so on) which will result in a 10% increase over the current budget.

The key developments for wind are the following:

- Approximately 40% increase of funds for R&D (within Horizon 2020)
- Proposed doubling of funds for renewable energy and energy efficiency under the Cohesion funds
- Increase of energy infrastructure budget from € 163m to € 9.1bn (under the new proposed “Connecting Europe Facility”).

4. Meeting documents

The proceedings of this SC meeting are available online at the following address: <http://www.windplatform.eu/9.0.html>.

On demand, the Secretariat can provide PowerPoint presentations.

5. Next meetings

The next Steering Committee will take place in March 2012, in combination with the 9th General Assembly (which will also feature a new round of Working Group meetings).

Annex: List of abbreviations

AB = Advisory Board

EC = European Commission

EEGI = European Electricity Grid Initiative

EWI = European Wind Initiative

ExCo = Executive Committee

FP6 = 6th Framework Programme for Research and Development

FP7 = 7th Framework Programme for Research and Development

GA = General Assembly

MS = Member State

MSMG = Member States Mirror Group

NER = New Entrants Reserve

SC = Steering Committee

WG = Working Group