

## Steering Committee Meeting n° 8

Renewable Energy House, 63-65 rue d'Arlon 1000 Brussels.  
9 November 2009 – 3 to 6.30 PM

### *Minutes*

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**Developed by TPWind Secretariat**

November 2009

## 1. Participants list

### Steering Committee

Name	First Name	Company/Institute	Alternate
Beurskens	Jos	ECN	
Buddenberg	Joerg	EWE AG	
Chaviaropoulos	Takis	CRES	
Flamang	Peter	Hansen Transmissions International	Stefan Lammens
Gertmar	Lars	ABB	
Hessel	Christoph	GE Wind	Jaco Nies
Kariniotakis	George	Ecole des Mines de Paris	
Kruse	Henning	Siemens	
Nath	Christian	Germanischer Lloyd	
Nielsen	Frank	LM	
Petersen	Erik Lundtang	Risoe National Laboratory	
O'Kane	Paddy	Airtricity	
Prats	Josep	Ecotecnia	
Quarton	David	Garrad Hassan	Daniel Argyropoulos
Stroem Madsen	Finn	Vestas	Lise Backer
Widstrand	Susanna	Swedish Energy Agency	

### Steering Committee - not represented

Name	First Name	Company/Institute
Borri	Claudio	CRIACIV at Università di Firenze
Gasco	Carlos	Iberdrola
Hohmeyer	Olav	Flensburg University
Holttinen	Hannele	VTT
MacAskill	Allan	Sea Energy Renewables
Santamaria	Angeles	Iberdrola
Skarzynski	Grzegorz	Polish Wind Energy Association
Thor	Sven-Erik	Vattenfall
Villanueva-Monzon	Mauro	Gamesa
Zervós	Arthouros	NTUA

### Secretariat

Name	First Name	Company/Institute
Hjuler	Peter	Risoe
Fichaux	Nicolas	EWEA
Gagliardi	Filippo	EWEA
Wokke	Sharon	EWEA

## 2. Agenda

Time	Monday 9 November 2009
15:00	Introduction and welcome of participants ( <i>Henning Kruse, TPWind Chairperson</i> )
15:10	Update on MSMG and Stockholm Declaration; presentation of new MSMG Chairperson ( <i>Susana Widstrand, MSMG Chairperson</i> )
15:30	European Wind Initiative and SET-Plan: state of play ( <i>Nicolas Fichaux, TPWind Secretariat</i> )  Following the presentation, an open discussion will follow ( <i>Henning Kruse, TPWind Chairperson, to chair</i> )
16:15	WindSec2 and the future of the Platform, ( <i>Filippo Gagliardi, TPWind Secretariat</i> )  Following the presentation, an open discussion will follow ( <i>Henning Kruse, TPWind Chairperson, to chair</i> )
16:45	Coffee Break
17:00	SRA/ MDS priority projects ( <i>Nicolas Fichaux, TPWind Secretariat</i> )
17:30	The 5 <sup>th</sup> General Assembly: presentation of the Programme and preparation of Working Group meetings ( <i>Filippo Gagliardi, TPWind Secretariat</i> )  Following the presentation, an open discussion will follow ( <i>Henning Kruse, TPWind Chairperson, to chair</i> )
18:00	Conclusions and next meeting

### **3. Main decisions**

#### **Introduction**

Henning Kruse, Chair of the Platform, opened the meeting by asking all participants to present themselves to first-time participants.

Further to that, he added a new point to the agenda, namely the replacement of Steering Committee member Mauro Villanueva Monzon by José Donoso, as requested by Mr. Villanueva Monzon.

Finally, he provided an overview of the most recent achievements of TPWind (i.e. since the previous Steering Committee meeting, held in Brussels on May 12<sup>th</sup>, 2009):

- The European Wind Initiative (EWI) was successfully presented to the SET-Plan High-Level Steering Group (SET-Plan SG) on May 13<sup>th</sup>;
- On the basis of the EWI, the European Commission (EC) developed the Wind Energy Roadmap, published on October 7<sup>th</sup> in its Communication on Financing Low Carbon Technologies;
- At the last General Assembly (May 13<sup>th</sup> and 14<sup>th</sup>), TPWind identified 15 high-priority projects for implementing the SRA/MDS (submitted to the EC in September);
- The wind session of the SET-Plan workshop (Stockholm, October 21<sup>st</sup> and 22<sup>nd</sup>) was successfully organized and managed. During the session, the Wind Energy Roadmap was presented and discussed;
- TPWind will launch a new “call for expression of interest” in 2010 in order to open the Platform to new members and expand its membership base;
- A database of available EU funding schemes for wind energy operators is currently being developed and will be published on TPWind website before the end of the Windsec project (March 2010);
- TPWind is currently developing a project (tentative title: Windsec 2) for receiving funds from the EC for the next 3 years (2010 – 2013). The deadline for the submission of proposals is March 4<sup>th</sup>, 2010.

Some of the future tasks of the Steering Committee will be the following:

- Discuss and finalize a proposal for the implementation of the Wind Energy Roadmap, to be submitted to the EC before the end of November 2009 (other ETPs are planning to do the same in December);
- Contribute to the development of an Implementation Plan of the Wind Energy Roadmap, to be developed on the basis of the results of the 5<sup>th</sup> GA;
- Revise the Windsec 2 project before its submission;

- Select new TPWind members in 2010 once the new “call for expression of interest” will be launched.

The managing structure of the Roadmap, its Implementation Plan and the final version of the Windsec 2 project will be presented and discussed at the 6<sup>th</sup> GA, scheduled for March 23<sup>rd</sup>, 2010 (9<sup>th</sup> SC meeting to be held on March 22<sup>nd</sup>, 2010).

## **Member State Mirror Group update**

Susana Widstrand, Chair of the MSMG, reported on the MSMG meeting that took place in the morning of November 9<sup>th</sup>.

First of all, the Stockholm Declaration and SET-Plan workshop (Stockholm, October 21<sup>st</sup> and 22<sup>nd</sup>) were discussed.

The Stockholm Declaration (issued on September 15<sup>th</sup>) was developed to draw attention on and encourage the development and funding of:

- Spatial planning tools;
- Offshore applications;
- Grid integration;
- Regional R&D cooperation;
- Flexible mechanisms to share costs and benefits of renewables in view of the implementation of the new EU RES Directive (approved in December 2008 and establishing the 2020 targets).

As for the SET-Plan workshop, organized by the EC and the Swedish Energy Agency, it was a successful high-level meeting, where the Wind Energy Roadmap was presented and discussed with relevant stakeholders (including the EC). The wind session of the SET-Plan workshop was joined by approximately 40 participants.

Further to that, it was agreed that the Secretariat will develop a new version of the MSMG Work Plan, on the basis of the comments received during the November 9<sup>th</sup> meeting. The new Work Plan will be discussed and approved at the next MSMG meeting (to be organized close to the 6<sup>th</sup> GA).

Finally, Ms. Widstrand informed the SC of her intention to resign from her position of MSMG Chair. The election of new MSMG Chair and Vice-Chairs will be held at the next MSMG meeting.

## **European Wind Initiative and SET-Plan: state of play**

Nicolas Fichaux presented the new Wind Energy Roadmap, which originates from the EWI (its final version was submitted to the EC before the summer of 2009).

Its publication should be considered a major achievement of TPWind: the Roadmap will provide € 6 bn of public and private funds to wind energy operators over the 2010 – 2020 period.

Mr. Fichaux also presented a first proposal for its managing structure, which was firstly introduced at the SET-Plan workshop in Stockholm and discussed with the ExCo.

The proposal builds on the High Level Steering Group of the SET-Plan (SET-Plan SG), which represents the main SET-Plan governing body. The SET-Plan SG seems to be the ideal place for ensuring coordination of existing funding schemes, since it includes representatives of the European Commission, the European Investment Bank (EIB) and Member States (MS).

Due to its composition, this body can decide how different elements of the various Roadmaps (not only the Wind Energy one) can be funded through the following schemes:

- FP7 (FP8 from 2014), Competitiveness and Innovation Programme (CIP), Emission Trading Scheme (ETS – the first revenues should be available in 2011) – *Responsibility: EC and MS;*
- National Programmes, including Structural Funds - *Responsibility: MS;*
- EIB instruments, i.e. the Risk Sharing Finance Facility (RSFF), which provides soft loans for R&D projects, and the new Marguerite Fund, which will enable the EIB to invest in equity as from 2010 – *Responsibility: EC and EIB.*

However, in order to know which components of the Roadmaps should be funded when, the SET-Plan SG would require relying on ad-hoc Advisory Committees (AC). Every AC could be composed of representatives of the EC, the EIB and of the relevant Technology Platform (i.e. TPWind in the case of the Wind Energy Roadmap). Every year, the wind energy AC would agree on which priorities of its Roadmap should be funded, which instruments should be used and which budgets should be allocated. Its proposal will be then submitted to the SET-Plan SG, which would approve it or require changes.

Once an agreement would be reached within the SET-Plan SG, funding indications will be transmitted to the EC, the EIB and MS, which would be responsible for their implementation.

The next steps in the development of the Roadmap will be to discuss and agree with the EC on its managing structure and on its Implementation Plan (i.e. on which priorities should be funded first – the Implementation Plan will be developed on the basis of the inputs collected at the 5<sup>th</sup> GA).

The Roadmaps should be endorsed by the 2010 EU Spring Council and be launched immediately afterwards (i.e. before the end of 2010).

Following the presentation of Nicolas Fichaux, a discussion on various aspects of the Roadmap followed:

## Funding

Implementing the Roadmap will require a yearly investment of € 600 m. However, it is still not clear which portion will be covered by public resources.

Public authorities currently fund 24% of R&D investments in wind energy (3% comes from the EU, the rest from MS). The implementation of the Roadmap gives the wind energy sector a chance to change this trend and push public authorities to explore a more equal level of commitment.

It is however unlikely that MS will increase their spending in wind energy in the coming months, since national resources are currently being used to fight the economic and financial crisis.

As for the EC, it will probably be in the position to increase its funding for wind energy as from 2013, when the FP8 will be launched and the first ETS revenues will become available.

This raises issues on the funding of the Roadmap between 2010 and 2013: TPWind should clarify this with the EC at the earliest opportunity.

Further to that, the EC mentions, in its Communication on Financing Low Carbon Technologies, that the EEPR should be considered as one of the instruments for funding the Roadmap.

However, its funds have already been allocated (€ 565 m for offshore wind and the North Sea grid – relevant calls for proposals closed on July 15<sup>th</sup>). TPWind should therefore clarify with the EC whether these funds are considered to be part of the Wind Energy Roadmap or not: if the answer will be positive, it would mean that 10% of its budget has already been spent. Should this be the case, TPWind will have to intervene in order to make sure that the entire amount allocated to the Wind Energy Roadmap (i.e. € 6 bn of public and private resources) will be spend in the 2010 – 2020 period, as announced by the EC.

Moreover, if an equal level of commitment in funding the Roadmap would be agreed by the private and public sectors, it would mean that both parties will have to invest approximately € 300 m per year.

This could represent a huge effort for the industry, since major players will not be willing to spend the majority of their resources to implement the Roadmap (even if this increase will have to be put in relation with the future growth of the sector).

In order to facilitate the implementation of the Wind Energy Roadmap, the EC could therefore propose to shift resources from the Solar Roadmap, which has a much larger budget (€ 16 bn), to the Grid Roadmap, which is the weakest one (total budget: € 2 bn) but is likely to play a key role for the development of all renewables (it could become a showstopper if it will fail to deliver).

Finally, when discussing the funding of the Roadmap with the EC, TPWind should try to push for the use of grants to the largest possible extent, since soft loans are not considered to be a realistic alternative by many companies (soft loans can play a role in demonstration projects or in the development of new infrastructures, but not in the funding of R&D actions).

### Managing Structure

It is still not clear if and how TPWind will be involved in the management of the Roadmap. According to the latest information available, the SET-Plan SG is however open to the possibility of involving relevant ETPs in the management of Roadmaps: TPWind should therefore approach the EC before the end of November in order to negotiate its role in this process.

The proposal for a managing structure of the Roadmap presented to the SC should be forwarded to the EC and pushed vis-à-vis relevant officials.

### Implementation of the Roadmap

TPWind should push for an early launch of the Roadmap (i.e. immediately after the 2010 EU Spring Council).

Its Implementation Plan should build on the results of the 5<sup>th</sup> GA, but the “wind resources” and “grid integration” components should have the priority, since their implementation will pave the way for a smooth and successful implementation of the Roadmap. For this reason, 2011 FP7 calls for proposals should ideally focus on these themes.

Further to that, the SC should be involved in the development of the Roadmap Implementation Plan, so as to prioritize projects identified by different WGs (and answering different objectives of the Roadmap). The result of this exercise will be a complete and final version of the Plan, encompassing all components of the Roadmap, which will be submitted to the EC.

Moreover, the SRA/MDS priority projects (for the FP7 and the IEE Programme) identified by TPWind at the 3<sup>rd</sup> and 4<sup>th</sup> GAs should represent the basis of the Implementation Plan but should be complemented by additional actions, since the scope of the Roadmap is much broader than those of the FP7 and IEE.

From now on, TPWind members should therefore focus on the Roadmap only: its projects should become the only one to be pushed vis-à-vis the EC.

Some aspects of the Roadmap might create problems in its implementation and should therefore be properly tackled, namely the following:

- Dimensions of offshore WTGs will increase with time and this will create serious logistical issues;
- The timeline of the Roadmap does not fully take into consideration the indications provided by TPWind and could therefore be not realistic;
- The deployment of offshore wind will require investments both on onshore and offshore infrastructures;
- The EU might need an integrated plan for ensuring the implementation of all Roadmaps and fostering the development of all renewables.

Finally, the plans of the European Energy Research Alliance (EERA) should be taken into consideration when implementing the Roadmap: its objectives and milestones are different but relevant synergies could be developed (both Programmes will contribute to the implementation of the SET-Plan).

## **Windsec 2 and the future of TPWind**

Filippo Gagliardi presented the latest outline of the Windsec 2 proposal (title to be confirmed), which could ensure a € 1 m funding to TPWind for the next three years (October 2010 – September 2013).

Windsec 2 should be funded by the EC through one of the current FP7 Energy calls for proposals, published on July 30<sup>th</sup>, 2009.

The deadline for the submission of proposals is March 4<sup>th</sup>, 2010.

The contents of the Windsec 2 proposal are very important because they will determine the future of TPWind.

Its current outline was developed on the basis of inputs coming from the EC (brainstorming session held on January 29<sup>th</sup>), TPWind members (4<sup>th</sup> GA held on May 13<sup>th</sup> and 14<sup>th</sup>), the Secretariat (project partners meeting held on September 10<sup>th</sup>) and the ExCo.

SC members provided the following comments and inputs to the Windsec 2 outline:

- The title could be improved: alternatives should be taken into consideration;
- The diagram representing the new TPWind structure should be modified: the current version gives the wrong impression that the new Advisory Board (AB) will be the supreme decision making body of the Platform;
- The AB should include also TSOs and DSOs: cooperation with grid operators will be essential for implementing the Roadmap and for the future of TPWind;
- Working Groups 5 and 6 could be merged but the WG resulting from this operation should not be called “policy”: a more appropriate name, highlighting the goals of the WG (i.e. to deal with, amongst others, environment, market and radar issues), should be identified;
- The 2010 call for expression of interest to recruit new TPWind members and enlarge its membership base should be launched between April and September (i.e. between the end of the Windsec project and the launch of its follow-up);
- Rules for replacing inactive TPWind members should be formalized in Windsec 2;
- The creation of sub-committees in TPWind WGs is likely to add unnecessary complexity to the structure of the Platform. Instead, more flexible and cross-sectoral task-forces (based on the proposed list of priorities for each WG) should be created, so as to encourage cooperation between WGs;

- The limited budget of Windsec 2 rules out the possibility of developing a new EU Wind Energy Training Centre. TPWind should therefore concentrate only on the identification of available training opportunities and of relevant training needs. Cooperation with the sustainable energy KIC should also be sought in this context;
- For the same reason, the consortium of Windsec 2 should not be enlarged to additional organizations: existing partners should be able to implement it.

A new outline of the Windsec 2 proposal will have to be sent to SC members before drafting the full proposal.

### **Steering Committee member replacement**

The replacement of Mauro Villanueva Monzon by Jose Donoso in the SC was approved.

### **5th General Assembly: programme**

The agenda of the 5<sup>th</sup> General Assembly, to be held on November 10<sup>th</sup>, was presented by Filippo Gagliardi.

Working Groups meetings in the morning will focus on the development of the Roadmap Implementation Plan, which will be circulated to the SC once ready.

Finally, Nicolas Fichaux presented the “toolbox” sent to TPWind Chairs, Vice-Chairs and Secretaries for preparing and managing WGs meetings.

### ***4. Meeting documents***

The main documents 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***

TPWind 6<sup>th</sup> General Assembly (GA) will take place on Tuesday the 23<sup>rd</sup> of March, 2010, in Brussels.

The 9<sup>th</sup> Steering Committee meeting will take place in the afternoon of Monday the 22<sup>nd</sup> of March, 2010, in Brussels.

The 6<sup>th</sup> GA will be the only one in 2010: from next year, only one Assembly per year will be organized.

The reason for holding meetings in March 2010 is that the Windsec project will end on that month.

## **6. Annex: List of abbreviations**

AB = Advisory Board  
CIP = Competitiveness and Innovation Programme  
EC = European Commission  
EERA = European Energy Research Alliance  
EIB = European Investment Bank  
EIT = European Institute of Technology  
ETS = Emission Trading System  
EWI = European Wind Initiative  
ExCo = Executive Committee  
FP7 = 7<sup>th</sup> Framework Programme for Research and Development  
GA = General Assembly  
IEE = Intelligent Energy Europe  
KIC = Knowledge and Innovation Community  
MS = Member State  
MSMG = Member States Mirror Group  
SC = Steering Committee  
SET-Plan SG = SET-Plan High Level Steering Group  
SRA/MDS = Strategic Research Agenda / Market Deployment Strategy  
WG = TPWind Working Group  
WTG = Wind Turbine Generator