

Steering Committee Meeting n° 2
European Wind Energy Conference & Exhibition 2007, Milan, Italy.
May 9th, 2007 – 16:00 AM to 17:30 PM

Minutes

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Prepared by the TPWind Secretariat

March, 23rd 2007

1. *Participants list*

Steering Committee

Name	First Name	Institution	Comments
Beurskens	Jos	ECN	
Borri	Claudio	CRIACIV at Universita di Firenze	Represented by Prof. Gaetano Gaudiosi
Buddenberg	Joerg	EWE AG	
Chaviaropoulos	Takis	CRES	
Flamang	Peter	Hansen Transmissions International	
Gertmar	Lars	ABB (Core Wind Team/ Tech team)	
Hessel	Christoph	GE Wind	
Kariniotakis	George	Ecole des Mines de Paris	
Kruse	Henning	Siemens	
MacAskill	Allan	Talisman Energy (UK) Ltd	
Nath	Christian	Germanischer Lloyd Industrial Services, Wind	
Nielsen	Frank	LM	
Petersen	Erik Lundtang	Risoe National Laboratory	
Prats	Josep	Ecotecnica	
Quarton	David	Garrad Hassan	
Raftery	Peter	Airtricity	
Santamaria	Angeles	Iberdrola	
Stroem Madsen	Finn	Vestas	
Thor	Sven-Erik	Vattenfall	
Villanueva-Monzon	Mauro	Gamesa	
Zervós	Arthouros	representing the whole industry	

Not represented

Name	First Name	Institution
Hohmeyer	Olav	Flensburg University
Skarzynski	Grzegorz	Polish Wind Energy Association

Secretariat

Name	First Name	Institution	Comments
Blanco	Isabel	EWEA	
Fichaux	Nicolas	EWEA	
Jensen	Peter Hjuler	Risoe / DTU	
Andersen	Per Dannemand	Risoe / DTU	
Quarton	David	Garrad Hassan	Also member of the Steering Committee

Guest: Nigel Hall (European Investment Bank)

2. **Agenda**

- 13:30 Introduction and welcome of participants (*Henning Kruse*)
- 13:40 European Investment Bank (*Nigel Hall*)
EIB lending for RDI
- 14:00 Working Groups (*Base document to be sent by Secretariat*)
- The view of the ExCo (*Henning Kruse*)
 - Proposal for Working Groups (*Nicolas Fichaux*)
 - Discussions and voting (*all*)
 - Election of the Chairpersons
- 15:30 Update on activities
- TPWind: where are we now? (*Nicolas Fichaux*)
 - Discussion (agenda, overall functioning) (*all*)
- 15:45 Next meeting – date & topics

Presentations will be made available on the internal website of the project.

3. **Main issues**

3.1. **Introduction and welcome of participants**

„

Thanks for your confidence during the elections, and for selecting me as Chairman of TPWind. I will do my best to make this project successful.

The objective of the platform is to analyze all aspects on and around the turbines, hopefully finding pathways for optimization and cost reductions. We have 3 years working.

The work is structured around Working Groups:

The Working Groups will be established this summer. Nicolas will say more about this. I hope that we will attract highly qualified experts in their field, representing the industry, universities and commercial world.

These Working Groups on the first instance report to the Steering Committee. The governments of the 27 EU countries are part of this. They are member of the mirror group, adding their comments and views. The daily tasks are taken care by the Secretariat of TPWind, in Brussels, by Nicolas Fichaux. He on turn stays in close relationship with the ExCo which has monthly conferences.

Executive Committee (ExCo):

There have just been two ExCo meetings. The meetings for the next three years are planned. We have discussed the results of the meeting in Brussels in March and have used the conclusions for defining the Working Groups.

6 Working Groups are proposed:

- Grid & Energy Integration,
- Wind Turbine Technology,
- Wind Resource,
- Policy & Environment,
- Wind Market & Economics,
- Offshore Specific Aspects.

During this second Steering Committee meeting, our objective is to vote for the structure and titles of the Working Groups, and select the Chairperson for each group. "

3.2. European Investment Bank (EIB) – lending for RDI

The EIB is the EU financing institution. It has been created by the Treaty of Rome in 1958, to provide long-term finance for projects implementing the EU policies. It is a non-profit organization owned by member-states.

The EIB operates in EU, Asian countries and Latin America. The annual lending in 2006 was 45.8 beuros. On the period 2003-2006, 14 beuros were spent in the energy sector, including:

- energy production,
- energy R&D,

- Carbon Funds.

The budget of the EIB for renewable energy for the next three years is scheduled to be 600-800 Meuros/y. For wind energy, it is expected to focus on: research, development & innovation (RDI), and demonstration projects with a focus on innovation.

The strategy of the EIB is to increase investments in more risky and high added-value initiatives. Support will be provided to pan-European R&D activities, and Technology Platforms, in collaboration with industry and associations.

Various support schemes are provided by the EIB, and instruments exist for any stage of the innovation process (fundamental research, definition stage, industrial research, pre-competitive research or pilot projects). The level of support usually represents 50% of eligible costs, and its specifications are a function of the budget of the project (> 2.5 meuros: intermediate loans; > 7.5 meuros: RSFF; > 25 meuros: on case-by-case evaluation). There is no specific application format for contacting the EIB (dossier nevertheless includes: project description, business plan, financial projections).

RSFF: the European Commission and the European Investment Bank have joined forces to set up the Risk Sharing Finance Facility (RSFF). RSFF is an innovative scheme to improve access to debt financing for private companies or public institutions promoting activities in the field of:

- § Research, Technological Development Demonstration
- § Innovation investments

RSFF is built on the principle of credit risk sharing between the European Community and the EIB, extending the ability of the Bank to provide loans or guarantees with a low and sub-investment grade risk profile. The scheme also provides a wealth of opportunities for new and innovative EIB financing solutions directed at the private sector and the research community as a whole. Further information on RSFF is available on the EIB website: www.eib.org/rsff. This program is funded by FP7 (1 beuros) and the EIB's own resources (1 beuros).

More information on www.eib.org

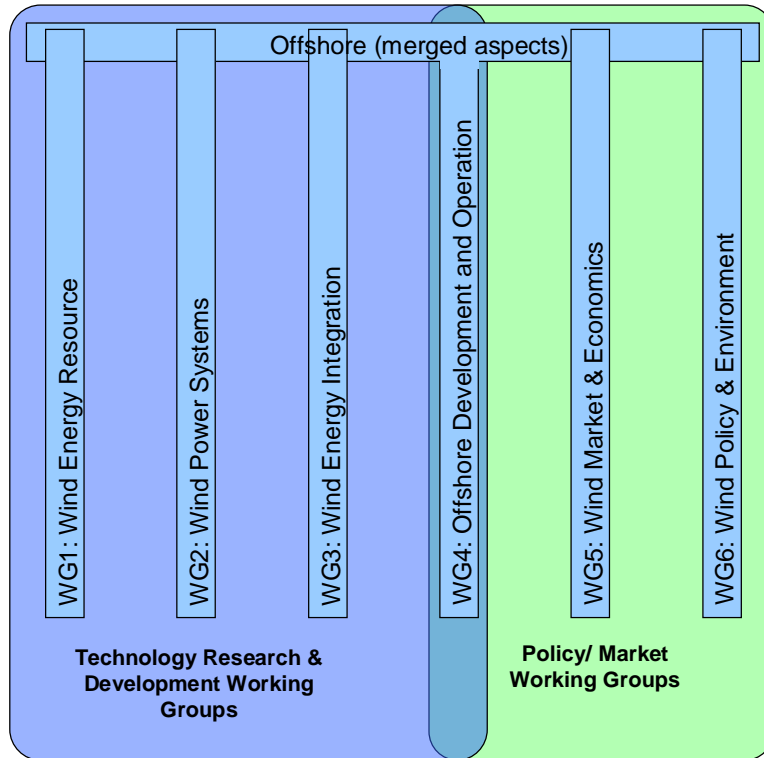
3.3. Working Groups

The Working Group structure has been acknowledged by the Steering Committee under the following conditions:

- WG2 is named Wind Power Systems instead of Wind Turbine Technology,
- WG4 is named Offshore Development and Operation instead of Offshore (specific aspects),
- The Chairpersons of the Working Groups propose a short description of the main subjects addressed by their Working Group for assessment of the ExCo

(before launching the calls for expression of interest, and with the support of the Secretariat).

The structure for the Working Groups of the platform is:



Election of the Chairpersons of the Groups: In case no Steering Committee member is available for chairing of one of the groups, the ExCo proposed to name a temporary Chairperson. Elections will be organized within these groups to elect the Chairperson. Elected Chairpersons for the Working Groups are:

- | | |
|---|---------------------------|
| - <u>WG1 : Wind Energy Resource</u> | E. Petersen |
| - <u>WG2 : Wind Power Systems</u> | J. Beurskens |
| - <u>WG3 : Wind Energy Integration</u> | J. Buddenberg (Temporary) |
| - <u>WG4 : Offshore Development and Operation</u> | A. MacAskill |
| - <u>WG5: Wind Market & Economics</u> | A. Santamaria (Temporary) |
| - <u>WG6: Wind Policy & Environment</u> | A. Zervos |

3.4. Update on activities

The Secretariat provided a presentation of the activities of the Platform for the period March-April 2007. The presentation will be made available on the website of the Platform. Next steps of the project are:

- Launch calls for WG, FWoG, Mirror Group (June)

- End calls *(end of August)*
- Members Selected *(Oct./Nov.)*
- General Assembly *(November)*
- Steering Committee meeting 3 *(December)*
- First SRA & MDS *(April 08)*
- Other:
 - § First Newsletter *(September)*
 - § Website *(October)*

3.5. Next meeting – date & topics

Next Steering Committee meeting will take place during the European Offshore Wind Conference (4-6 December, Berlin).

Topics will include:

- the main conclusions from the General Assembly (to be held in Oct. 2007),
- update on activities for each Working Group (presentations by Chairpersons),
- Drafts of the first Strategic Research Agenda & Market Development Strategy documents (expected in April 08).