

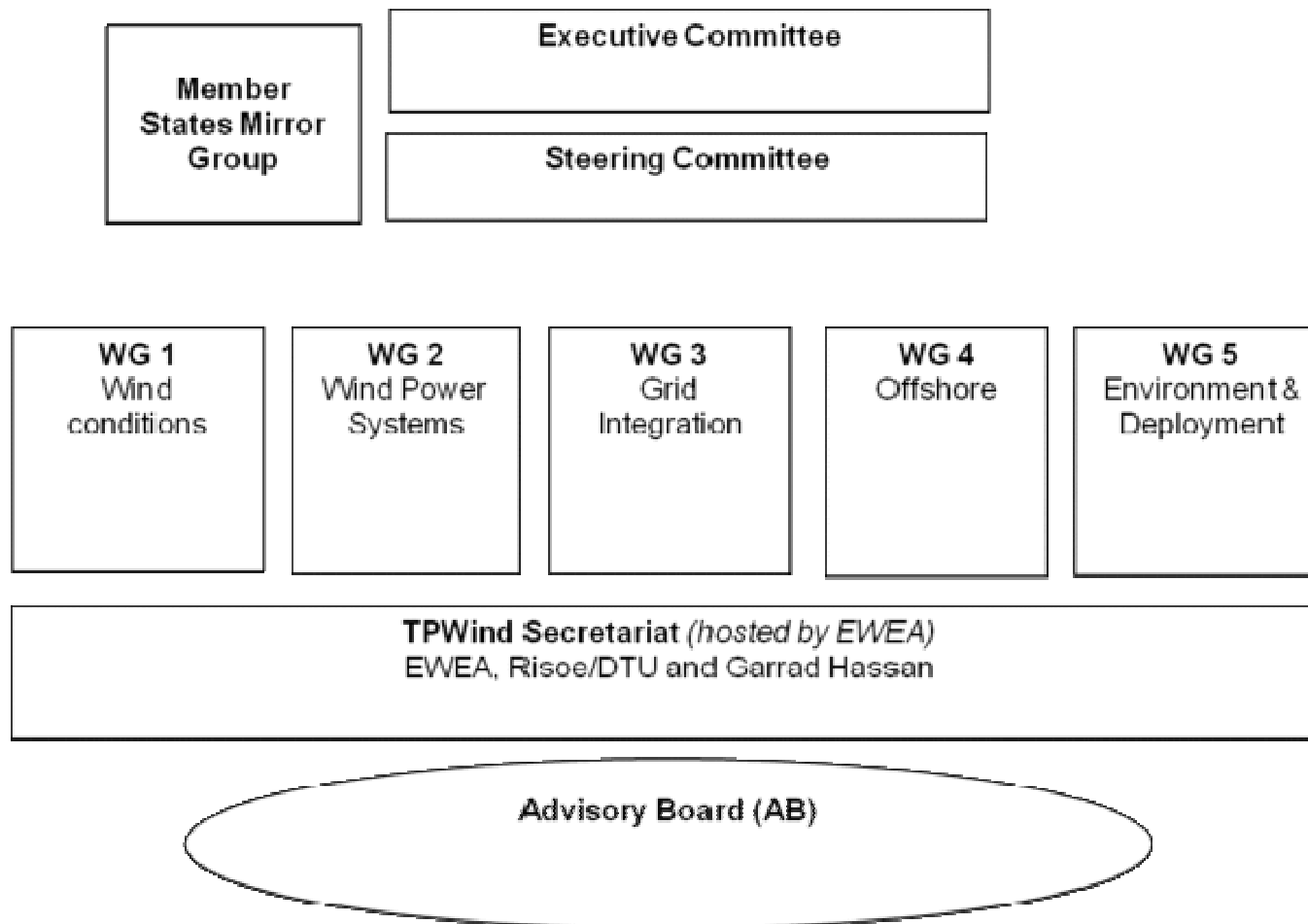
An update on TPWind

Filippo Gagliardi, TPWind Secretary General

Introduction

- ❑ 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 ETPs currently operational)
- ❑ 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
- ❑ In 2010 and 2011, TPWind was renewed

TPWind structure



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 now one of the key tools for funding wind energy R&D in Europe
- ❑ One of its strands focuses on grid integration and will be presented later on by Ms. Holttinen (TPWind WG3 Chair)

The EWI (I)

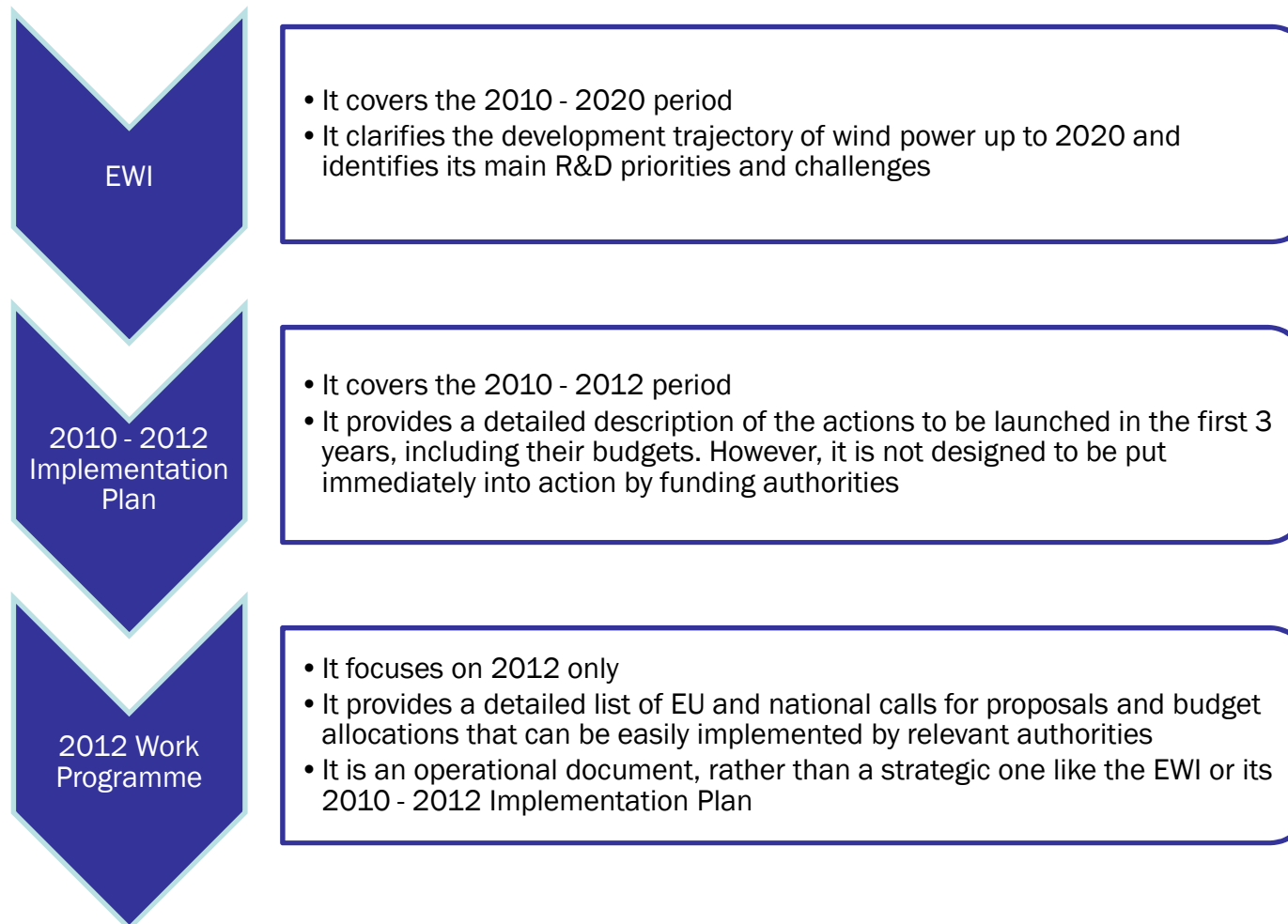
- ❑ The European Wind Initiative (EWI) is a long-term, large-scale Programme aiming at improving and increasing public funding for wind energy R&D
- ❑ The EWI is rooted in the EU Strategic Energy Technology Plan (SET-Plan) and has a € 6 bn budget (private and public resources) for the 2010 – 2020 period
- ❑ 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, together with the European Electricity Grid Initiative (EEGI), which will be presented later on by Mr. Lemmens
- ❑ 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 different documents of the EWI



TPWind plans for the 2011 – 2013 period

- The main TPCWind activities for the 2011 – 2013 period are the following:
 - In 2011:
 - Develop the EWI 2013 – 2015 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 EWI 2016 – 2018 Implementation Plan, on the basis of the new SRA/MDS
 - Prepare for the post-TOP Wind phase

Free movement of electricity

Forthcoming legislative package on grid financing and permitting

- INCREASE the profile of the infrastructure package
- FRAME



The debate
in terms of
single market

Free movement of electricity

Twenty five years after the Single European Act, Europe urgently needs greater freedom of movement in electricity: a single internal power market and a network infrastructure to facilitate it.

A single electricity market will increase competition, improve security of supply, help deliver climate goals and integrate modern energy technologies including renewables.

Whilst development of a single power market is progressing, development of the infrastructure urgently needs a very major boost. To bring freedom of movement to and enhance cross-border trade in Europe's electricity, the European Parliament and the Council of Ministers must:

- Speed up, simplify and better coordinate permitting and planning procedures for electricity infrastructure projects
- Agree new financing mechanisms to support the necessary electricity infrastructure projects
- Address environmental concerns and social acceptance issues related to the necessary grid extensions at an early stage.



EWEA
THE EUROPEAN WIND ENERGY ASSOCIATION

europacable

eurelectric
ELECTRICITY FOR EUROPE

AEBIOM
EUROPEAN BIOMASS ASSOCIATION

BUSINESSEUROPE

COPPER
EUROPEAN ASSOCIATION

E3G

EGEC

EPIA
EUROPEAN PLATFORM FOR INTEGRATED ASSESSMENT

EREC

ESTELA

European Climate Foundation

FRIENDS OF THE SUPERGRID

GWEC

Lewiatan

More information www.freedomforelectricity.eu

www.freedomforelectricity.eu

Get
involved!



FREE MOVEMENT OF ELECTRICITY

Introduction

Free movement of electricity

Twenty-five years ago, the Single European Act made possible the free movement of people, capital, goods and services.

Now Europe needs greater free movement of electricity.

Why?

- To improve the security of Europe's energy supply
- To help deliver our climate goals
- To integrate modern energy technologies such as renewables

How?

To free our electricity, Europe needs a single market in electricity and a fully connected power grid.

Our statement...

LATEST NEWS

Consensus on need for grid at EWEA public debate

It was standing room only in the Brussels Press Club for the EWEA Public Debate.
[read more »](#)

Public Debate

Public Debate on Energy Infrastructure 22 September 16:30 – 18:00 at Brussels Press Club Europe
[read more »](#)

[STATEMENT](#)

[SUPPORT THIS CAMPAIGN](#)

[f JOIN US](#)

[ABOUT](#)

<http://freedomforelectricity.eu/#>

Sometimes we all need a bridge. So does our electricity.



EWEA
THE EUROPEAN WIND ENERGY ASSOCIATION

Thank you for your attention!



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