



European Wind Energy Technology Platform

Dr. Nicolas Fichaux - EWEA

The European Wind Energy Technology Platform TPWind

- q Part One: TPWind Structure
- q Part Two: TPWind Secretariat
- q Part Three: TPWind Working Groups (*proposal*)
- q Part Four: TPWind update on activities

Part One: TPWind Structure

Overall objectives of the Platform

q Scoping sector innovation and R&D needs

§ R&D → SET- Plan, FP7, other EU and National plans

q A single, powerful voice for R&D

§ EU, Member States, industry, other energy sector, R&D institutions and financiers

q Maximal sector sensitivity. Better communication

§ Within the wind sector & externally (other industry sectors & technology platforms)

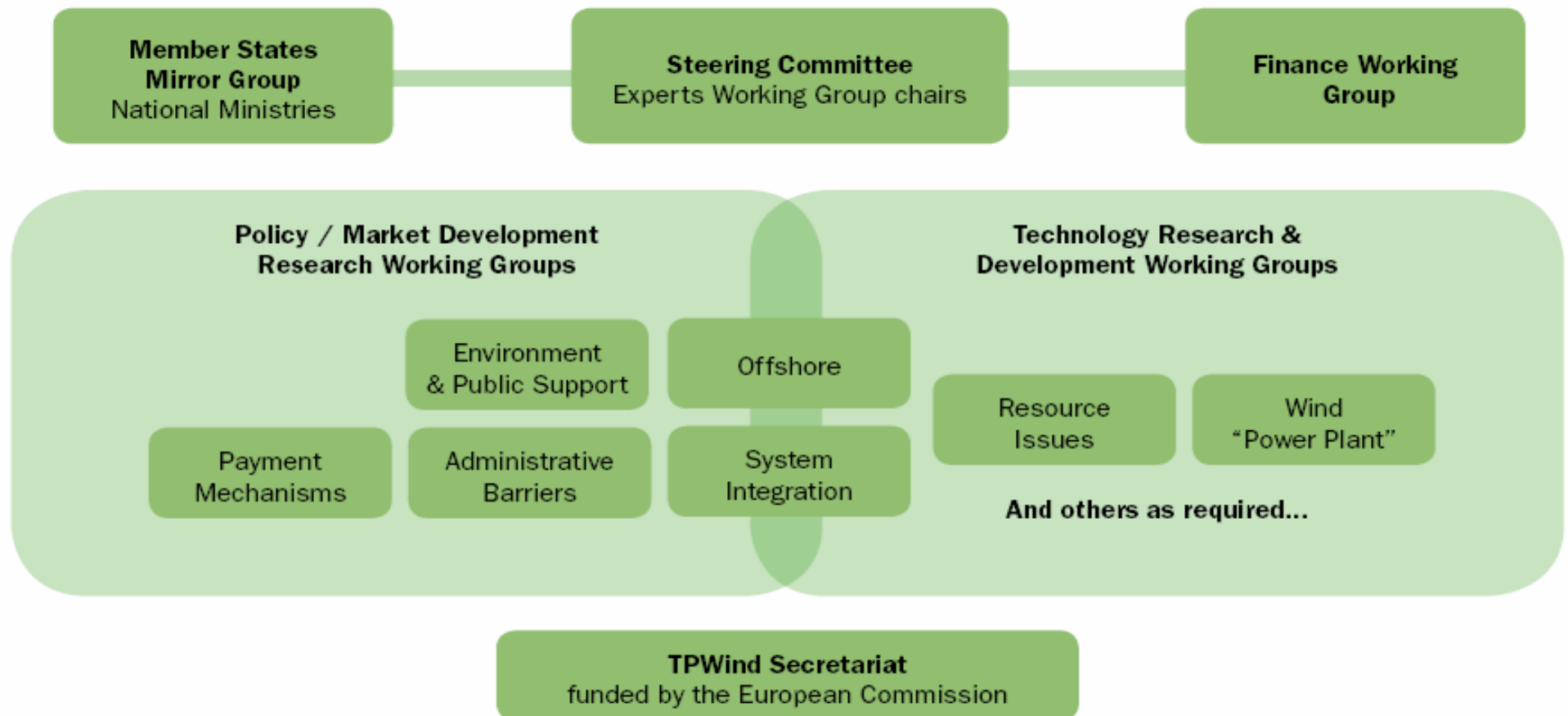
q "Docking station"

Monitor ongoing initiatives (EC / other EU & national)	Strengthen the ERA 	Assess and monitor ongoing and new research projects
---	--	--

q Effective Action Plans, for technology and policy

§ Strategic Research Agenda (SRA) & Socio-economic Market Development Strategy (MDS)

Structure – global



! WG: to be defined. Share of Policy vs. Technology to be discussed.

Structure – Steering Committee

q Decision-making body and executive arm

- § Directs all activities
- § Defines roles, responsibilities & operations
 - Ø *Validation of terms of reference*
- § Compliance with Platform mission & activities
- § Approval and launch of activities (objectives, timing)
 - Ø *Working Groups definition*
- § Follow-up activities and approval of deliverables
- § Final assessment of SRA and MDS



q Supported by the Secretariat

Structure – Member States Mirror Group

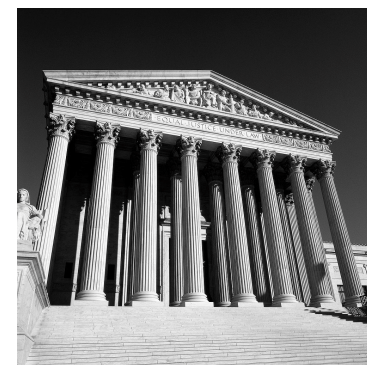
q Relevant ministries and Member State energy agencies.

§ Already five Member States (NL, UK, SW, DK and D)

q Opportunity

§ to tailor national R&D activities to complement EU activities, and vice versa, and to develop synergies

§ to collaborate in pushing forward some short-term operational issues facing wind energy



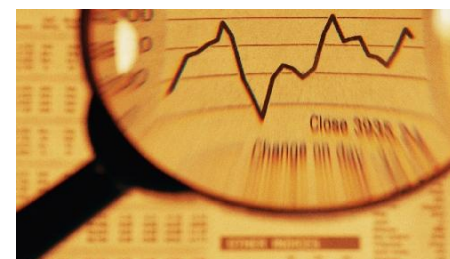
Structure – Financing Group

q Explore opportunities for funding research activities

- § Establish level of funding available from various sources / Matching with R&D priorities
- § Increasing the private sector's role in collaborative R&D
- § New sources of investment in the public sector (Structural Funds, Risk-Sharing Finance Facility, EIB loan investments ...)

q Deliverable: Join Technology Initiative

- § *desirable?, possible?, how?*



Structure – Working Groups

q Develop research pathways towards cost reductions



q Handle facets related to accelerated and innovative R&D



q Technology/ Research & Development Working Groups

§ Strategic Research Agenda (SRA)

Ø clear picture of priorities, tasks and actors for technology development



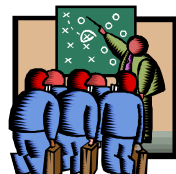
q Policy/ Market Development Working Groups

§ Market Development Strategy (MDS)

Ø clear picture of priorities, tasks and actors in terms of market development



Structure – Secretariat



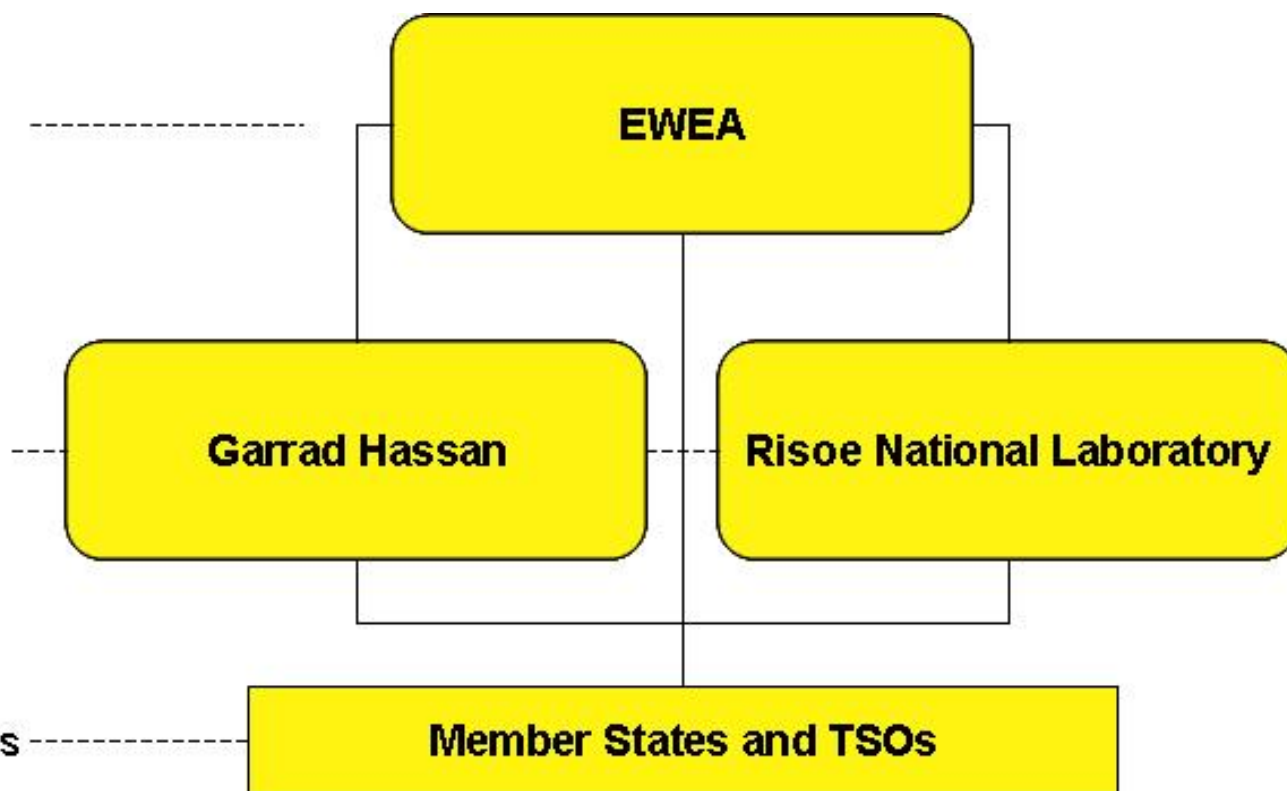
Tier 1
WindSec
Coordinator



Tier 2
WindSec
Partners

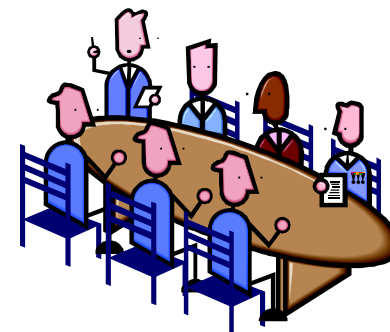


Tier 3
Member States
Contributors



Main Deliverables

- q Strategic Research Agenda (SRA) to cover technology issues
- q Socio-economic Market Development Strategy (MDS), to cover policy R&D and market development, including short-term operational measures
- q Meetings foreseen annually:
 - § Two Steering Committee meetings
 - § One Mirror Group meeting
 - § One Financing Group meeting
 - § Two Market Development Groups meetings
 - § Two Technology Working Groups meetings
 - § One Annual General Meeting, (all Platform members)



Terms of Reference

q Selection in Groups is transparent

§ Call by Secretariat / selection upon known criterions

q Steering Committee

- § Membership for 3 years (new members if 2/3 vote)
- § 1 Chair, 2 Vice-Chairs & 2 complements (ExCo)
(18 months- reappointed if necessary)
- § Individual expertise (not replaceable)
- § Observers possible (on SC approval)

q Inside groups: 1 Chair & 1-2 Vice-Chairs

- § Elected for 18 months (reappointed if necessary)
- § Organise meetings (with support Secretariat)
- § Provide minutes (with support Secretariat)

q Each Group: 1-2 meetings a year (based on contract with EC)

5/29/2007



Part Two: TPWind Secretariat

Missions

Secretariat

Optimises

the activities of the Platform

Manages

the calls for selecting the members of the groups

Provides

logistical, functional and organisational support

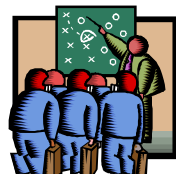
Provides

intellectual inputs for SRA & MDS

Reports

to SC and Commission

Structure - I



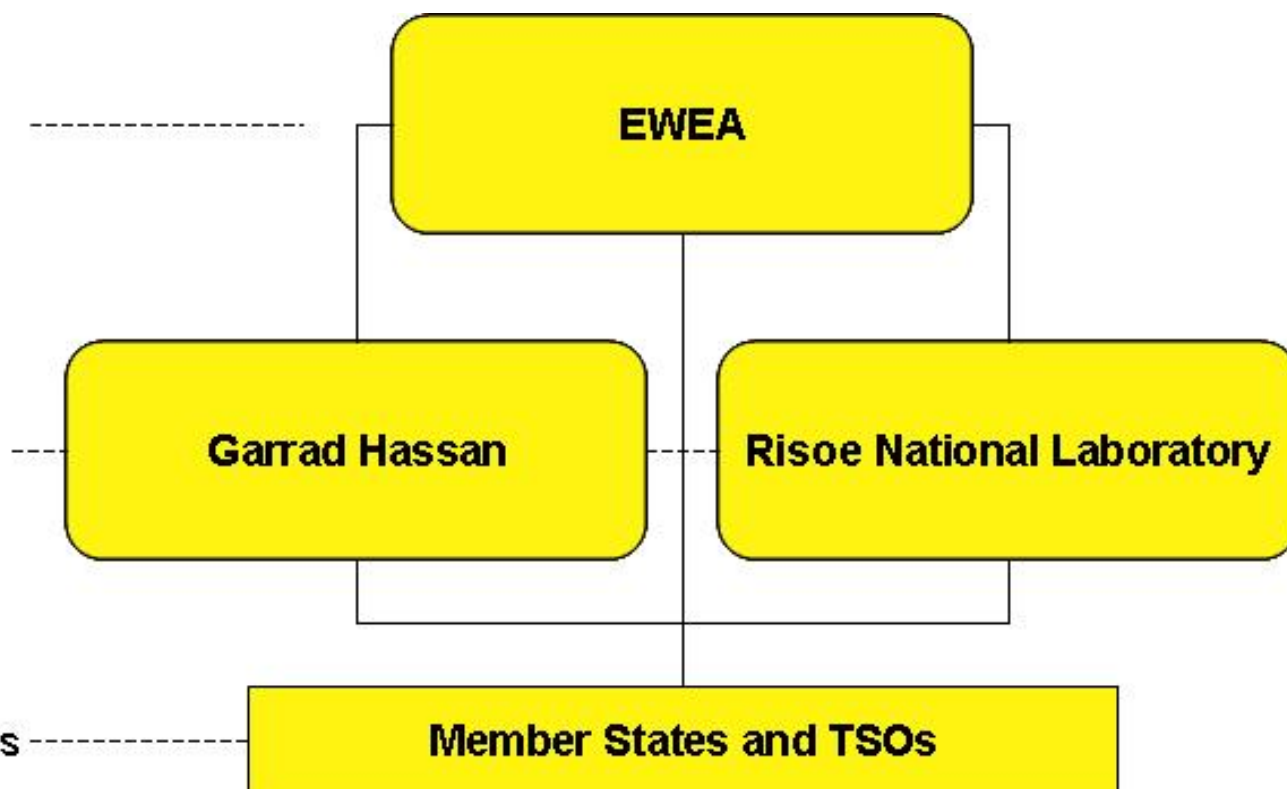
Tier 1
WindSec
Coordinator



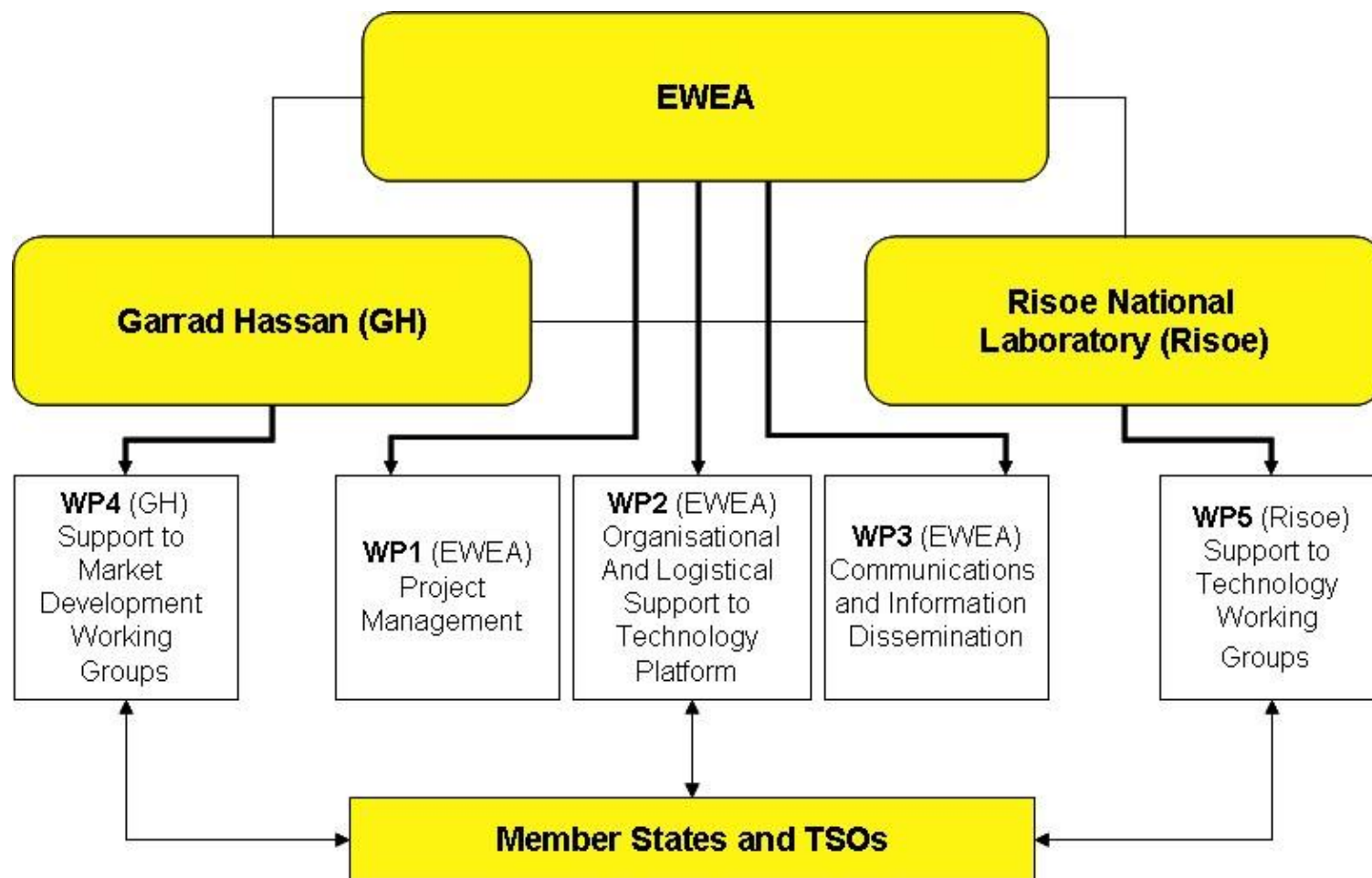
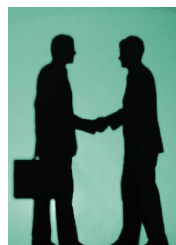
Tier 2
WindSec
Partners



Tier 3
Member States
Contributors



Structure - II



Deliverables

WP5: Support to Tech. Groups

Deliverable Number	Deliverable Title		Delivery Date	
Deliverable Number	Deliverable Title		Delivery Date	
(D1.1–D1.13)	Deliverable Number	Deliverable Title	Delivery Date	
D1.7- D1.9	D2.1	Deliverable Number	Delivery Date	
D1.10-D1.11	D2.2	Deliverable Number	Delivery Date	
D1.12	D2.3	D3.1	Delivery Date	
D1.13- D1.14	D2.4- D2.6	D3.2	Delivery Date	
	D2.7–D2.12	D3.3	Delivery Date	
		D3.4- D3.9	Delivery Date	
		D3.10- D3.11	Delivery Date	
		D4.1– D4.6	Delivery Date	
		D4.7– D4.9	Delivery Date	
		D4.10–D4.12	Delivery Date	
		D4.13–D4.14	Delivery Date	
		D5.1– D5.6	Delivery Date	
		D5.7– D5.9	Delivery Date	
		D5.10–D5.12	Delivery Date	
		D5.13– 5.15	Delivery Date	

Budget



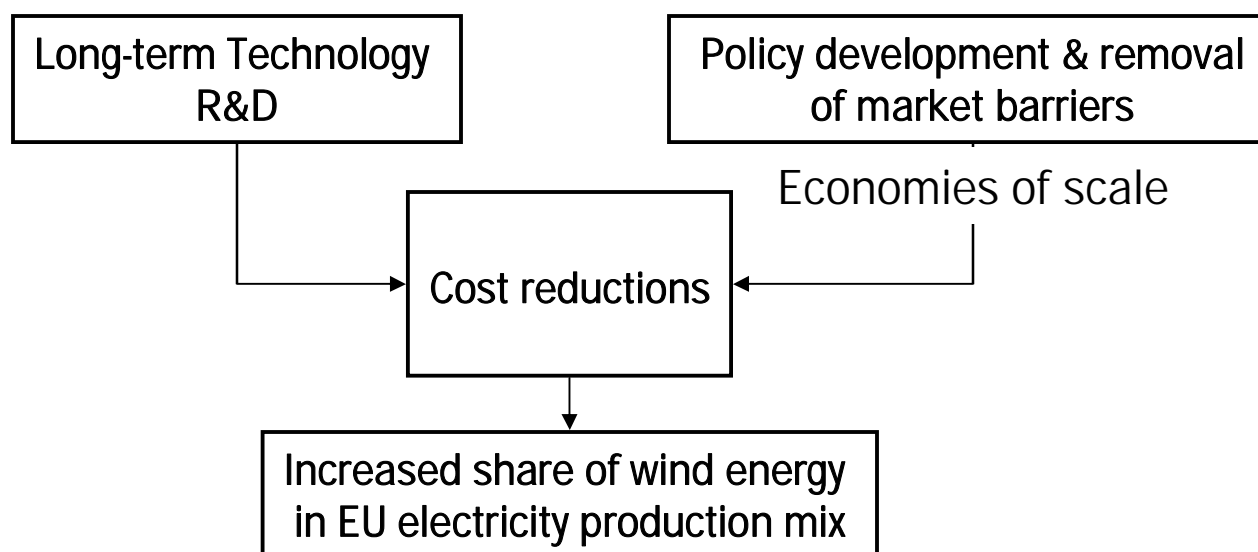
Day to day activities of Groups are obtained with no attached personnel costs

Part Three: TPWind Working Groups Proposal to the Steering Committee

Background - I

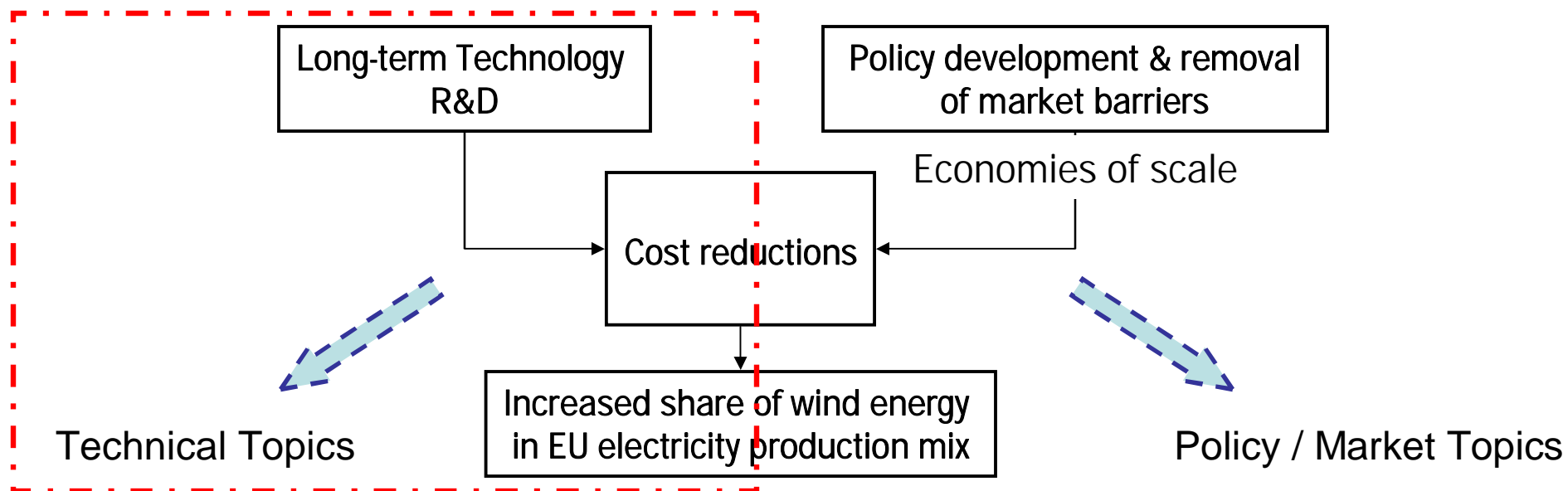
q The Steering Committee endorsed the Terms of Reference of TPWind. Objective of the Platform is then:

§ "...the primary objective being overall (social, environmental and technological) cost reductions ..."

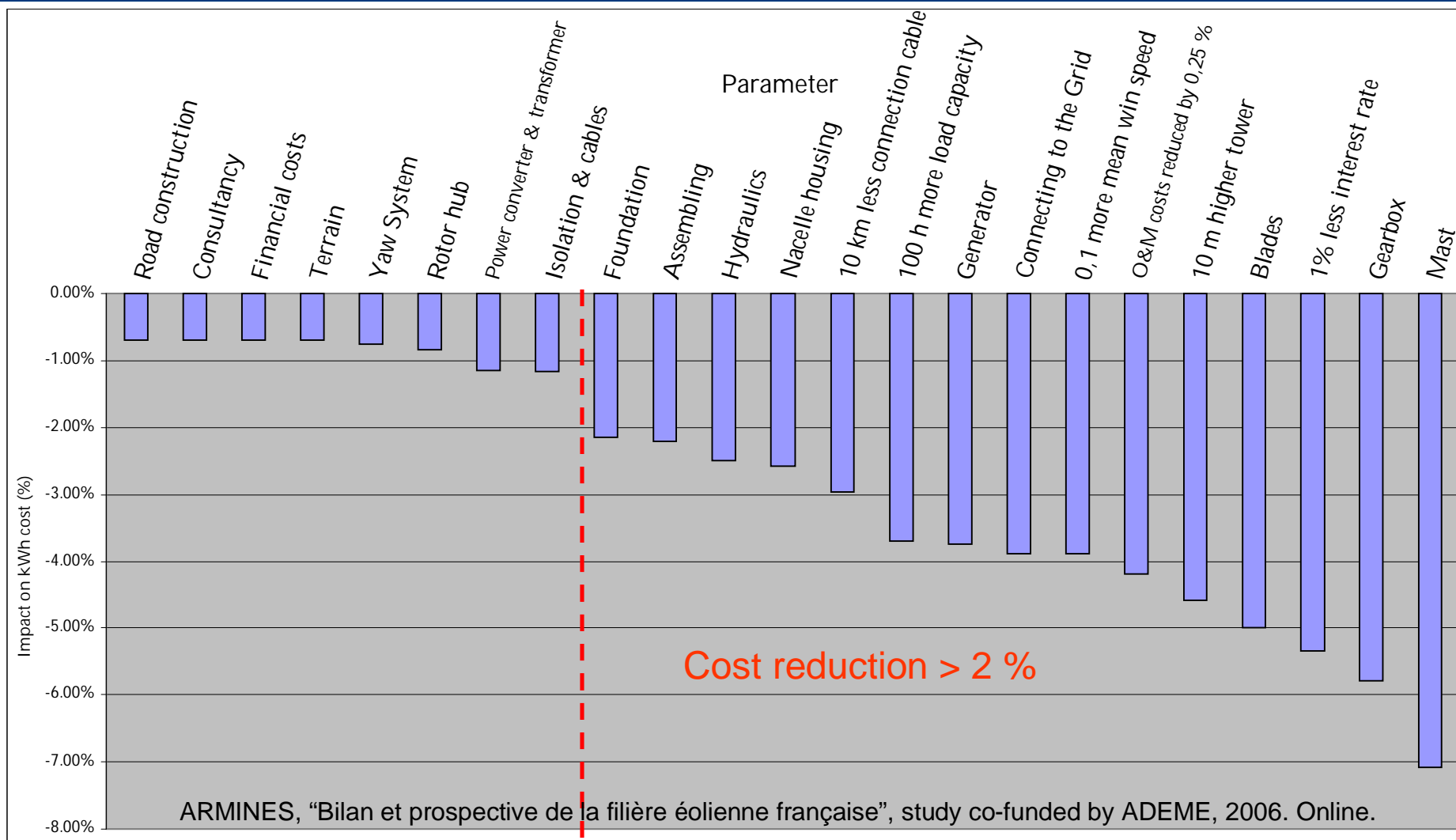


Background - II

- q SRA already exist
- q A different approach is needed: a cost-reduction based approach
- q A two-step analysis is provided



Cost impact of R&D developments

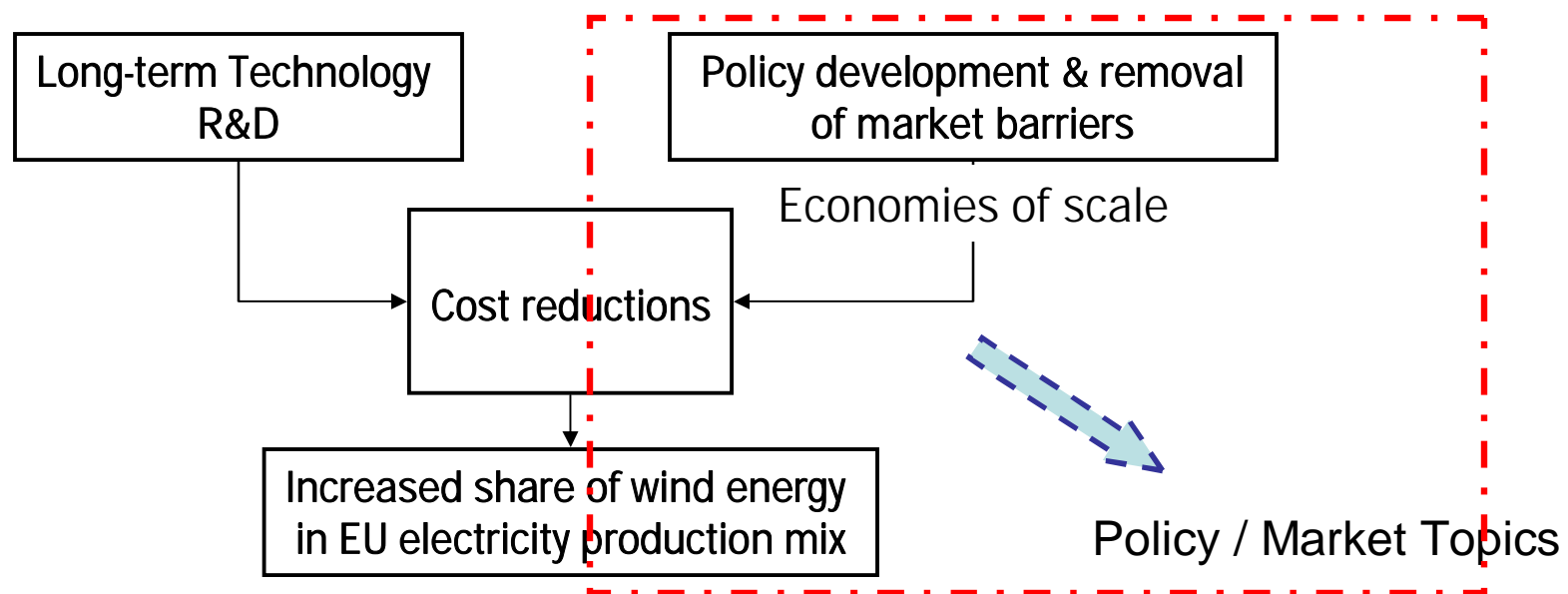


Technology Research & Development Working Groups

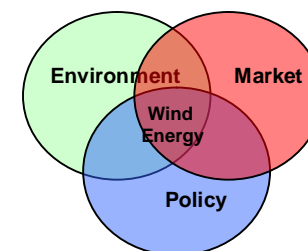
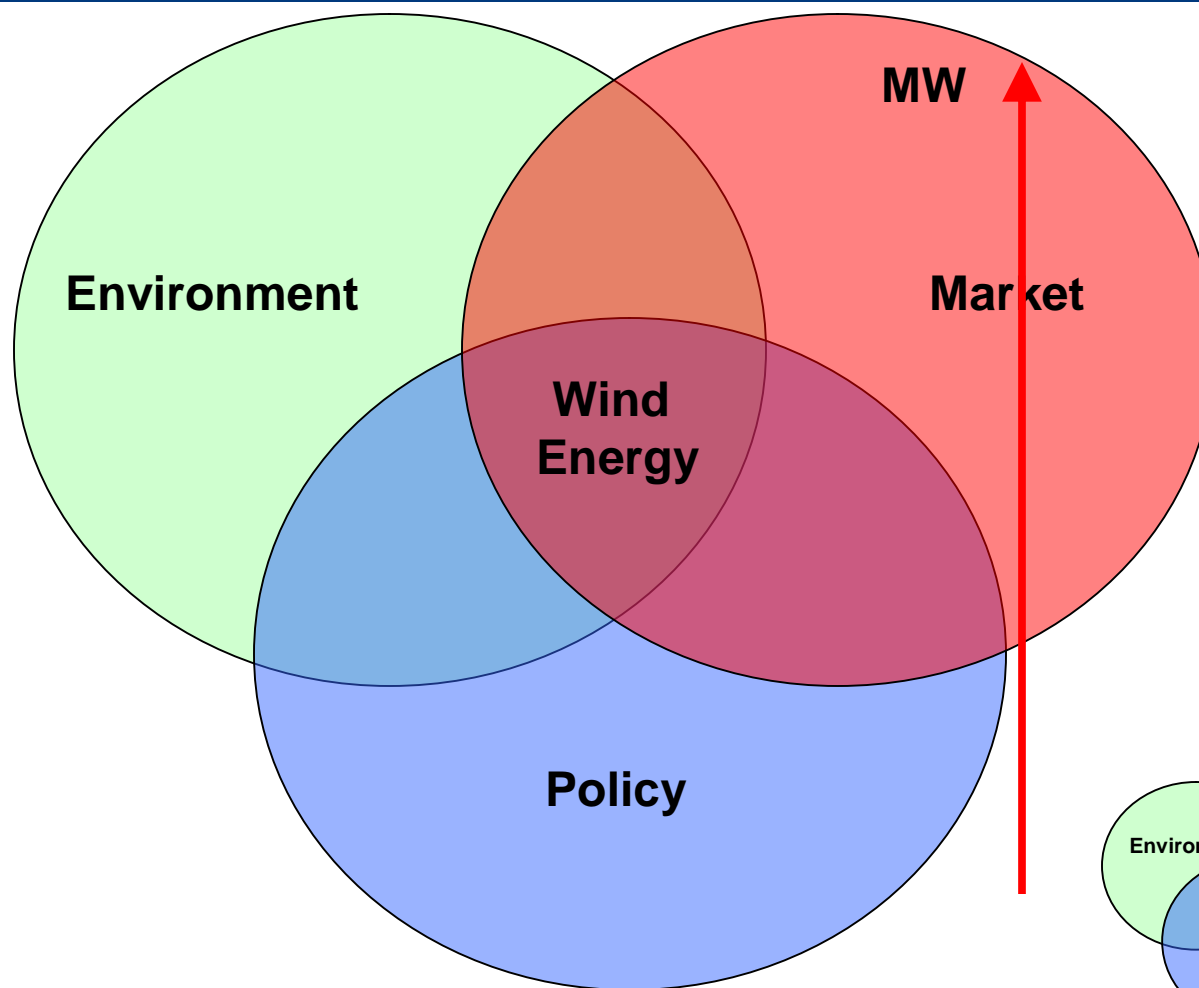
- q *Working Group 1: Wind Energy Resource*
- q *Working Group 2: Wind Turbine Technology*
- q *Working Group 3: Wind Energy Integration*

Policy development & market barriers

q Second step of the analysis



A system to be optimized



3 pillars for a coherent Market Development Strategy

q Working Group 4: Market & Economics

§ *Selling / Implementing WT*

- *Certification*
- *Payment mechanisms*
- *Supply chain optimisation*
- *Project Financing*

§ *Transporting / Selling / Consuming electricity*

- *Grid policies / grid planning / grid codes*
- *Electricity markets (certificates)*

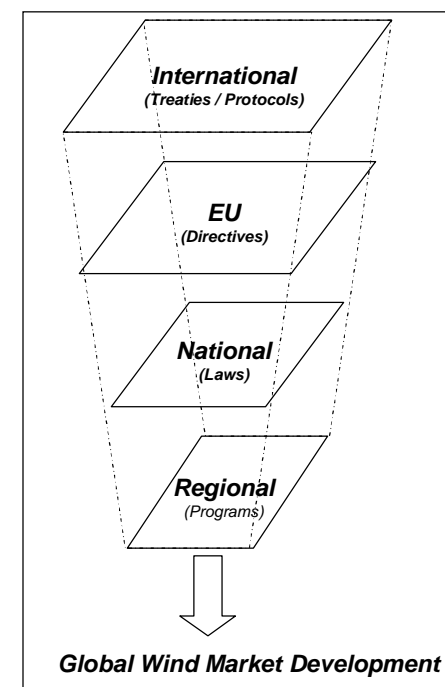
q Working Group 5: Policy & Environment

§ *Policy "downscaling"*

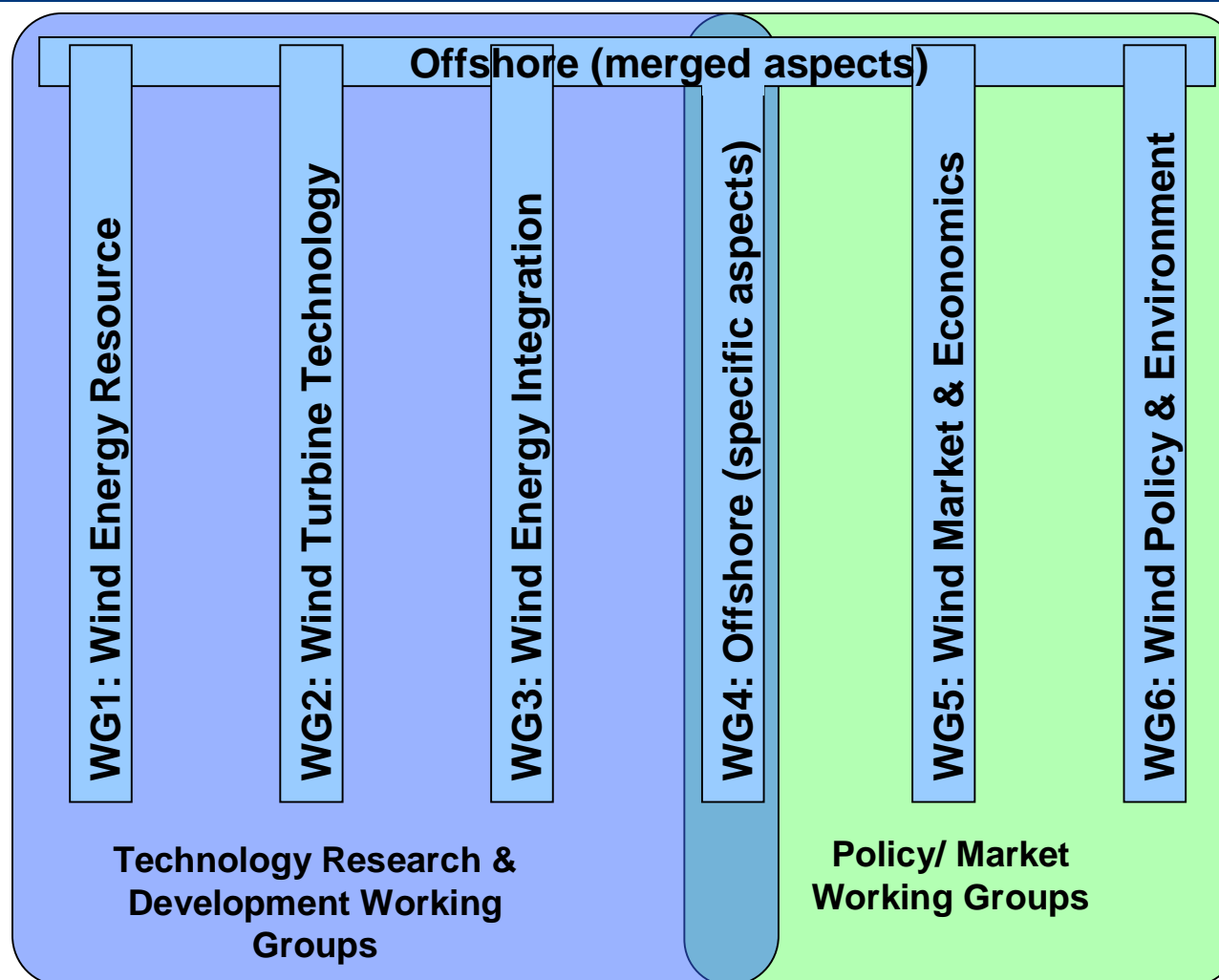
§ *EIA*

§ *Life cycle*

§ *Social acceptance*



Working Groups Structure



Selection of the members

- q Working Group proposed by the ExCo
- q Acknowledgement by the Steering Committee (SC) – 2/3 majority
- q Members: selected from a call of EoI launched by the Secretariat
 - § *Working Group: a small number (e.g. max. 20) of high-level persons willing to participate to the work*
- q Selection on objective criteria, proposed by Secretariat and to be validated by the ExCo
- q The list of selected Working Group members is proposed by the ExCo to the SC for approval

Deadline for the whole process: Aug. / Sept. for a first meeting in Oct. / Nov.

Launch EoI: June !!

Part Four: TPWind update on activities

Achievements

- q Launch of the Platform – *19 oct. 2006*
- q Selection of Steering Committee members
- q First Steering Committee meeting
 - § *Election of the ExCo*
 - § *Approval of the Terms of Reference*
- q Update of the Website
- q Second Steering Committee meeting (EWEC)

Parallel activities (April)

q Mirror Group

§ *Terms of Reference and cover letter submitted to EC*

q Finance Working Group

§ *Terms of Reference (incl. Work Program)*

§ *Automated Excell sheet for collecting the EoI*

q Other WG

§ *Template for ToR*

§ *Proposal for WG definition*

q Subcontracting for Website

q Agendas for ExCo and TPWind meetings until 2010

q Communication Plan

Activities until end of 2008: meetings

2007												
	January	February	March	April	May	June	July	August	September	October	November	December
Comments	XX	XX	XX		EWEC (7-10)	Comment 1				Comment 2	Comment 3	EOW (4-6)
Secretariat				SEC1							SEC2	
Tech. & Market WG											WG1	
Financing Group												
Mirror Group									MsmG 1			MsmG 2 (EOW)
Steering Committee			SC1		SC2 (EWEC)							SC3 (EOW)
Annual General											AG1	
Public Workshops					WS1(EWEC)							
	2008											
	January	February	March	April	May	June	July	August	September	October	November	December
Comments		Comment 4	EWEC (31-4)						Comment 4			EOW (?)
Secretariat		SEC3							SEC4			
Tech. & Market WG		WG2							WG3			
Financing Group												
Mirror Group												MsmG 3 (EOW)
Steering Committee			SC4 (EWEC)									SC5 (EOW)
Annual General		AG2							AG3			
Public Workshops			WS2 (EWEC)									
September	Progress reports		SRA & MDS updates		Newsletters							
March	Annual Reports		SRA & MDS									
Comment 1	Calls for WG launched and under process / Communication Plan approved											
Comment 2	WebPortal operational											
Comment 3	Sessions are late in 2007 to have time to finish the recruitment process for WG properly											
Comment 4	These sessions are preparation of the 6-month / annual report - beginning of the month											

Activities until end of 2008: communication

		Main activities	Website	EWEA medias	Specialized periodicals	Emails	Specialized papers	Brussels-EU papers	Newletter
2007	May	Steering Committee at EWE	update (done)	BB (done)					
	September	6-months progress report	update	Wind Direction		Newsletter			Newsletter
	September	Mirror Group Meeting	update	BB					
	November	General Assembly	update	Wind Direction					
	December	Mirror Group Meeting	update	BB					
2008	February	General Assembly	update	Wind Direction					
	March-April	Annual Report	update	Wind Direction	Article	Newsletter	Article	Article	Newsletter
	March-Apr.	Steering Committee at EWE	update	BB					
	September	18-months progress report	update	Wind Direction		Newsletter			Newsletter
	September	General Assembly	update	Wind Direction					
	December	Mirror Group Meeting	update	BB					
2009	February	General Assembly	update	Wind Direction					
	March-Apr.	Annual Report	update	Wind Direction	Article	Newsletter	Article	Article	Newsletter
	May (?)	Steering Committee at EWE	update	BB					
	September	30-months progress report	update	Wind Direction		Newsletter			Newsletter
	September	General Assembly	update	Wind Direction					
	December (EOW)	Mirror Group Meeting	update	BB					
2010	February	General Assembly	update	Wind Direction					
	March-Apr.	Annual Report	update	Wind Direction	Article	Newsletter	Article	Article	Newsletter

Communication Plan: under process
Based on Communication targets and objectives

Next steps

- q Launch calls for WG, FWoG, Mirror Group (June)
- q End calls (end of August)
- q Members Selected (Oct./Nov.)
- q General Assembly (November)

- q Steering Committee meeting 3 (December)
- q First SRA & MDS (April 08)

- q Other:
 - § First Newsletter (September)
 - § Website (October)

Contacts

Thank you for your attention



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

secretariat@windplatform.eu