



How the research community can help finance your R&D efforts

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IRPWind

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- Who form the research community?
 - Short intro EERA
- What are the main activities?
 - Medium to long-term research
- How can we help you?
- National programmes
- European programmes
- How to move forward?
- Stay informed



Who form the research community?

European R&D groups in Wind Energy at:

- Research institutes
- Knowledge centres
- Universities

Research community on wind energy is organised under the European Energy Research Alliance (EERA), Joint Programme Wind: 42 members.

Aim: align the national R&D programmes across EU



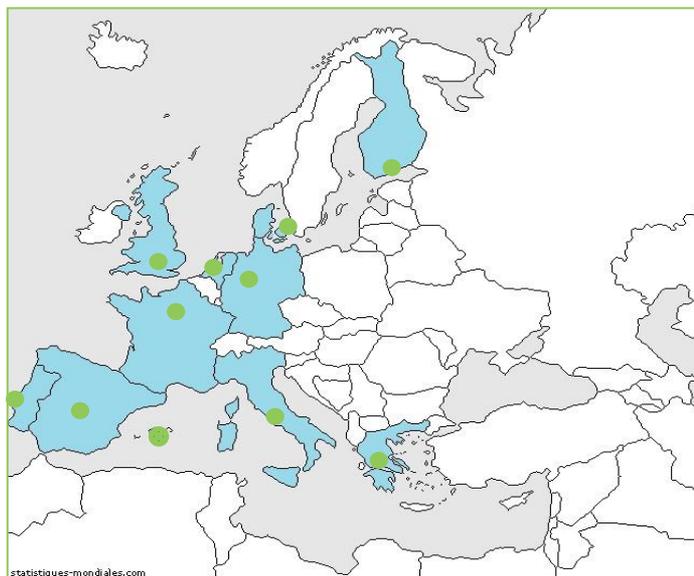
About EERA

- A public research alliance
- A cornerstone of the Strategic Energy Technology Plan (SET-Plan)
- Bringing together 250 research organisations
- Working together in 15 Joint Programmes
- Collaborating with European Industry
- With global outreach
- And aligning national research



A short history of EERA

EERA 2008



EERA founded

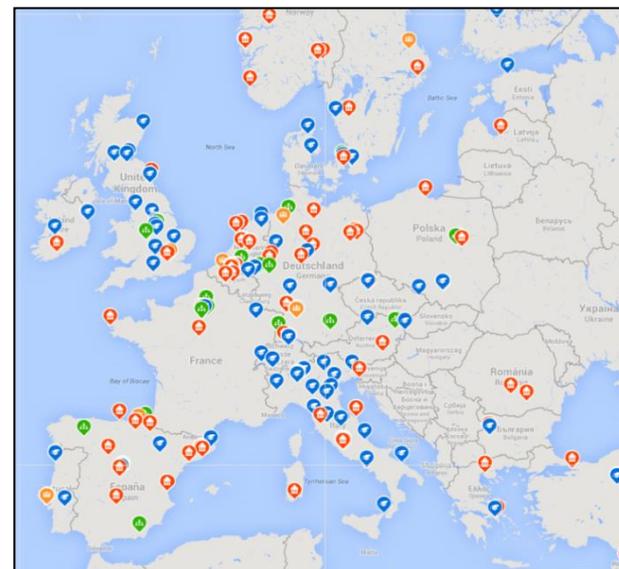
2008

First EERA JPs launched

ExCo extended to 15

2010

EERA 2014



EERA AISBL established

2012

15th EERA JP launched

2014

The EERA JPWind accelerates the SET-plan goals, provides the strategic leadership for the scientific-technical medium to long term research and provides added value through:

- Strategic leadership in underpinning research
- Joint prioritisation research and infrastructure
- Alignment European and national research
- Execution of coordinated and structured research in medium to long-term programmes
- Coordination with industry, and
- Sharing of knowledge and research infrastructure.



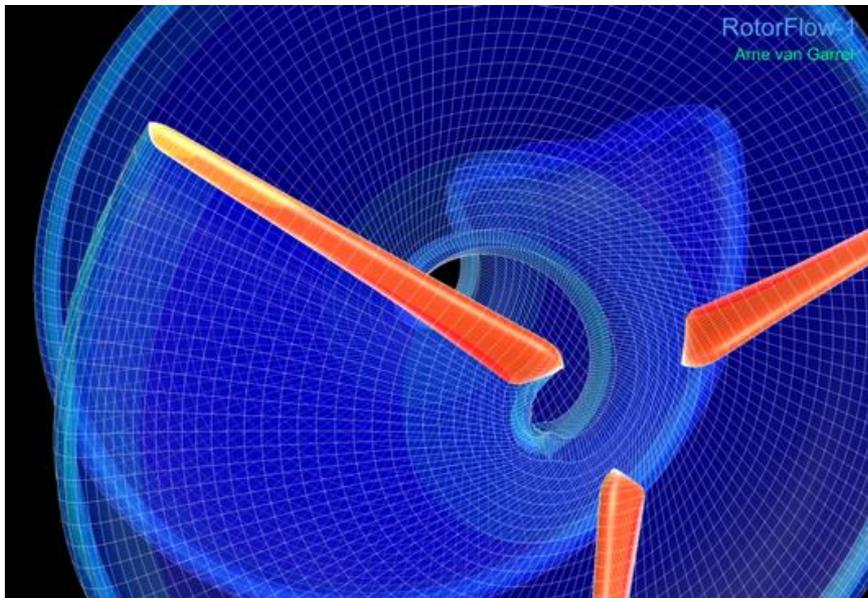
What kind of cooperation can be foreseen?

- Harmonisation of research programmes
 - Exchange of information
 - Exchange of personnel
 - Common strategy to tackle (new) research questions
 - Align knowledge of top-R&D groups
 - Avoid duplication, ensure complementary of programmes
 - Share results and build on collaborative progress
- Facilities
 - Sharing of facilities
 - Building new joint facilities
 - Owned by multiple institutes

} A breakthrough

What are the main activities?

- Medium to long term research (2-15 years)
- From applied to fundamental research
- Contributing to reduction of levelised cost of energy of wind energy



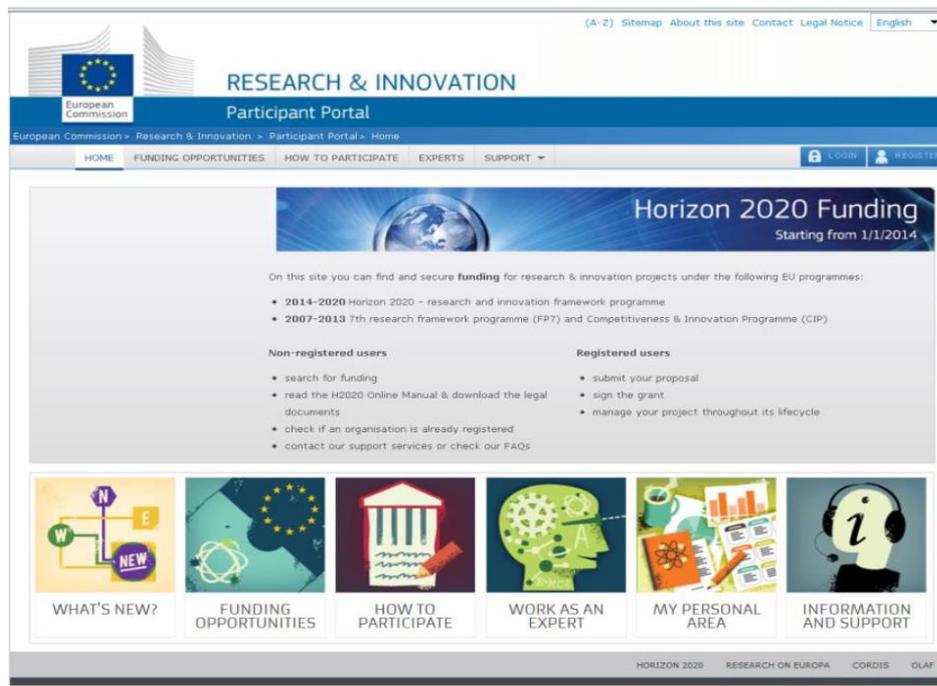
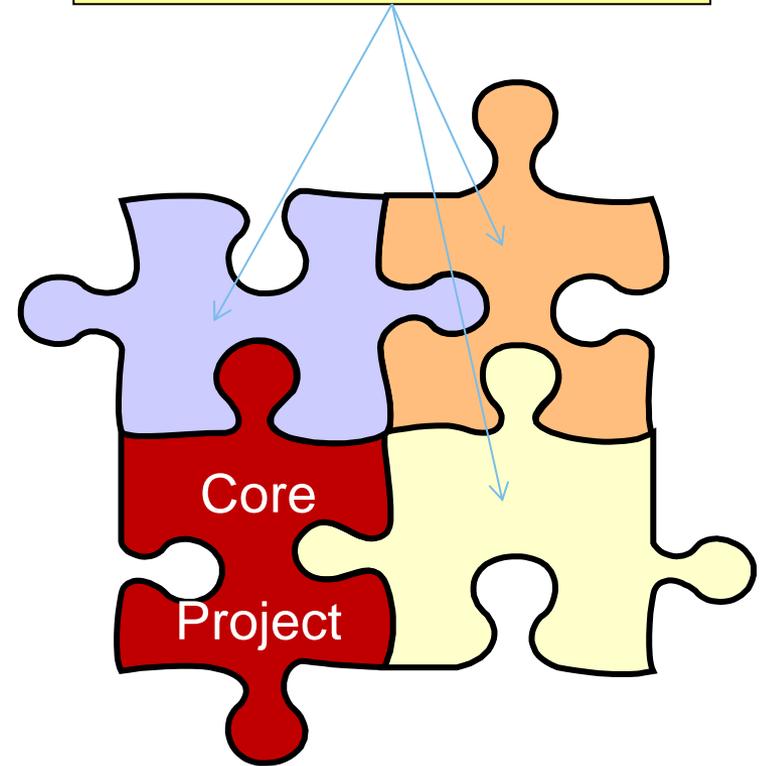
Source: <http://www.eera-avatar.eu>

Where is funding

Majority of R&D funding:

- Industry
- National projects
- EU

Nationally funded collaborative projects



A screenshot of the Horizon 2020 Participant Portal website. The page features the European Commission logo and the text 'RESEARCH & INNOVATION Participant Portal'. Below the header, there is a navigation menu with options like 'HOME', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'EXPERTS', and 'SUPPORT'. The main content area is titled 'Horizon 2020 Funding Starting from 1/1/2014' and provides information on finding and securing funding. It lists EU programmes such as '2014-2020 Horizon 2020' and '2007-2013 7th research framework programme'. The page also includes sections for 'Non-registered users' and 'Registered users' with various links and resources. At the bottom, there are six icons representing different services: 'WHAT'S NEW?', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'WORK AS AN EXPERT', 'MY PERSONAL AREA', and 'INFORMATION AND SUPPORT'.

How we help you?

- Large R&D groups with experienced, knowledgeable personnel + facilities

Material testing
WTG test sites
Electrical testing
Wind tunnels
Acoustic labs
Flow and wave basins
Component testing

- Latest overview and application of available open data
- Tap into subsidy schemes



- Prerequisites:
 - Reduce LCoE
 - Strong consortium
 - Stimulate SMEs
 - Public access to certain part of generated data
- Benefits:
 - Research community has experience with writing good proposals: *increased chance of success*
 - Same budget will get you double (or more!) the amount of research support: *access to experienced researchers*
 - For national programmes *more research at lower costs*

- EERA JPWind evolves from voluntary network towards “virtual research centre” performing an Integrated Research Programme
- Industry can approach EERA JPWind as one-stop-shop to identify the best R&D contribution to your proposal.
- EERA JPWind procedure at request:
 - Inventory of the best research groups
 - Present selected groups and proposed activities
 - Industry in lead for selection groups and guidance on project

- EERA Design Tools for Offshore Wind Farm
- European WindScanner Preparatory Phase project
- INNWIND project
- The EERA JP Wind is involved in WindTrust (led by industry)
- Integrated Research Programme (IRP) on Wind Energy
- Advanced Aerodynamic Tools on Large-Scale Rotors AVATAR
- European Wind Atlas (ERA NET+). National funding authorities apply; EERA Wind Members are key actors
- Initiated several new proposals

How to move forward?

- Identify your research requirement
- EERA: identify potential candidates
- EERA: identify European and national programmes related to wind energy; the terms and conditions
- Shape a consortium comprising industry and research groups
- Submit your proposal and have it granted

Get maximum impact on minimum funds!

**Best Value
For Money**

- Expand your network of EERA JP Wind partners
- IRPWind: www.irpwind.eu & subscribe to newsletter
- LinkedIn group “IRPWind”
- IRPWind conference 2016: September 19th & 20th