

PLATFORM ON WIND ENERGY



How innovation can deliver 450 GW of offshore wind

14 September 2020

etipwind.eu

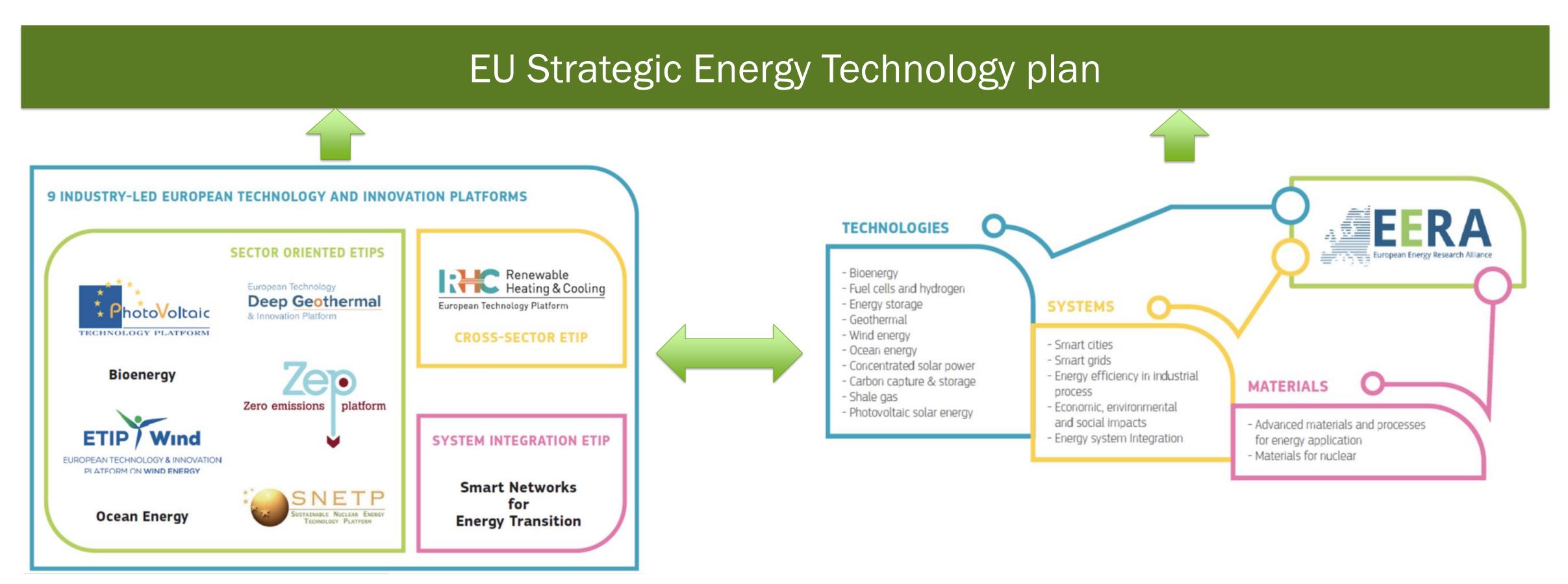


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Adrian Timbus Chair of the Executive Committee

### What are ETIPs?

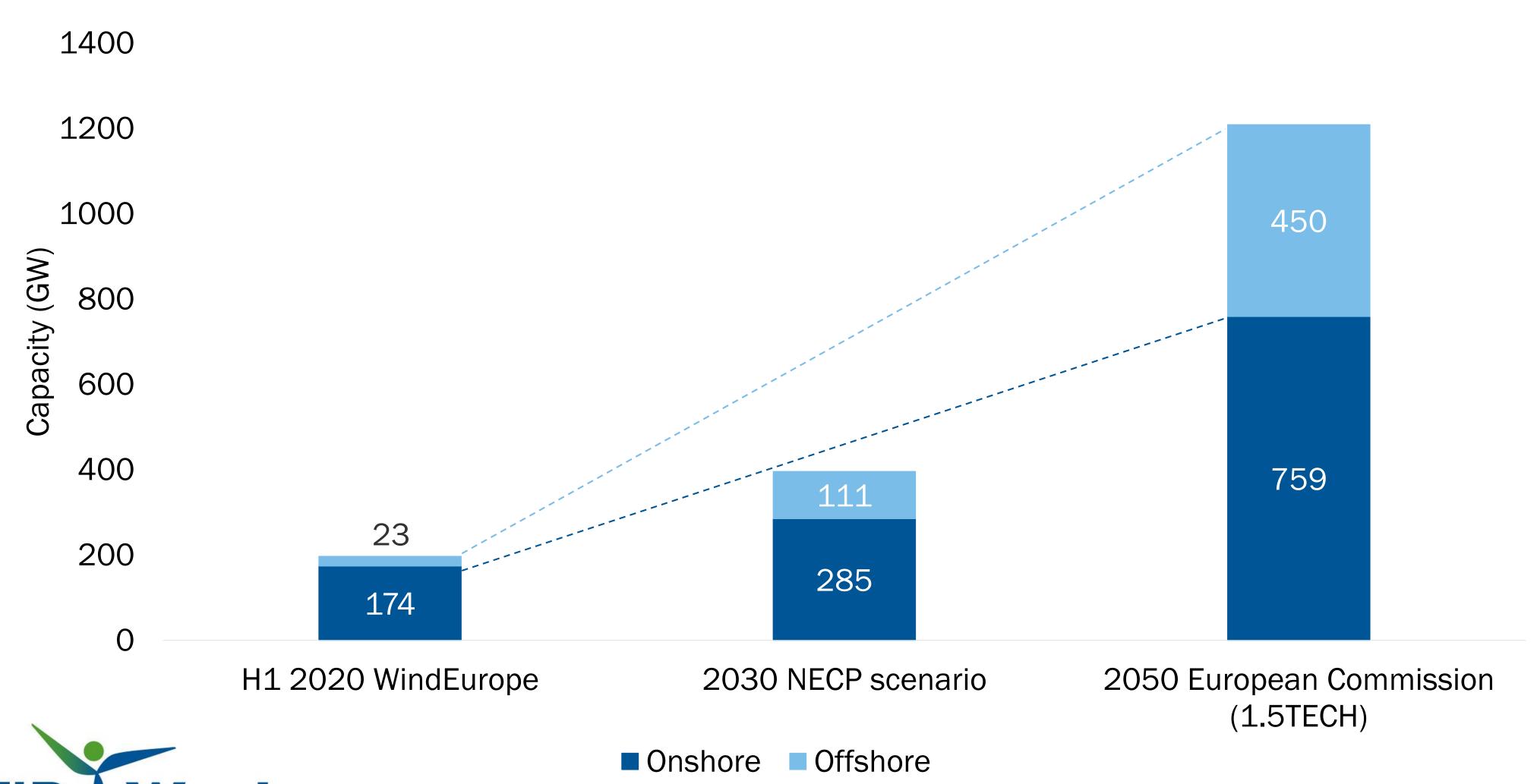


- Drive innovation, knowledge transfer and European competitiveness
- Develop research and innovation agendas and roadmaps for action at EU and national levels



### HUGE INCREASE IN WIND CAPACITY COMING

Almost 40 GW pa between 2030 and 2050

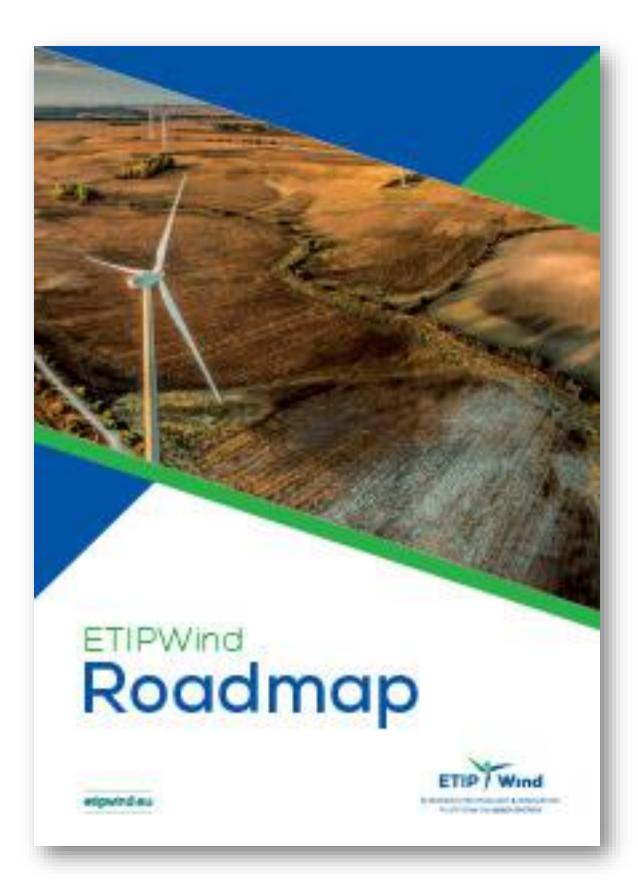




## DELIVERING CLIMATE-NEUTRALITY WITH TARGETED R&I

ETIP





#### Research & Innovation priorities 2020-2027

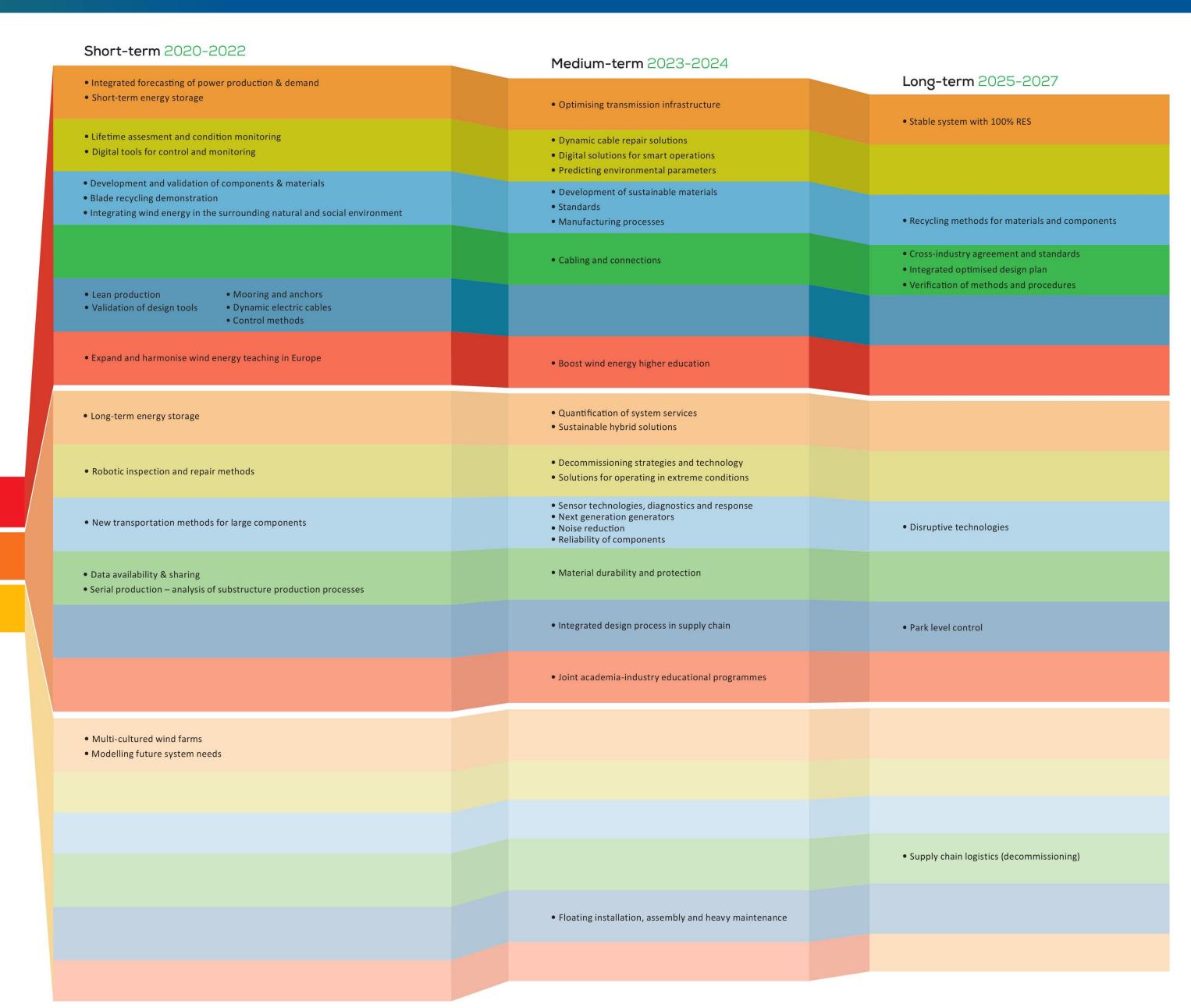
Technology Roadmap

High priority

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Medium priority

- Grid & system integration
- Operations & maintenance
- Next generation technologies
- Offshore balance of plant
- Floating offshore wind
- Skills & human resources





# Online Conference 2020

14th - 18th September









Welcome to the EERA JP Wind & SETWind annual event, organized this year in collaboration with ETIPWind.

Five days of knowledge sharing, inspiring discussions, networking and collaboration opportunities within the Wind community.

### Conference programme











	Tuesday 15th	Wednesday 16th	Thursday 17th	Friday 18th
9:00	Opening Annual Event Adrian Timbus Peter Eecen	Adel El Gammal, Clean Energy Transition in Green Recovery times	Hélène Chraye,  Head of unit for EU D1 –  "Clean Energy Transition"	David Molenaar, SGRE "Large, larger, largest?"
10:00 <b>-</b> 11:00	General Assembly; R&I agenda's Impact Covid19 CETP Peter Eecen	"Infrastructure for material and structural testing" Paul McKeever, Arno van Wingerde	"Changing wind conditions and impact to the wind turbine design"  Jake Badger, Antonio Ugarte Olarreaga	
14:00-16:00	SETWind: Creating multinational projects and lighthouse initiatives. <i>Mattias Andersson</i>	"Transforming the energy system and the impact to European citizens" Nicolaos Cutululis, Lena Kitzing	"Floating offshore wind technology"  John Olav Tande	<ol> <li>Workshop on Open and Fair Data</li> <li>"Integrating priorities on sustainability, social acceptance and economics into R&amp;I".</li> </ol>







### Conference programme















### **EERA JP Wind aims for Lighthouse Initiatives**

**Enable reliable** power system operation with large-scale offshore wind



Make floating wind cost competitive

The topics have been used for the green deal calls. Demonstration projects benefit only few companies, so that it needs to follow-up by more extensive programmes on lower TRL.







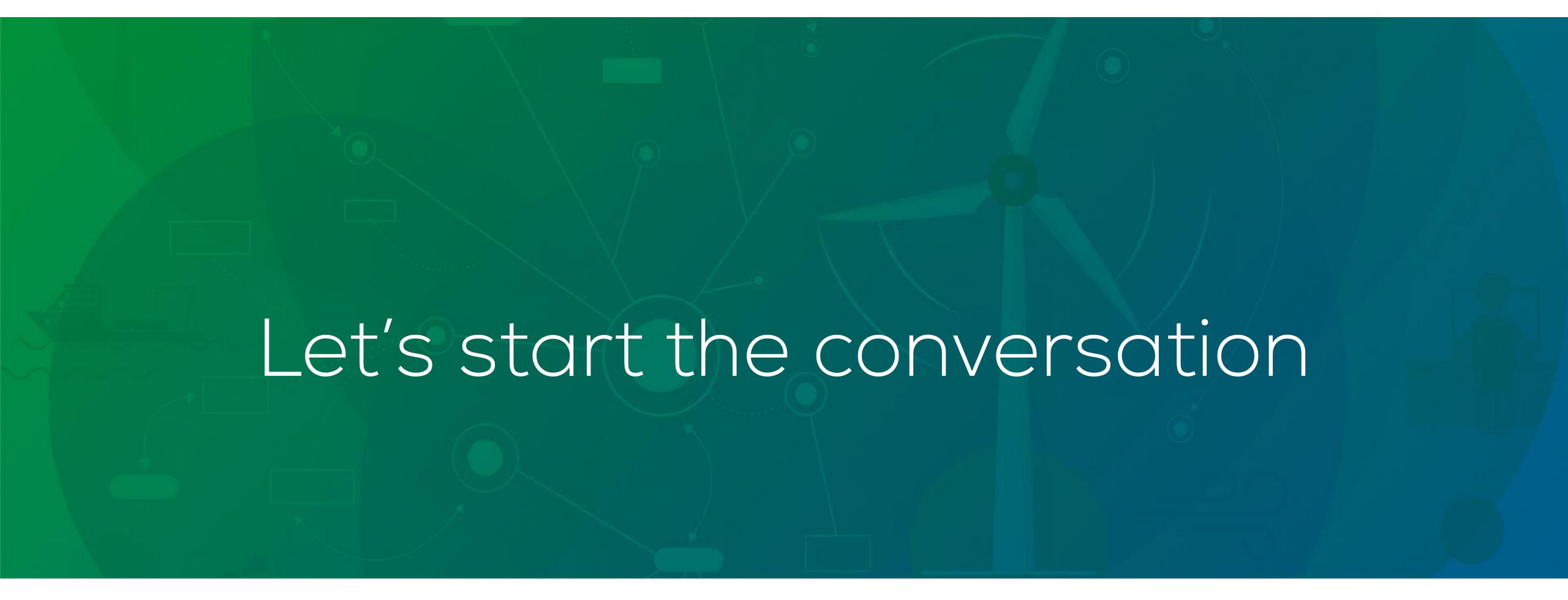
# **WORKSHOP AGENDA**

Time	Item	
14:00 - 14:10	Introduction and opening statement	
	Adrian Timbus, ETIPWind Executive Committee Chair     Peter Eecen, Coordinator EERA JP Wind	
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14:10 - 14:20	Keynote presentation	
	Ignacio Martí, Secretary, IEA Wind TCP	
14:20 - 15:00	Panel 1: Scaling-up offshore wind deployment	
	Moderator: Javier Sanz, Thematic Leader – Renewable Energies, EIT InnoEnergy	
	Aidan Cronin, Advisory Specialist, Siemens Gamesa Renewable Energy	
	André Burdet, Head of Product, Management & Marketing Grid Integration,	
	Hitachi ABB Power Grids	
	Leif Delp, Head of Floating Offshore Wind Technology, Equinor	
15:00 - 15:40	Topic 2: Providing stable and secure energy	
	Moderator: Marie Berthelot, Head of Renewables, EDF R&D UK	
	<ul> <li>Katherine Dykes, Head of Section, Loads and Control, DTU Wind Energy</li> </ul>	
	Norela Constantinescu, Manager Research & Innovation, ENTSO-E	
	Stavroula Petsa, Director, Head of Transformers & HV Components,	
	Ørsted	
15:40 - 15:55	Conclusions & Discussion	
	Moderator: Adrian Timbus, ETIPWind Executive Committee Chair	
	Javier Sanz, Thematic Leader – Renewable Energies, EIT InnoEnergy	
	Marie Berthelot, Head of Renewables, EDF R&D UK	
15:55 - 16:00	Closing statement	
	Adrian Timbus, ETIPWind Executive Committee Chair	





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