



## Economic and social aspects of wind integration - Intro to the sub-programme

**Skytte, Klaus**

*Publication date:*  
2017

*Document Version*  
Peer reviewed version

[Link back to DTU Orbit](#)

*Citation (APA):*  
Skytte, K. (Author). (2017). Economic and social aspects of wind integration - Intro to the sub-programme. Sound/Visual production (digital)

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# Economic and social aspects of wind integration

Klaus Skytte, DTU Management Engineering

## Introduction to the subprogram

EERA JP Wind, 25 September 2017

[www.eera-set.eu](http://www.eera-set.eu)



EERA is an official part of the EU SET-Plan.

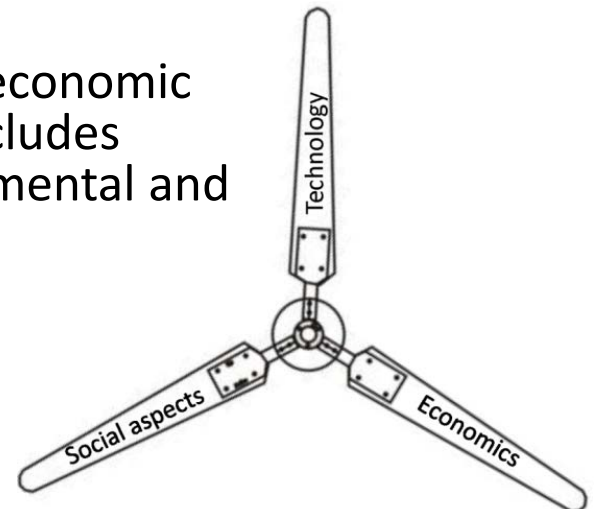
<http://setis.ec.europa.eu/>

# Objectives

Explore **major economic and social challenges for wind** energy and investigate how they can be addressed and mitigated

**Align research activities** in the area of economic and social aspects of wind integration to lay a scientific foundation for the long term cost-effective development of wind energy and its successful deployment in energy systems.

1. Supports other sub-programmes by adding an economic and social perspective into the analysis. This includes aspects relating to society, technology, environmental and economic challenges of wind integration.
2. Independent research activities.



# Core Research Themes (RT)

**RT1: Component and system costs of wind energy**

**RT2: Economic incentives and support mechanisms for wind energy**

**RT3: Adapting power markets for wind energy**

**RT4: Economic integration of wind into energy systems**

**RT5: Externalities and environmental issues of wind energy including Life Cycle Assessment (LCA)**

**RT6: Public engagement strategies for wind energy**



# Kick-off November 2014



22 participants from  
14 different EERA Wind  
member institutions



Kick-Off meeting of  
RT1, June 2015



Kick-Off meeting of  
RT6, March 2015

# ETIP Wind

## European Technology and Innovation Platforms on Wind

- Steering Committee
- **3. Industrialisation**
- 3.2. Regulatory market requirements and harmonisation
- **6. Deployment of wind energy**
- 6.1. Adapting markets and policies
- 6.3. Ensuring public engagement and acceptance

Other relations: EAWA & WindEurope



# H2020 proposals

- national initiatives
- common initiatives
- EERA jp Wind procedure

# Presentations

Sub- Programme 7 – Economic and social aspects of Wind integration½	
10.30	Sub-programme meeting, introduction - Klaus Skytte, DTU
10.40	Price based renewable energy roll-out in the North Sea region (NSON-DK) towards 2050 - Thure Traber, DTU - RT4
11.05	Regulatory frameworks to activate TSOs cooperation in international offshore wind farms projects - Claire Bergaentzlé, DTU - RT2
11.25	Assessing and promoting the societal embedding of energy innovations - Bianca Maria Poti', CNR - RT6
11.40	Mapping Actor Value Perspectives on Wind Power Projects, Kristian Borch, DTU - RT6
12.00 -13.00	Project proposal workshop, H2020 wp18-20