

# **SUPEERA workshop in the Netherlands – 20 April 2022**





## Wind energy and Energy Systems Integration. Bringing research and industry closer: accelerating innovation and uptake of new technologies.

**Date:** 20 April 2022

**Time:** 09:00 – 13:00 CEST

**Location:** Delft University of Technology, Faculty of Technology, Policy and Management, Room A1.370 (Boardroom), Jaffalaan 5, 2628 BX Delft, Netherlands

EERA through the strategic [SUPEERA project](#) supports the implementation of the SET Plan, integrating it at the same time into the broader context of the Clean Energy Transition. The project foresees several activities to facilitate the innovation and uptake by the industry. One of the adopted approaches has been an [analysis of the energy measures in the 27 National Energy and Climate Plans \(NECPs\)](#) aiming at reaching Member States' and EU's 2030 climate targets. This analysis resulted eventually in the identification of six common pathways (Wind energy, Energy System integration, Bioenergy, Energy storage, Hydrogen and Solar Power).

These common pathways will provide the basis for the recommendations on R&I priorities in support to the Clean Energy Transition goals across Europe and will serve as an input to improve cooperation between research and industry. In addition to long-term strategies and policies, the European energy research community is requested to react swiftly to unprecedented geopolitical settings with energetic priorities which are laid down in the [REPowerEU communication](#).

In this framework, SUPEERA is organising **six knowledge-generating workshops** to discuss how can R&I and industry get closer to accelerate innovation and uptake of new technologies in the selected pathways.

Following a series of introductory webinars, **the first workshop will take place in the Netherlands**, and it will discuss research-industry cooperation practices and opportunities to accelerate innovation in the wind energy and energy system integration sectors. The purpose is to **bring forward successful Dutch implementation examples** of the two selected pathways, and to **explore their replication potential towards other regions/countries** with similar priorities which would eventually trigger investments in low-carbon technologies. Part of the discussion will be dedicated to the role of the R&I in the EU strategies to respond to the current energy crisis.

## Agenda

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| 09:00 | Welcome and objectives of the workshop   |
| 09:05 | <b>Background: Presentation of two pathways: Wind &amp; Energy System Integration</b><br><i>Ivan Matejak - SUPEERA coordinator, EERA</i>   |
| 09:20 | <b>Collaboration between research and industry: best practices, barriers and replicability potential</b><br><b>The SET Plan as a tool for EU-wide collaboration on R&amp;I priorities of low-carbon technologies</b><br><i>Ivan Matejak - SUPEERA coordinator, EERA</i><br><b>EERA Joint Programme Wind Energy - Collaboration with industry</b><br><i>P.J Eecen - Coordinator JP Wind, TNO</i><br><b>EERA Joint Programme Energy System Integration – Industry participation in system integration research</b><br><i>Laurens de Vries - Coordinator JP ESI, TU Delft</i><br><b>Wind Energy Technology: The Need for Collaboration of Academia with Industry</b><br><i>Prof. Dominic von Terzi - Chair of Wind Energy Technology, TU Delft</i><br><b>Best practices and experiences from the GROW Offshore Wind consortium, a collaboration among 20 industry partners and research groups to accelerate innovations</b><br><i>David de Jager - Director GROW</i><br><b>The ETIP SNET - Industry and research together towards CETP objectives – Best practice in the ETIP SNET Roadmap and Implementation Plans</b><br><i>Maria Laura Trifiletti - ETIP SNET coordinator, Senior project manager at Zabala</i> |
| 10:50 | Panel discussion and Q&A   |
| 11:10 | Coffee break   |
| 11:25 | <b>Cross-sectorial dialogue for system solutions towards the CET objectives</b><br><b>Systemic and cross-sectorial issues pertaining to the Clean Energy Transition</b><br><i>Spyridon Pantelis - Project Manager, EERA</i><br><b>MAGPIE project - smart green ports</b><br><i>Rogier Nijssen - Scientist at TNO and Professor of Applied Sciences in Composites, Hogeschool Inholland</i><br><b>Offshore wind &amp; Ecology</b>   |

*Remment ter Hofstede - specialist coastal and marine ecosystems, Van Oord*

**Hy3 – Large-scale Hydrogen Production from Offshore Wind to Decarbonise the Dutch and German Industry**

*Durgesh Kawale - Scientist subsurface energy storage, TNO*

**Case study on integration of offshore wind in the industrial cluster in North Sea Port / Zeeland (NL)**

*Daan van Hameren - Senior Business Developer, Ørsted*

12:40 Panel discussion and Q&A

13:00 Lunch break



