



Wind Implementation Working Group

Online meeting

3 March 2023 (9:00-11:30)



Introduction

Since our last meeting:

- Communication to the SET Plan Steering Group
- Investigation for additional IWG Wind members
- Updated Terms of Reference

Objectives of the meeting today:

- Finalise the Terms of Reference
- Get a clear overview of the national funding landscapes for wind energy R&I
- Start brainstorming on the revision of the SET Plan targets for wind energy

Agenda

9:00-9:15

Welcome & Tour de Table

9:15-9:25

Presentation - the SET-Plan Implementation Working Group on High Voltage Direct Current Technologies (IWG HVDC)

9:25-9:35

Updated IWG Wind Terms of Reference

Presentation of the changes and last pending points

Presentations of the national R&I and energy funding programmes

9:35-11:05

Presentations from IWG Wind members

+ 10mn questions

11:05-11:25

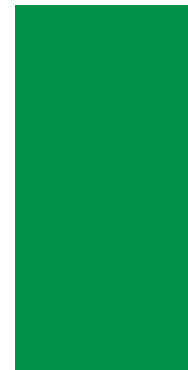
Revision of the SET Plan targets for wind energy

11:25-11:30

Conclusion and next steps

Welcome to our new member!

➤ **Claudio Lugni**, CNR, ITALY





Tour de Table





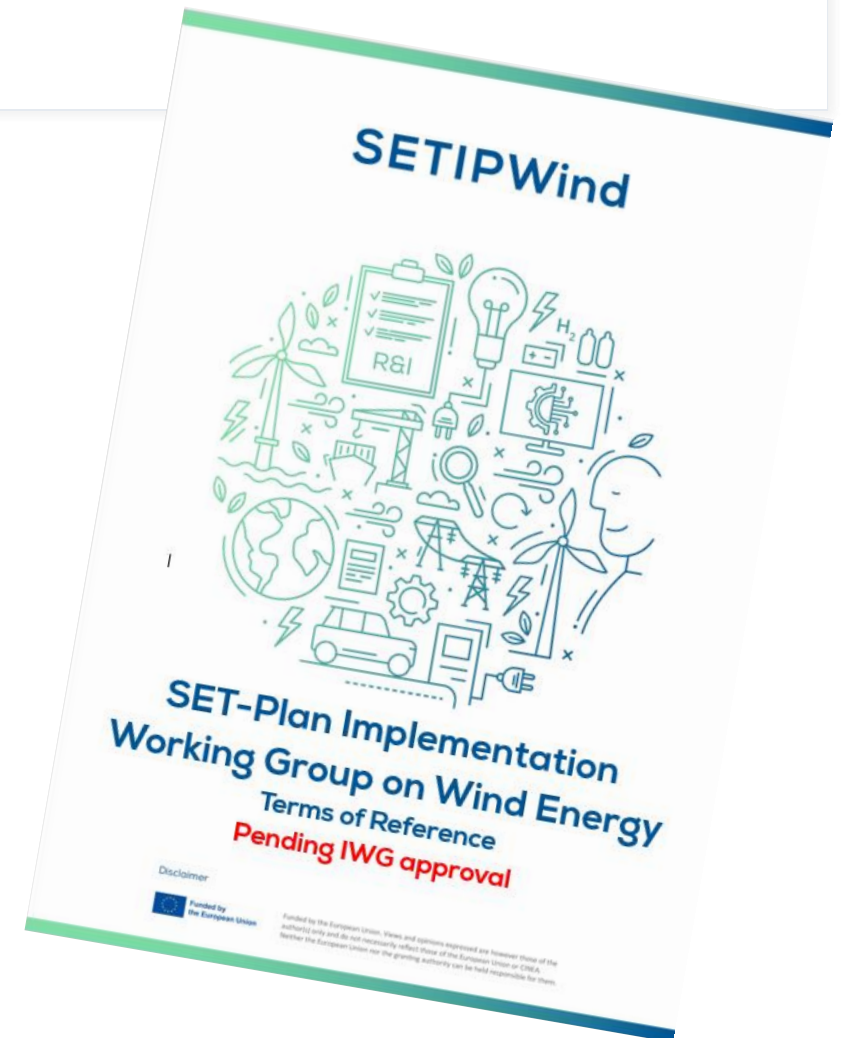
Dirk Van Hertem, Professor, KU Leuven

Implementation Working
Group on HVDC



Updated IWG Terms of Reference (ToR)

- **IWG Scope adapted** according to what was discussed during last meeting
- **IWG mission and goals refined**
- **Key points clarified:** Implementation plan and NECPs, role of the IWG Wind members, IWG composition, etc.



Presentations of the national R&I and energy funding programmes

➤ **Claudio Lugni, ITALY**

Presentations of the national R&I and energy funding programmes

➤ **Pieter-Jan Jordaens, BELGIUM**

Presentations of the national R&I and energy funding programmes

➤ **Martin Weber, GERMANY**

Presentations of the national R&I and energy funding programmes

➤ **Jimmy Murphy, IRELAND**

Presentations of the national R&I and energy funding programmes

➤ **John Olav Tande, NORWAY**

Presentations of the national R&I and energy funding programmes

➤ **Ana Andrade, PORTUGAL**

Presentations of the national R&I and energy funding programmes

➤ **Ignacio Cruz, SPAIN**

Presentations of the national R&I and energy funding programmes

➤ **Hanife Tuzcuoglu, TURKEY**

Revision of the SET Plan targets for wind energy

Strategic targets for offshore wind (defined in 2020):

- achieve 8.7 GW annual installed capacity by 2030;
- achieve 21.4 GW annual installed grid capacity by 2030;
- reach an average levelised cost of energy (LCOE) of between 35 and 45 €/MWh by 2030 for bottom-fixed offshore wind; and
- reach an average LCOE of between 62 and 106 €/MWh by 2030 for floating offshore wind.

These targets seem outdated.

Revision of the SET Plan targets for wind energy

ETIPWind flagship report, 2021:

- **Onshore wind:** In 2030 the average expected LCoE for Europe will be €33/MWh for new installations.
- **Offshore wind:** We expect an average LCoE of €48/MWh for bottom-fixed solutions in 2030. By 2050 we expect an average LCoE of €37/MWh for floating offshore wind.
- **Floating wind:** The 2030 average LCoE is expected to be €64/MWh, including grid connection. As of 2040: between €30/MWh and €50/MWh for both bottom-fixed and floating.

Should we think about non-cost-related targets?

Revision of the SET Plan targets for wind energy

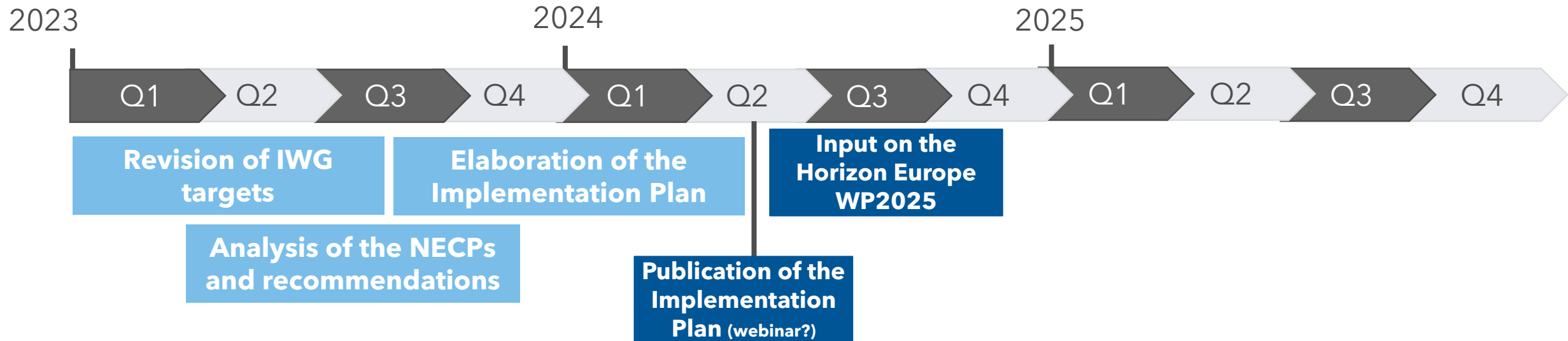
Ideas of the revision of the SET Plan targets:

- % of R&I budget dedicated to wind energy (at the EU, at the national level)?
- wind energy penetration in the grid?
- % of wind energy made in Europe (turbines, components, etc)?
- % of reused, recovered and recycled blades?
- target linked to jobs & skills?
- target linked to permits (e.g. timing to approve a permit)?

Any other ideas?

Revision of the SET Plan targets for wind energy

Next steps:



Conclusions and next steps

- The Secretariat will draft a **proposal for the revised targets** according to your input.
- The Secretariat will work on involving **additional SET-Plan countries** in the IWG Wind.
- **NECPs revision**: IWG Wind members will investigate at their national level.
- **Next IWG Wind meeting**: End of March / Beginning of April, to discuss the revision of the NECPs (possibly with ETIPWind).
- Save-the-Date for the **WindEurope's annual event in Copenhagen (25-27 April)** inc. ETIPWind meeting (on 27 April) + some opportunities to meet with the North Seas Energy Cooperation.
- Please subscribe to **newsletter** and provide us your **pictures** + content for **social media!**

Wind Implementation
Working Group

Thank you!

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