

NATIONAL ENERGY & CLIMATE PLANS

The role of Research & Innovation in delivering a competitive wind energy supply chain “made in Europe”.

The National Energy & Climate Plans (NECPs) are a key instrument in delivering the EU’s climate & energy objectives. The recently agreed EU’s renewable energy target of 42.5% by 2030, make it even more crucial for Member States to define supportive policies for renewables in their NECPs.

As President von der Leyen pointed out in her State of the Union address in September 2023, wind energy must continue to be “made in Europe”. Under the revised SET Plan, Member States have recently agreed on six new targets for wind energy where R&I will support wind energy development in Europe.

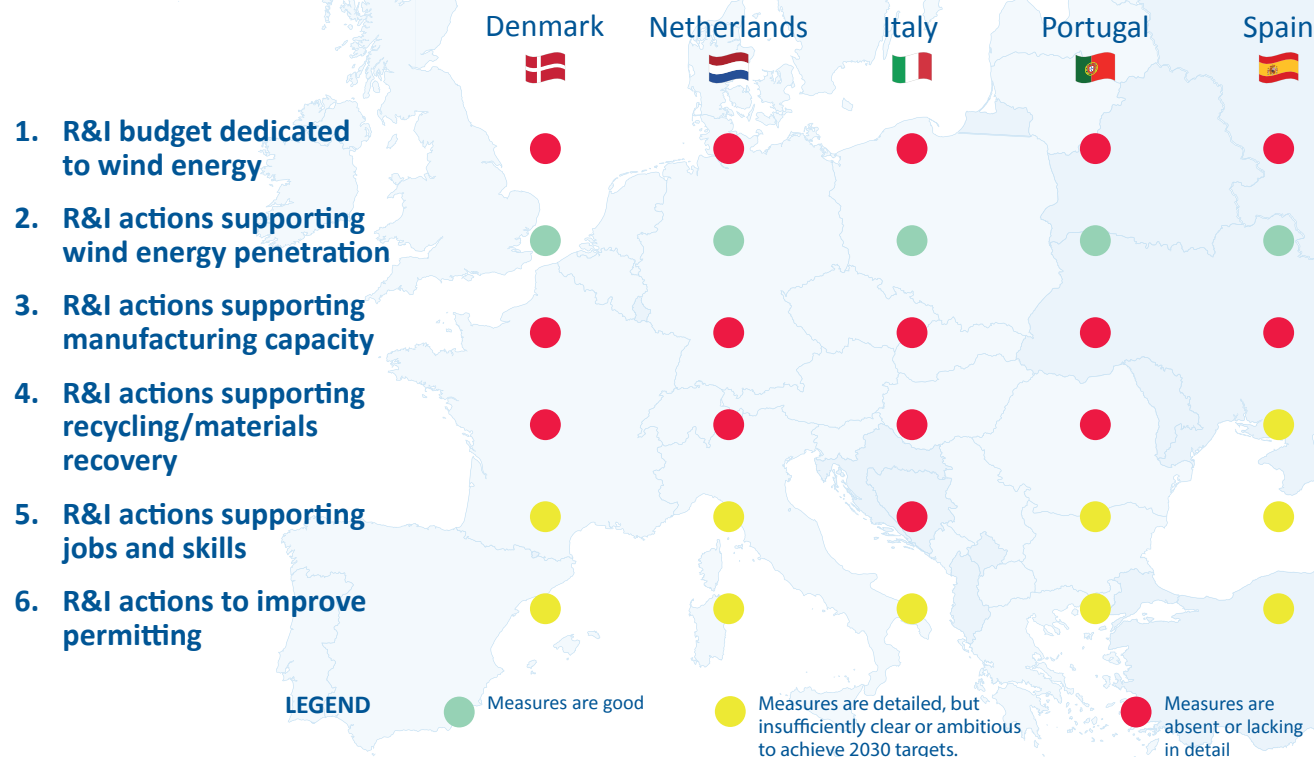
As of September 2023, 15 out of the 27 NECPs have been published. ETIPWind has analysed 5 countries’ NECPs. And it has found significant shortcomings in national R&I policies.

SET Plan targets for wind energy:

In June 2023 the SET Plan Implementation Working Group on wind energy put forward six targets to better align and coordinate R&I actions among EU Member States:

1. **At least a 3% increase in national R&I funding dedicated to wind energy.**
2. **At least a 0.5 percentage points increase per year of wind energy penetration in electricity demand at a European level.**
3. **At least 2 GW of wind manufacturing capacity added per year at a European level.**
4. **An R&D budget dedicated to materials recovery technology - including recycling and critical raw materials.**
5. **At least 100,000 workers trained at an EU level by 2025.**
6. **One research project on average per year enabling faster permitting for wind energy projects.**

R&I policies supporting wind energy in the NECPs



Joint recommendations from renewable ETIPs:

In September 2023 9 ETIPs (ETIP Batteries, ETIP Bioenergy, ETIP Geothermal, ETIP Hydropower, ETIP Ocean, ETIP Photovoltaics, ETIP Renewable Heating and Cooling, ETIP SNET, ETIPWind) defined a list of shared recommendations aimed at improving the policy measures laid out in the plans regarding renewables. ETIPWind also encourages Member States to consider the following recommendations:

- Setting a dedicated R&I budget in the NECPs to secure in the EU's technology leadership in renewables.
- Strengthening Europe's clean energy supply chains through the development of clean energy manufacturing.
- Supporting the development of a skilled workforce.
- Simplifying permitting processes to accelerate deployments and cost reduction.
- Accelerating the deployment and the optimisation of the European grid.
- Developing and harmonising policy measures to facilitate renewable energy data access.



For more information, please read the full ETIPs' joint recommendations [here](#) or scan this QR-code

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