



Press Releases for IEA Wind 2019 Annual Report

IEA Wind TCP 2019 Annual Report - Highlights from the IEA Wind TCP global network advancing wind energy development

Milan, December 2020 - The **IEA Wind TCP 2019 Annual Report** (ISBN: 978-87-93549-78-4) highlights the work of the cooperative research Tasks, as well as the research and deployment activities of the member countries and sponsor organizations.

In 2019, **60.5 GW** of new wind power capacity were installed worldwide and wind-generated electricity met **5.9% of the world's electricity demand**. Wind power system performance and reliability continued to improve throughout the year, and costs proved even more competitive with record low tenders during the year. Nearly **84% of the total worldwide wind power capacity (650 GW)**, and nearly all offshore capacity, currently resides in the **22 countries** participating in the International Energy Agency Wind Technology Collaboration Programme (IEA Wind TCP).

In 2019, new installed wind power capacity in Italy totaled **457 MW**. Cumulative installed capacity at the end of the year reached 10.5 GW. Wind-generated electricity was 20.1 TWh corresponding to about 6.3 % of total demand.

The overview chapter of the IEA Wind TCP 2019 Annual Report provides an **extensive summary** of how member countries benefit from wind energy, how much wind power generation each country has deployed, and how policies and research programs increase wind power's contribution to the world energy supply.

The **IEA Wind TCP** is a global network of researchers and policy experts focused on sharing the latest technology research and best practices to advance wind energy deployment. Participants include **member countries and sponsor organizations** across Europe, North America, and Asia. Laura Serri from RSE and Luca Greco from CNR are the Italian members in the Executive Committee. Researchers and policy experts lead and participate in **18 research Tasks**, addressing specific issues related to wind energy development. These Tasks explore a variety of topics, including offshore wind deployment, component design and testing, the environmental impacts and cost of wind energy, social acceptance of wind energy, and systems engineering and aerodynamic modeling.

The full report is available for free download at <https://community.ieawind.org/publications/ar> .

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