

European Offshore Wind Declaration

Oceans of opportunity: Harnessing Europe's largest domestic energy resource

Recognising that over 100 GW of offshore wind projects are planned in Europe.

Recognising that by 2030 it is predicted that there will be a total installed capacity of 150 GW of offshore wind power producing over 550 TWh of electricity, meeting 13-17% of EU electricity demand and avoiding 290 Mt of CO₂ annually.

Recognising that by 2030 it is predicted that there will be more than 13 GW installed and €16.5 billion invested per year.

We, the undersigned, pledge to:

Ensure that a sufficient number of suitable, reliable and cost-efficient offshore **turbines**, together with a sufficient number of reliable wind turbine **components**, are available to be installed.

Ensure that a sufficient number of **foundations** are available to be installed.

Ensure that a sufficient number of **installation vessels** and cranes are available to install the turbines and foundations.

Ensure that a sufficient number of **cable laying vessels** are available to lay the necessary grid infrastructure.

Ensure that sufficient **High Voltage DC VSC electricity transmission technology** is developed, improved and delivered to build the transnational offshore grid in an optimal and timely manner.

Ensure **RD&D** efforts and investment in skills and training are expanded to deliver offshore technologies, manufacturing and installation processes to support offshore growth and meet the European Wind Initiative's goal of making offshore wind the most competitive energy source on the market in 2030.

We, the undersigned, call on:

The **European Commission** to publish its **Blueprint for a North Sea Grid**⁽⁴⁾ (or North West Europe Offshore Grid) outlining an Action Plan to ensure a European Offshore Grid building on the 11 offshore grids currently operating and 21 offshore grids being considered in the North and Baltic Seas is financed, built and operated. This will supply affordable electricity to Europe, reduce import dependence, cut CO₂ emissions, allow Europe to access its largest domestic energy source and create a truly pan-European electricity super highway.

⁽⁴⁾ Together with its **Baltic Interconnection Plan** and **Mediterranean Energy Ring**.

The **European Commission** to publish its **EU Energy Security and Infrastructure Instrument** focused on developing and building an offshore and onshore European electricity grid that integrates large quantities of wind power. It must also provide adequate financing, and improved coordination and harmonisation of authorisation procedures.

The **European Commission** to publish its **Communication on Financing Low Carbon Technologies** outlining sufficient budgetary support for innovation that the offshore wind industry can operate 150 GW of offshore wind power in 2030.

The **European Commission** to publish its **Market Integration Roadmap** ensuring that the National Regulatory Authorities and European Network of Transmission System Operators implement electricity market rules which facilitate the integration of large quantities of offshore wind power.

The **European Network of Transmission System Operators** (ENTSO-E) to publish a **10 Year Network Development Plan** capable of integrating 40 GW of offshore wind power in 2020 with a view to reaching 150 GW by 2030 by developing a pan-European offshore grid and the necessary onshore infrastructure.

The **Member States**, through their **National Renewable Energy Action Plans**, to provide efficient legislative frameworks to enable offshore wind deployment, to streamline permitting procedures and to aim to implement one-stop-shop approaches so as to build a new multi-billion euro European industry, deliver thousands of jobs and a new renewable energy economy, and establish Europe as world leader in offshore wind power technology.

The **Member States** to improve cross-border cooperation on **maritime spatial planning** with the aim of developing offshore renewable sources of energy.

The **National Regulatory Authorities** (NRAs) to remove **barriers** that prevent wind generators accessing the electricity network.

The **European Investment Bank** to significantly increase its support by stepping up its **financing** of offshore wind farm projects and offshore electricity grids.

Initially signed by:



Arthouros Zervos
EWEA President



Christian Kjaer
EWEA Chief Executive

And the following leading wind power companies:



Show your support for European offshore wind
Sign the declaration today: www.ewea.org/offshore