



Danish Ministry of Climate,
Energy and Utilities



Global Offshore Wind Alliance Call to Action

The climate crisis requires immediate action and the pursuit of emission pathways that are aligned with the achievement of the long-term temperature goal of the Paris Agreement. Offshore wind has enormous untapped potential to drive the global energy transition.

According to forecasts by the IEA and IRENA, 2,000 GW of installed offshore wind capacity will be needed by 2050 in order to keep the goal of limiting the increase in global temperatures to 1.5°C within reach and achieve net zero by 2050. According to a World Bank analysis based on The Global Wind Atlas, there are over 71,000 GW of technically extractable offshore wind resources worldwide. Nonetheless, global installed offshore wind capacity was only 57 GW in 2021.

Offshore wind will be instrumental for accelerating a sustainable energy transition and has the potential to become a catalyst for a society-wide decarbonisation, including the development and upscaling of innovative zero-carbon solutions such as green hydrogen and power-to-X that can drive the transition in transport and the hard-to-abate sectors. Additionally, large-scale offshore wind deployment can help countries and regions improve their energy security and reduce their reliance on fossil fuel imports.

The offshore wind value chain can generate new green jobs and be a cornerstone in promoting a just energy transition that leaves no-one behind while also delivering co-benefits such as reduced air pollution and improved public health resulting from the shift away from fossil fuels for energy production and consumption.

As members of the Global Offshore Wind Alliance (GOWA), we believe that offshore wind must become a major contributor to the energy transition and to the promotion of affordable, accessible, and reliable energy for all enshrined in the 2030 Agenda for Sustainable Development. Offshore wind is critical for meeting global climate goals, including limiting global temperature consistent with the Paris Agreement and the Glasgow Climate Pact. For many countries, offshore wind provides opportunities for implementing and achieving nationally determined contributions aligned with these goals.

GOWA's objective is to act as a global driving force for an ambitious uptake of offshore wind and contribute to achieving a total offshore wind capacity of a minimum of 380 GW by 2030 and an installed capacity increase of at least 70 GW per year from 2030.

Therefore, as members of GOWA:

- We will form a global multi-stakeholder community of practice, collaborating to drive national, regional, and global ambitions and remove barriers to the deployment of offshore wind in new and existing markets.
- We will make individual commitments on how to contribute to GOWA's objectives, be it as governments, investors, financial institutions, project developers, technology providers, off-takers, international organisations, knowledge institutions, or civil society organisations.

We invite governments, public and private sector actors, as well as other non-state actors, to join us in this effort.