

## Taking us to Net Zero carbon – a commitment to climate action from the UK energy industry

Britain's energy system has a strong track record of delivery and innovation. Our wealth of natural resources has made the UK a world-leader in energy technology and products since the industrial revolution. Now, once again, UK firms are leading the way in the technologies and solutions needed for the transformation of our economy and society.

Whether deploying offshore wind and hydrogen, integrating generation, electric vehicle charging and batteries into smart grids, developing carbon capture and storage, or decarbonising heating – it is UK business which is leading the way.

The Prime Minister has given a very clear direction that the economic recovery from Covid-19 is to be as green as possible and more broadly the Government's ambition around COP26 and Net Zero is clear. This is in part thanks to a political consensus for action on climate change across all the nations of the UK which has been central to driving progressive and robust policies for action on climate change.

As the transition to Net Zero progresses, government and industry must get the right technologies in the right place at the right time to continue to ramp-up renewables and decarbonise the 'difficult to reach' sectors like heat, heavy transport, and industry. To this end and to fulfil our climate commitments, the UK Government must deliver:

- Strategic investment ahead of need in least-risk technologies and infrastructure.
- Clear, ambitious targets for the full breadth of renewable technologies, with a robust framework for delivery – 40GW offshore wind, 40GW of solar, 30GW of onshore wind, 2GW of floating wind, 5GW of green hydrogen electrolyser capacity, and 1GW of marine energy. Along with a clear plan to restore nuclear capacity at least to existing levels.
- A Just Transition Strategy which brings together schemes like The North Sea Transition Deal to maximise the employment opportunities of Net Zero.
- A Heat and Buildings Strategy which empowers customers and makes the most of all the tools at our disposal, delivering market certainty and customer choice over technologies like heat-pumps and hydrogen-ready boilers which can be rolled out through the 2020s.
- A regulator with a clear mandate for action on climate change, supporting decarbonisation across the value chain.
- A UK Net Zero Strategy that focuses on delivery from key sectors throughout the 2020s.

The next ten years is a short period of time to deliver the infrastructure and innovation needed to hit our 2030 targets. Collectively, our members have been working hard throughout the pandemic to keep Britain's energy flowing and have continued their vital role in maintaining critical national infrastructure. While the global pandemic is ongoing, we have continued to innovate and work to unlock Net Zero and will now play a pivotal role in driving a green recovery across all parts of the UK.

Levelling up and hitting Net Zero remain top priorities for the Government which we and our members are uniquely placed to deliver. With our unparalleled geographic footprint, and our central role in the UK's action on climate change we are ready to work with UK, Scottish, Welsh, and Northern Irish Governments to make sure that in the year of COP, the UK fully delivers in both words and actions and encourages increased ambition from the rest of the world.

## Signatories

