

About the project partners



SSE, headquartered in Perth, Scotland, is the leading generator of renewable electricity in the UK and Ireland, with over 10,000 employees.



Equinor, headquartered in Stavanger, Norway, is an energy company present in more than 30 countries worldwide, with over 21,000 employees.



Developing world-leading low-carbon infrastructure





Peterhead Carbon Capture Power Station



Dogger Bank
Offshore Wind Farm



Aldbrough Hydrogen Storage



Keadby Carbon Capture and Hydrogen Power Stations



Peterhead Power Station

- First became operational in 1982 as an oil-fired power station.
- Situated in Aberdeenshire on the North-East coast of Scotland.
- Major repowering project in the 2000s to convert it into an efficient gas-fired power station.
- Largest power station of its kind in Scotland, playing a critical role in keeping the lights on and providing flexibility to the grid.
- Equinor main importer of gas to the UK and longstanding partnership with SSE





Peterhead Carbon Capture Power Station



- A new 900MW power station fitted with carbon capture technology to remove CO2 from its emissions
- Combining SSE's expertise in power generation with Equinor's expertise in CCS.
- Connecting into the well-advanced
 Acorn CO₂ transport and storage
 infrastructure
- Capturing around 1.5MT of CO2
 annually 15% of the UK Government's
 2030 target

