



Oil & Gas

The UK's oil and gas platforms are like small floating towns at sea – with kitchens, gyms, and even cinemas!

Over 75% of the UK's total energy currently comes from oil and gas.



Offshore Wind

The world's largest offshore wind farm, Hornsea 2, is in the UK – it can power over 1.4 million homes.

Offshore wind turbines are taller than Big Ben!



Carbon Capture (CCUS)

CCUS traps carbon dioxide before it reaches the atmosphere and stores it deep underground

The UK's North Sea rock formations can store billions of tonnes of CO₂.



Hydrogen

Hydrogen can be used to fuel buses, trains, and even planes – with only water as the waste product.



The UK's testing hydrogen-

-powered homes to heat and cook without fossil fuels.

WHY IT MATTERS

Offshore energy helps keep the UK's lights on, homes warm, and businesses running – while we move towards a cleaner, greener future. Your design could help inspire others to learn more!