

GREEN HYDROGEN HUB



1. Hydrogen

The Freeport East Green Hydrogen Hub covers up to 1GW of hydrogen production.

2. Nuclear

Nuclear energy capacity at Sizewell B and then Sizewell C offers a key production opportunity.

3. Offshore Wind

Offshore windfarms nearby offer a unique capability for large-scale green hydrogen production.

4. Greener Maritime

Hydrogen applications including clean fuels for maritime and aviation sectors clustered around Felixstowe and Harwich ports.

5. Zero Emission Vehicles

Enabling at-scale trials of multiple innovative low-carbon initiatives centred around hydrogen and emerging applications.

6. Innovation

Supporting a clustering of hydrogen powered vehicles across the eastern region including in the logistics, agriculture, construction and public transport sectors.

FREEPORT EAST
FELIXSTOWE GATEWAY 14 HARWICH

A GLOBAL FREEPORT FOR A GLOBAL BRITAIN



With the UK's largest resource of offshore wind and other renewables on our doorstep and extensive demand for green fuels in the transportation sector, green hydrogen is a significant economic and employment opportunity for Freeport East. It is also a key way we can support decarbonisation in the UK and further afield.

- Greener fuels for the future
- Local demand for aviation & maritime fuels
- Investment site availability
- 500MW of new grid capacity planned
- International connectivity
- Supportive innovation ecosystem