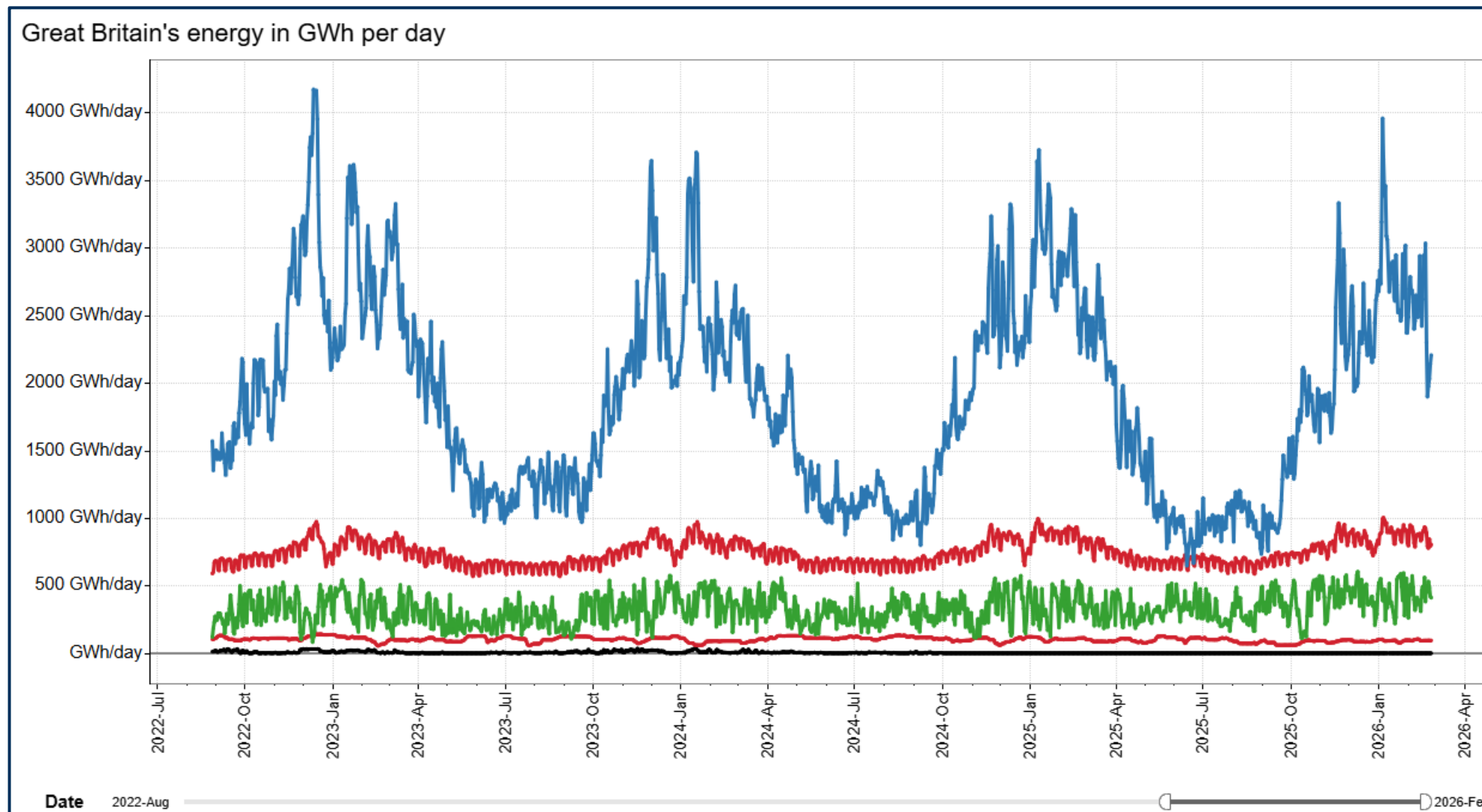




**Hydrogen -
Completing the clean energy system**

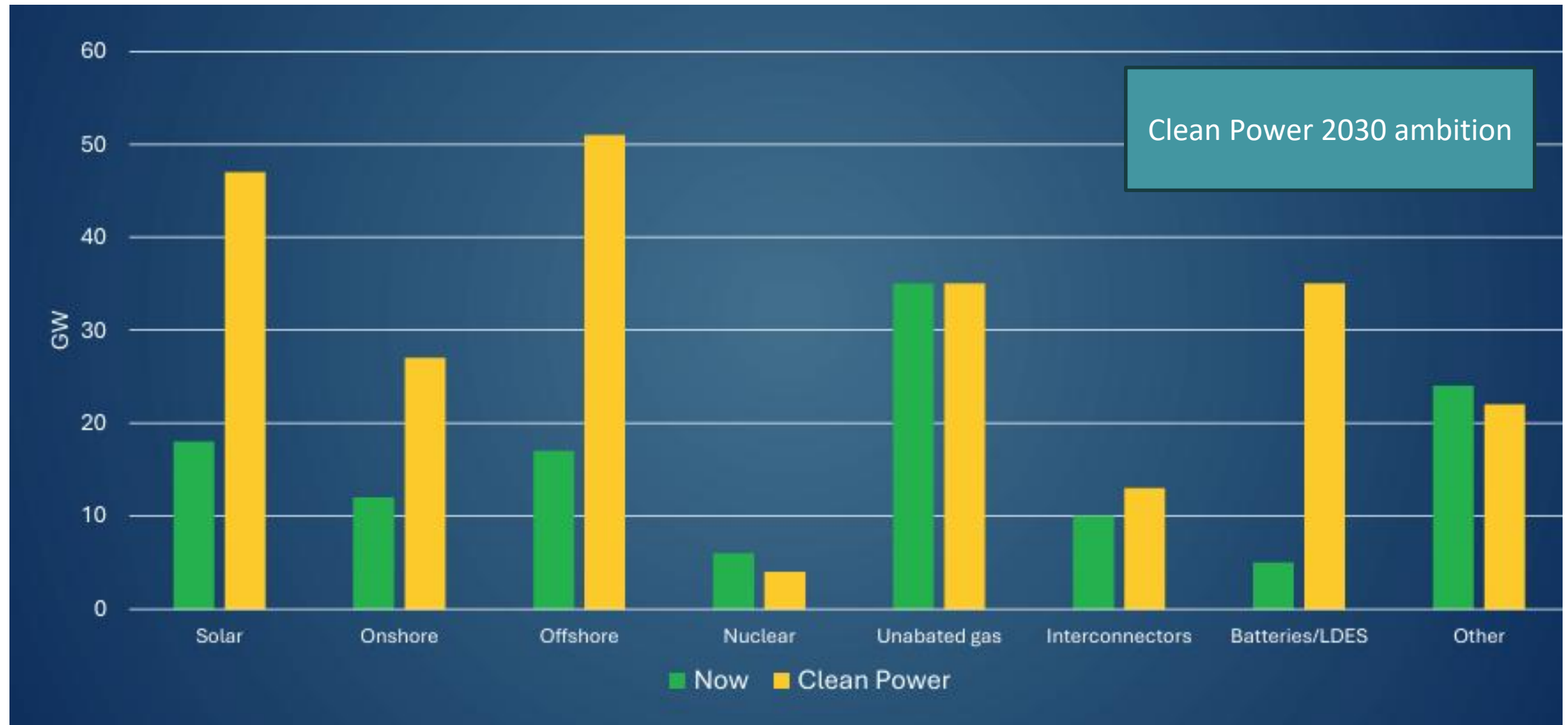
OEUK North Sea Hydrogen and CCS Summit

UK Energy Use - seasonal and reliant on *natural gas*

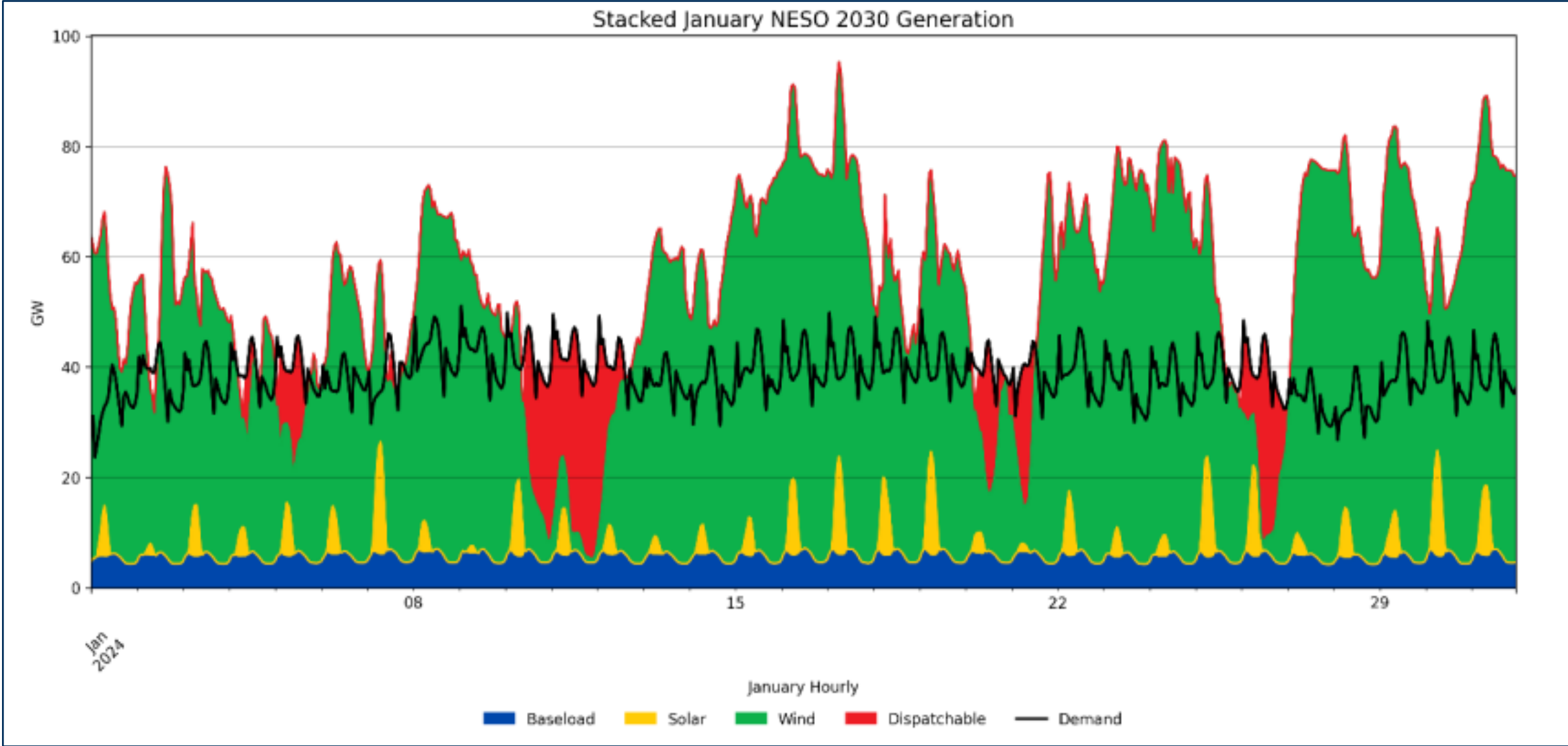


Source – University of Birmingham, Energy Institute, based on underlying data from NESO, National Gas, Elexon and DESNZ

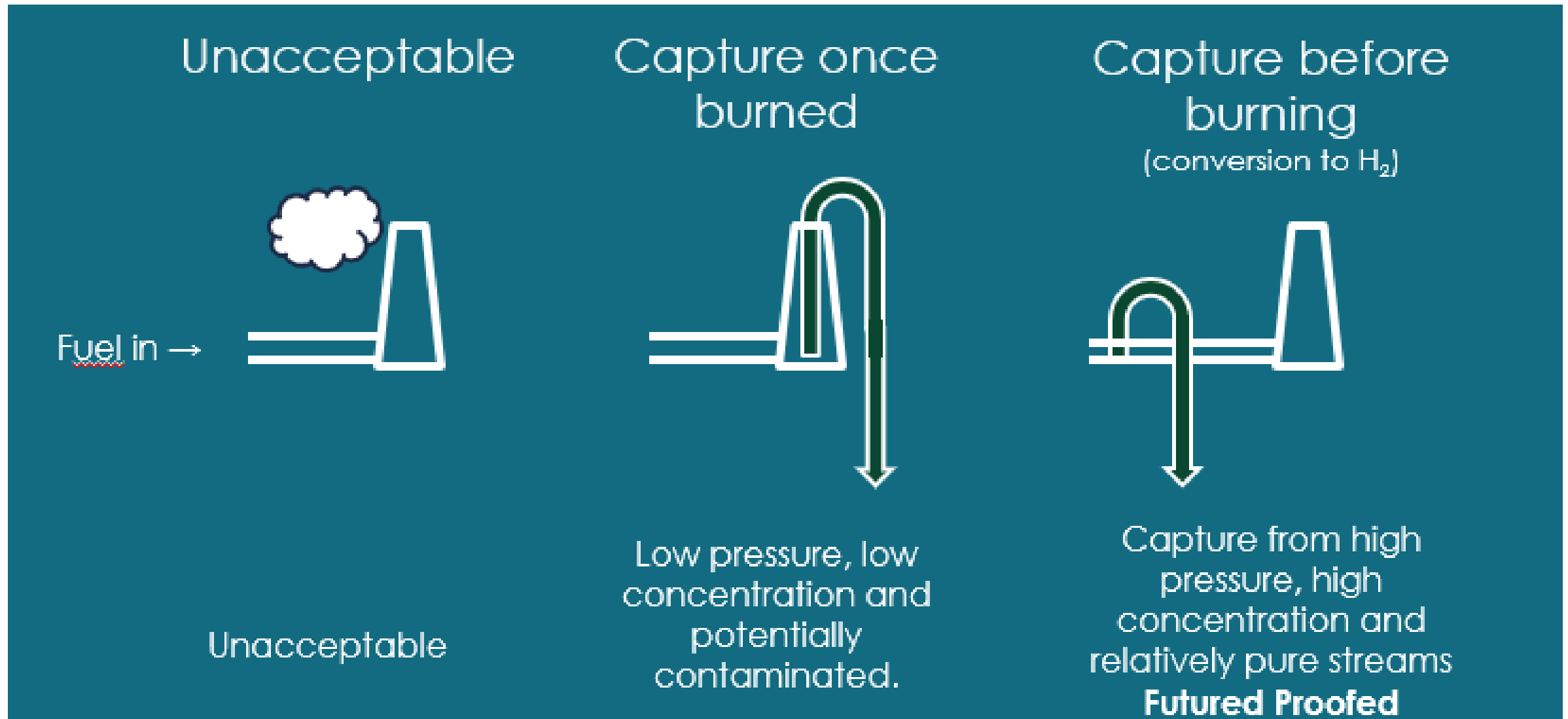
Renewables – backbone of future energy system



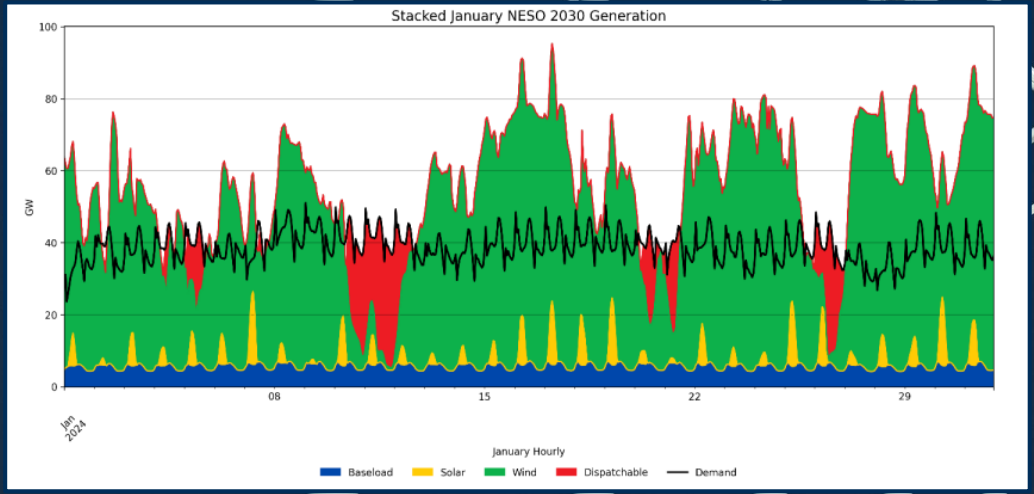
Dispatchable “on demand” decarbonised power – creates resilience



Decarbonising Dispatchable Power / Industry



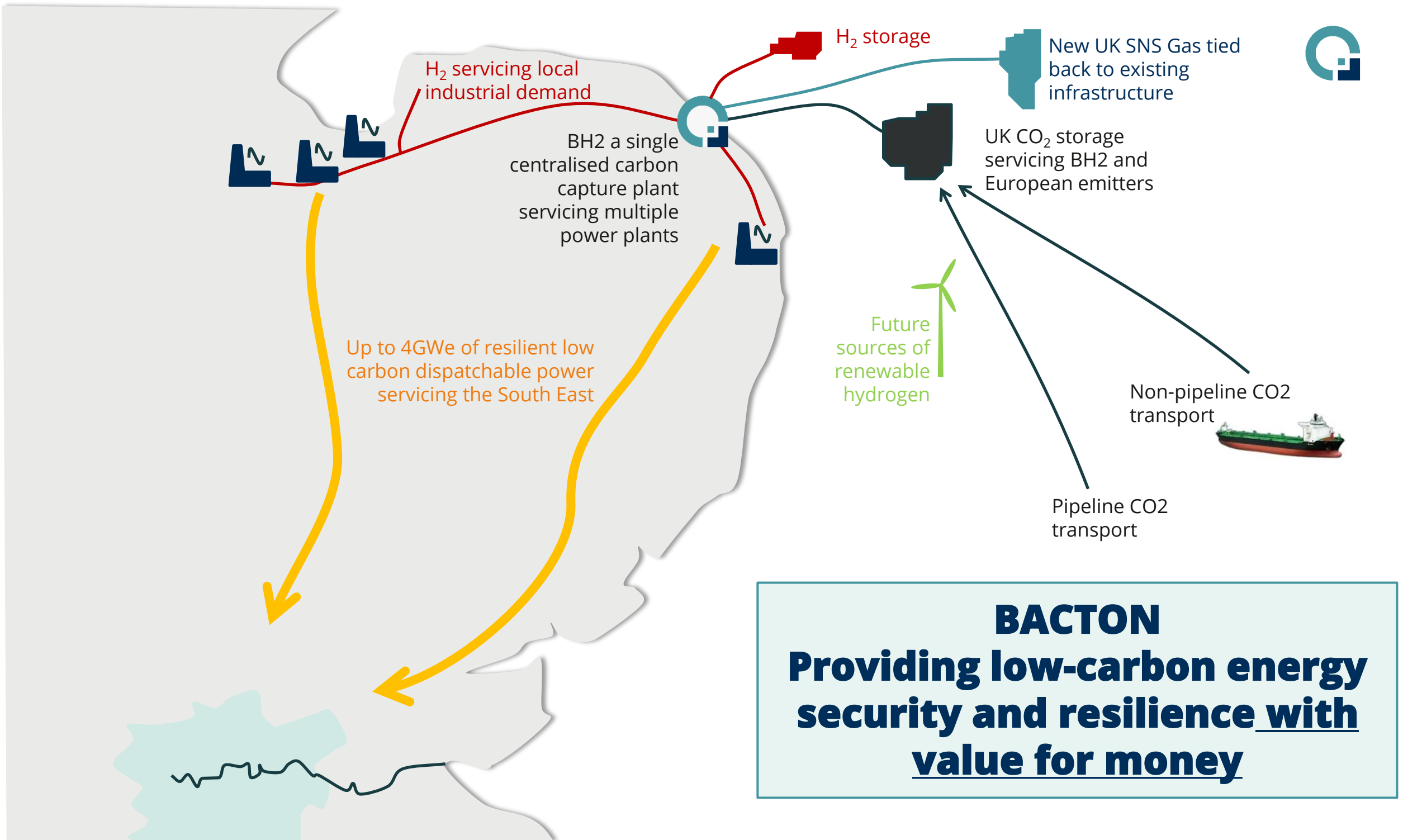
Hydrogen's superpower - large scale storage



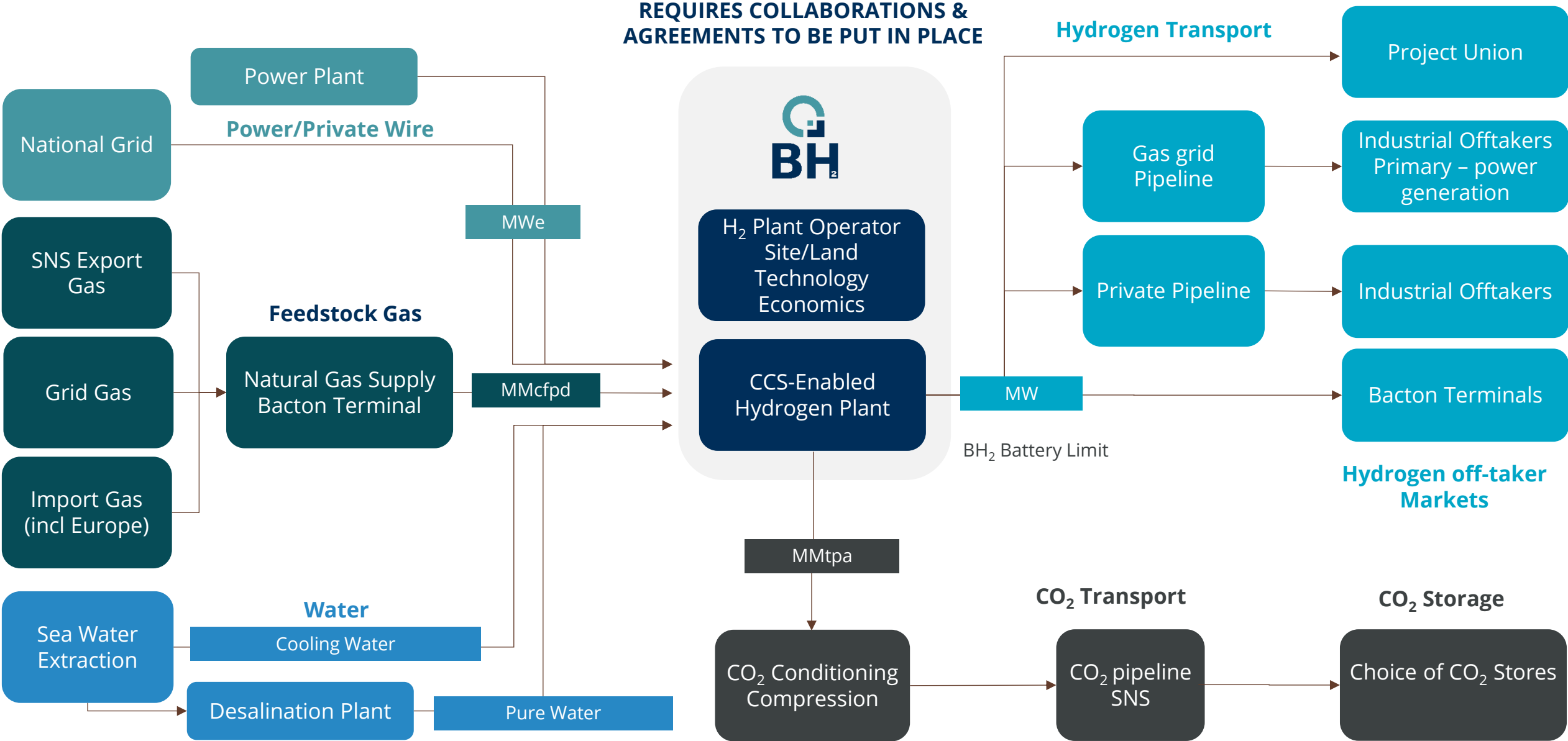


The East Anglia Opportunity - BEACON

“BH2, in conjunction with BEACON advances the UK’s Growth and Clean Power Missions by providing low-carbon dispatchable power, unlocking international CO₂ storage, and enabling a cross-border hydrogen corridor”



Project Commercial and Physical Interfaces



A collaborative, deliverable, full value chain solution



EP UK Investments



ROCKLAND CAPITAL

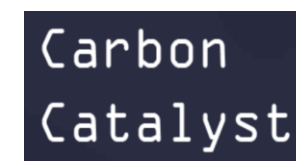


nationalgrid

Cadent

fluxys

interconnector
fluxys



Power

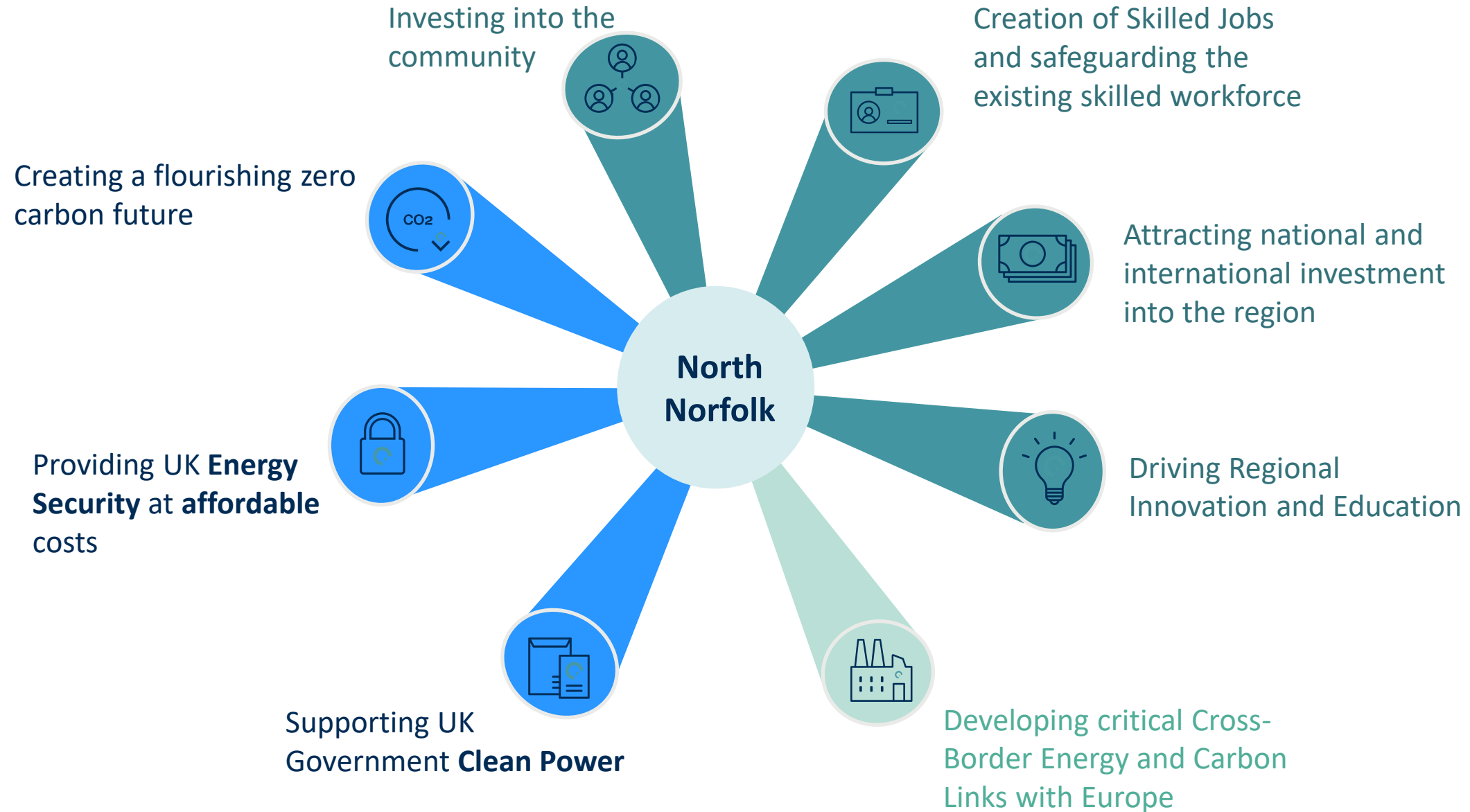
Transport

Production

Offshore Gas Storage

Note, logos reflect key organisations engaged to date. Engagements (including NDAs, MOUs and collaboration agreements) are non-binding and do not constitute formal commitments.

The Local Benefits





Thank you

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