

Oil & Gas Authority

# The UK Continental Shelf in Transition

## Delivering net zero

#### Andy Samuel - Chief Executive

7 December 2021

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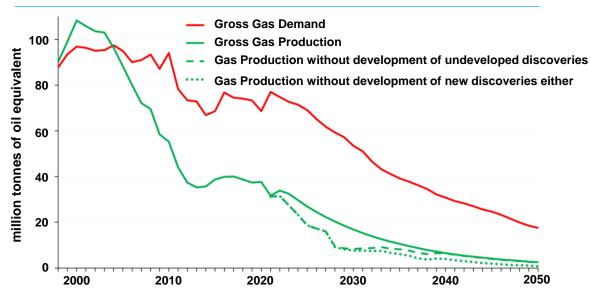
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### Oil and gas under the spotlight





#### **CCC Balanced Net Zero Pathway Demand and OGA Production projections**



#### UK Gas Spot Price (UK GBP)

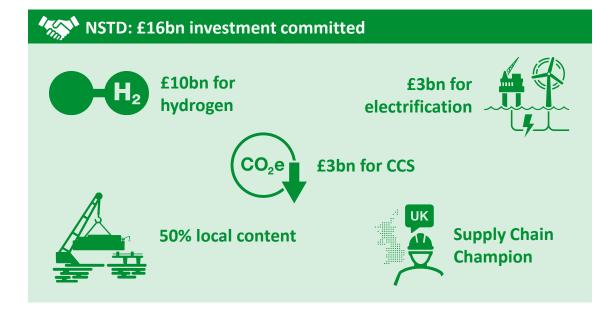


Administration, ERCE Estimates

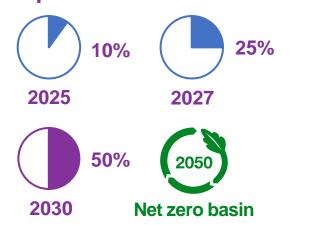
## **North Sea Transition Deal**



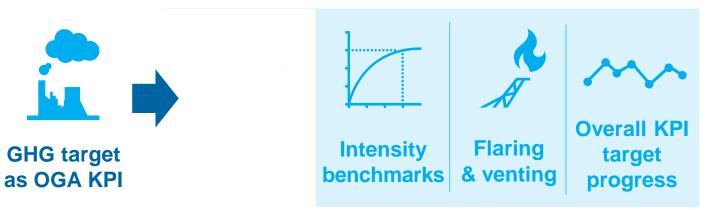
- Govt & industry commitment to transition
- First of kind for G7 country
- Future licensing climate checkpoint
- Quid pro quo



## Industry commitment to reducing upstream GHG emissions

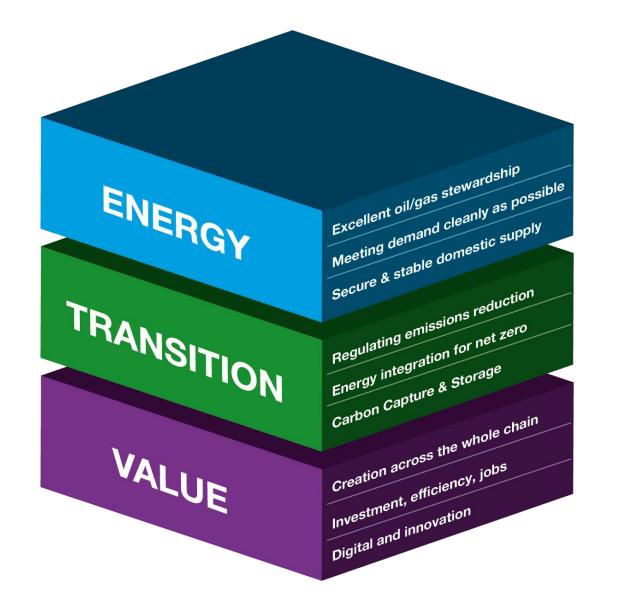


#### **OGA tracking and monitoring progress**



### **Our mission**





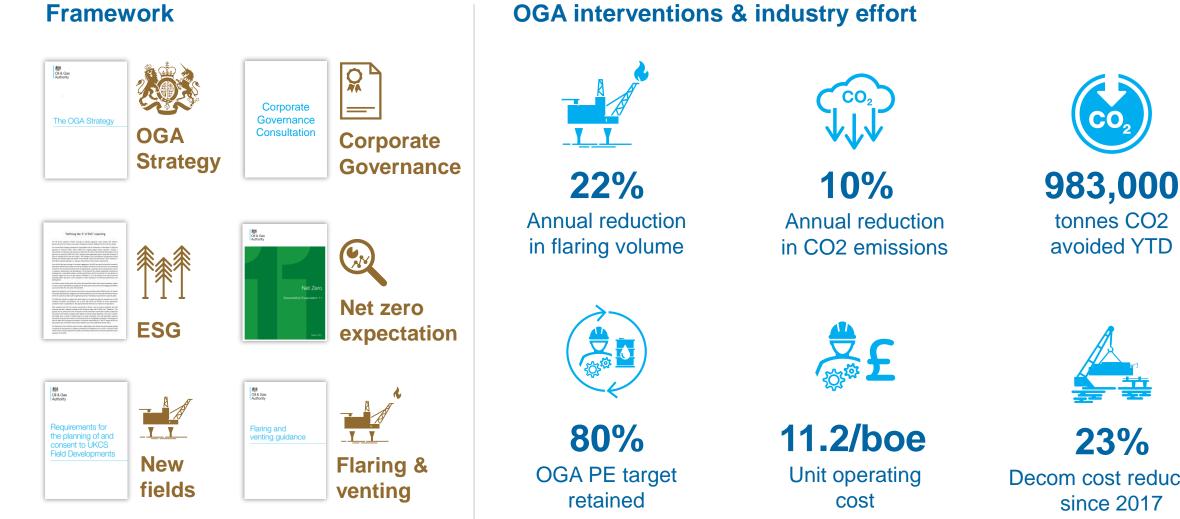
We regulate and influence the oil, gas and carbon storage industries. We help **drive North Sea energy transition**, realising the significant potential of the UK Continental Shelf as a critical energy and carbon abatement resource. We hold industry to account on **halving upstream emissions by 2030**.

We work with government, industry and other regulators to accelerate the move to net zero while meeting the UK's energy demand and security. We perform an effective net zero test and will not approve developments unless they pass it.

We aim to be a **value creator** in everything we do, encouraging and enabling economic benefit and **job creation** across the UK. We drive greater efficiency through **inclusive leadership**, data, analysis, stewardship and the use of our powers.

## Good business – not business as usual

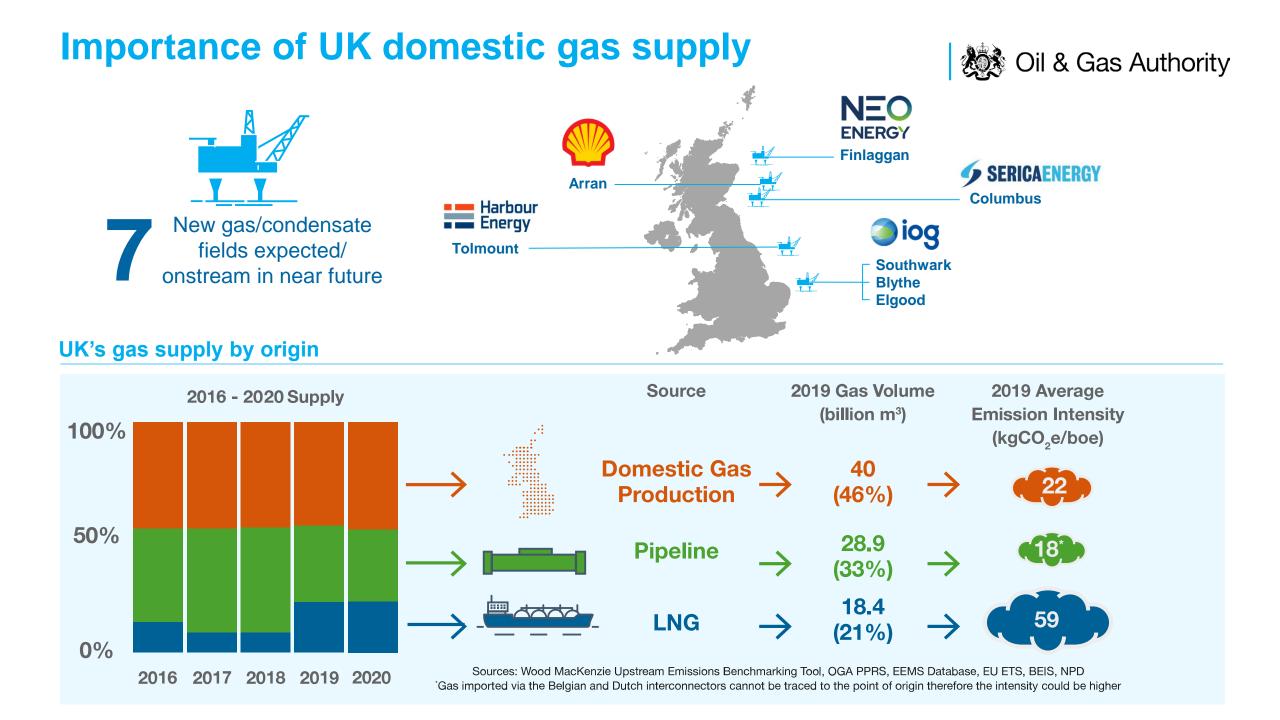




23% Decom cost reduction since 2017

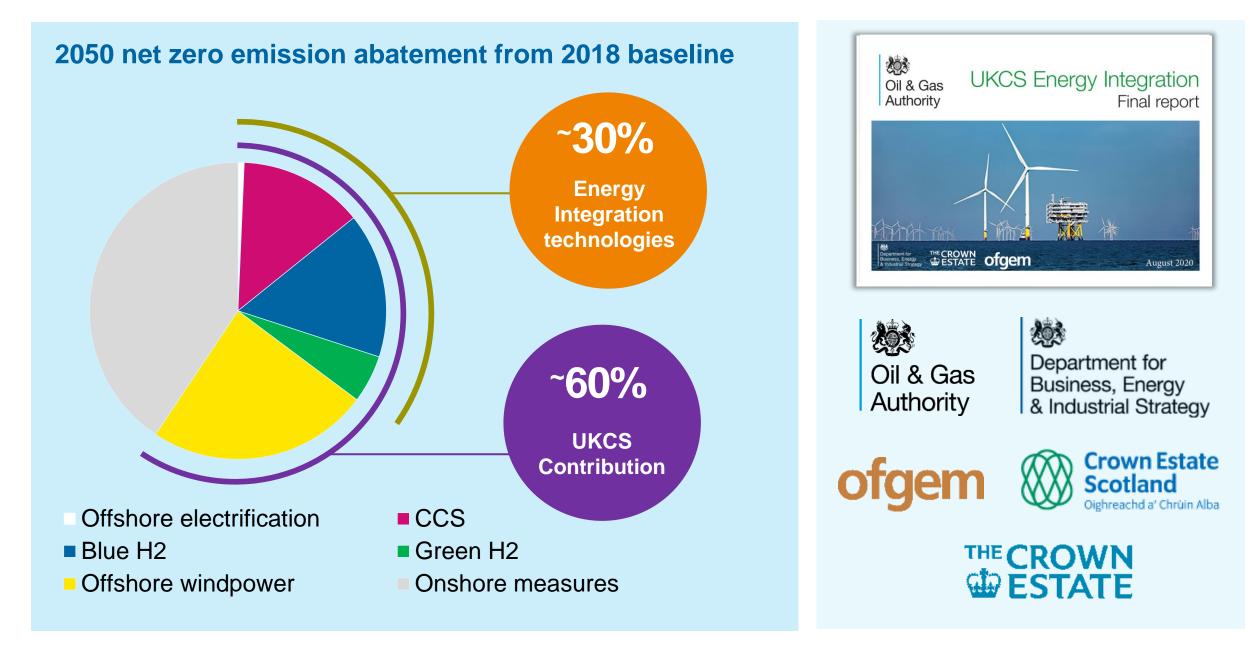
tonnes CO2

avoided YTD

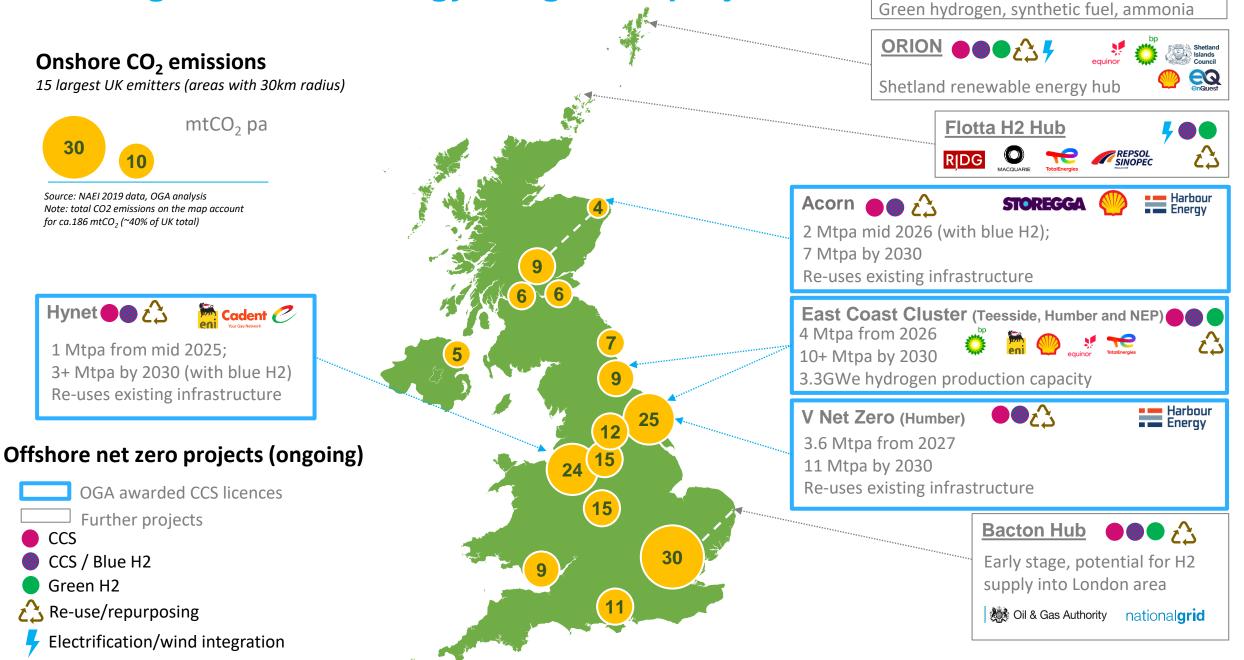


## **Offshore contribution to UK net zero**

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## Growing number of energy integration projects



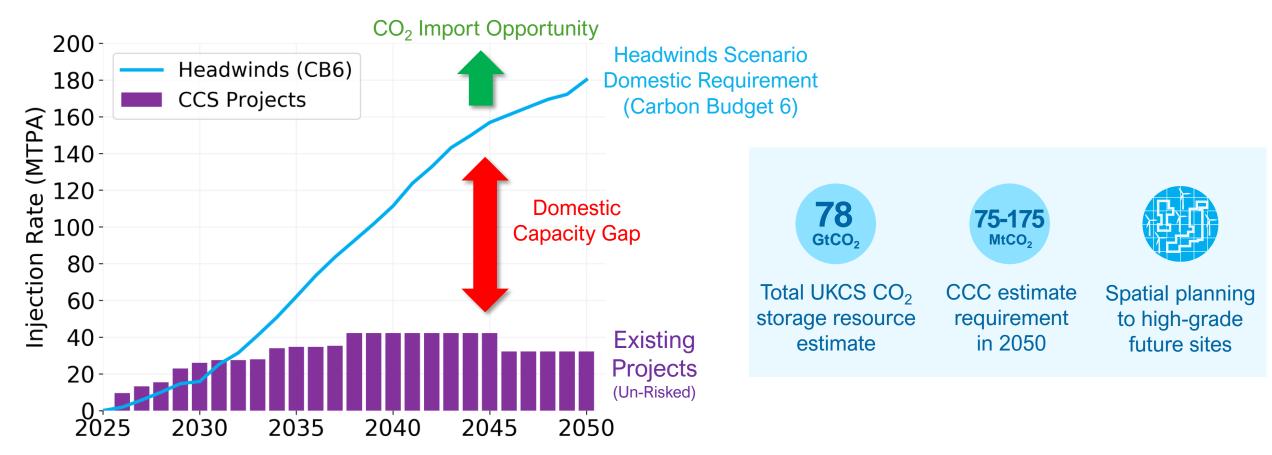
**Northern Horizons** 

10GW floating wind

HORIZONS

## CCS – the time is now













#### Acorn, St Fergus

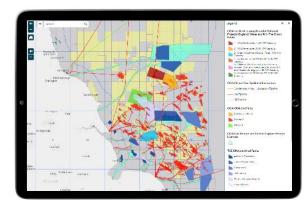


#### V Net 0, Immingham



## **Power of data and digital**

#### **Geographic Information Systems**



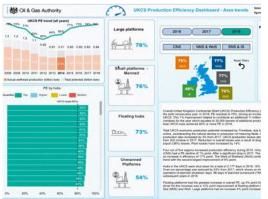
#### **Digital Energy Platform**

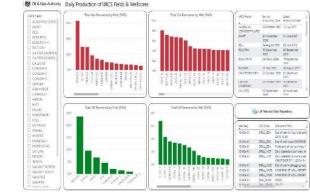


- Open to all
- Cloud based
- View & download data
- Integrated with other data sources
- Authoritative

#### Insights

Data collected, analysed and disclosed to encourage action



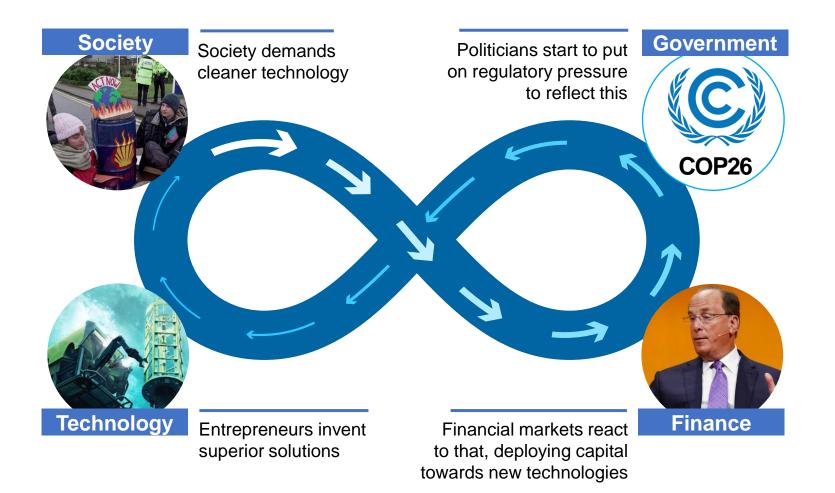


#### Advancing the energy transition

NDR and Energy Pathfinder providing transparency and visibility to unlock energy transition opportunities



## Leading with purpose





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Climate change – Loss of Biodiversity – Social inequality



Unique opportunity post pandemic green and just recovery



Requires whole systems approach and down to all of us

Modified from: World Economic Forum: The Speed of the Energy Transition



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