

UK CCS Opportunity and the SNS Perspective

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NSTA – Three priorities



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**.

ENERGY SECURITY



Helping meet UK energy demand

Oil and gas licensing and stewardship

EMISSIONS REDUCTION



Regulating for emissions reduction

Driving electrification and zero routine flaring and venting

ACCELERATING THE TRANSITION



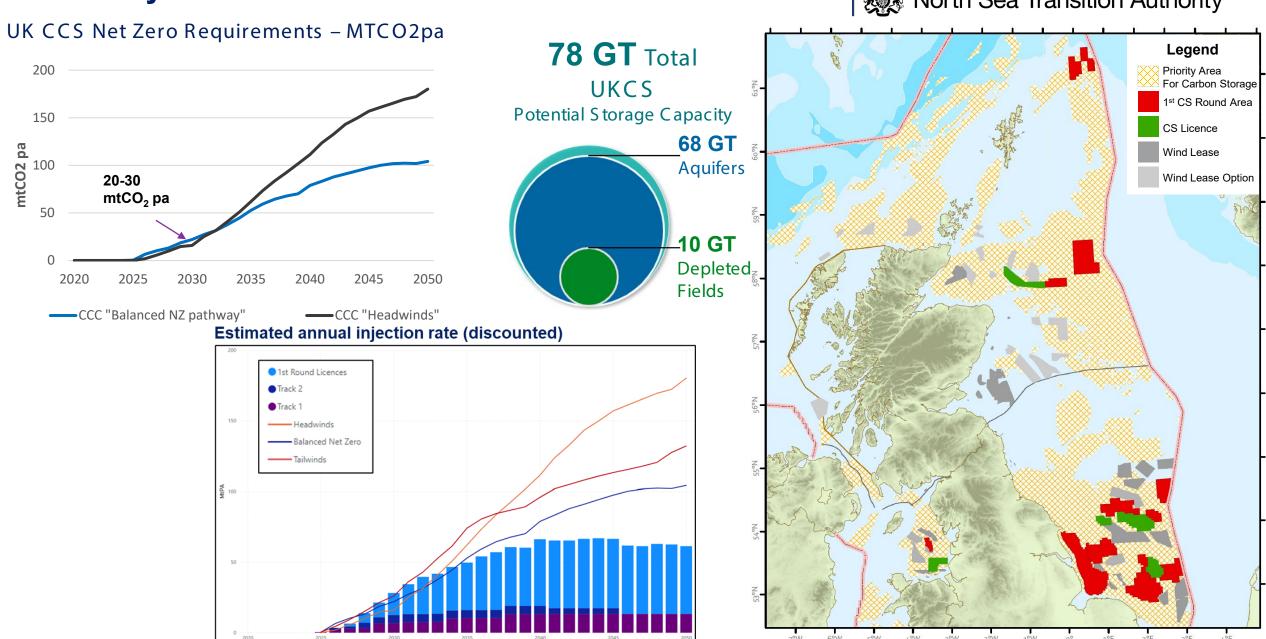
Carbon storage licensing and stewardship

Promoting energy integration Providing open access data

We aim to be an integrating force in the UKCS, helping realise its full economic potential. We champion the supply chain and job creation across the UK.

CCS – why we need it

North Sea Transition Authority



Enough UK storage potential to store all the UK's emissions since the industrial revolution!

Carbon Storage Licence Lifecycle



Storage Permit Application

Carbon Storage Appraisal Term



Storage Permit

Appraise Phase

Early risk assessment & data suitability assessment for site characterisation

Evaluation of the suitability of the proposed storage site and storage complex for CO₂ storage

Appraisal activity (e.g., wells, seismic)

1st CO₂ Storage Round Licences







Assess Phase

Full characterisation of storage site and complex

CO₂ transportation and facilities concept select

Track 2 CO₂ Storage Licences







Define Phase

Fully optimised development plan & detailed implementation plans

Storage Permit Application

Track 1 CO₂ Storage Licences







Build the

Execute Phase

development

Finalise the operating plan

Operate Phase

CO₂ transport & injection

Monitoring

Metering

Maintenance

Post-Closure Phase

Decommissioning

Monitoring









Process & Planning Guidance

Content Guidance

CO₂ Injection

Carbon Storage Licences – Firm and Contingent Commitments



