

# UK policies and incentives

## COP 29

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# CCSA members

## CO<sub>2</sub> Storage



## Power & Industrial



## Carbon Capture Developers



## Engineering & Equipment



## CO<sub>2</sub> Transport & Distribution



## Financial, Consulting & Others



# The UK's historical support of CCUS



# Policy - UK cluster sequencing process

## Track-1 Phase-1 and Phase 2

- 2 clusters to be operational in mid-2020s (Nov '21)
- 8 projects (from 41) final negotiations for T1 CO<sub>2</sub> infrastructure
- **Funding of £21.7bn over 25 years for 5 projects; EET-H, Protos EfW, NZT and 2 transport & storage networks in HyNet & East Coast Cluster (Oct '24)**
- **Financial Close – priority for whole industry to move forwards**

## Track-2

- At least 10Mtpa CO<sub>2</sub> by 2030 (March 23)
- Acorn & Viking confirmed for Track-2
- Plan for anchor project selection needed (expected early '24)

## Track-1 Expansion

- Unsuccessful /new projects to access T1 infrastructure (March '23)
- HyNet T1 Exp launched (Dec 23)
- Shortlisted projects hoping for FID 2026 (Autumn 2024)
- Tbc East Coast Cluster...



# State of play across the CCUS business models

## Near final

### CO<sub>2</sub> Transport & Storage (TRI):

- Regulated Model
- TRI business model draft HoT last updated Dec 2023
- Draft CCS Network code HoT updated Feb 2024

### Dispatchable Power Agreement (DPA):

- Adapted CfD
- Last updated Nov 2022

### Industrial Carbon Capture (ICC):

- CfD
- Update for Track-1 expansion & Track- 2 April 2024
- Transition to an applicable carbon market reference price from a fixed trajectory reference price

## Near Final/Advanced

### Industrial Carbon Capture (EfW):

- Adapted CfD
- April 2024 - Update for Track-1 expansion & Track2, potential addition of a biogenic content cap

### Low Carbon Hydrogen Production:

- CfD
- Draft Low Carbon Hydrogen Agreement published Aug 2023
- LCHS updated Dec 2023
- DENSZ working on updating LCHA which was expected to be published Q2 2024

## Early phases

### Engineered GGRs:

- CfD
- Indicative heads of terms published
- 20 Dec 2023 – update due

### Power BECCS:

- 'Dual' CfDc (carbon) & CfDe (electricity)
- proposed commercial framework 20 Dec 2023

### Hydrogen Transport (RAB) and storage (Revenue Floor):

- Regulated model
- Market Engagement consultation on BM design - Feb 2024
- full application guidance in Q2 2024 /first allocation round launch Q3 2024 (delayed)

## Not started/no update

### Non-Pipeline Transport:

- NPT call for evidence published in May 2024, deadline 16<sup>th</sup> July

### CCU:

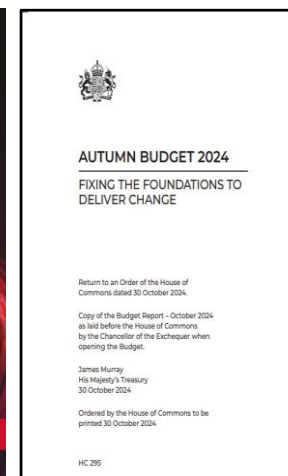
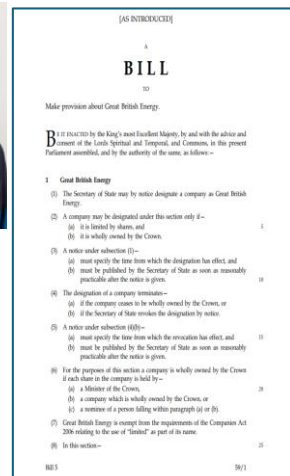
- Currently ineligible for BM support – further work in 2024

### Dispersed Sites:

- CCUS vision 20th Dec 2023 – spatial plan for energy infrastructure & NPT will support dispersed sites



# The new UK government CCUS related policies (2024)



**4 July:** 2024 General Election – Labour majority of 411 seats.

**9 July:** Chris Stark appointed to **lead Mission Control for Clean Power by 2030**. **National Wealth Fund** launched - align the UK Infrastructure Bank and the British Business Bank.

**25 July:** GB Energy Bill introduced, GB Energy partnership with The Crown Estate. National Wealth Fund, SAF, Planning and Infrastructure, Skills England

**1<sup>st</sup> October :** Official launch of the NESO and development of Clean Power 2030 plans

**4th October:** £21.7bn funding committed to first CCUS projects

**14<sup>th</sup> October**  
Industrial Strategy; Invest 2035 at the International Investment Summit

**30<sup>th</sup> October**  
Autumn Budget and pretext to Spending Review: Spring 2025

**30<sup>th</sup> October**  
New UK target to reduce emissions by 81% by 2035 @ COP29 (incl.CCUS)



# Towards a Market Framework

- **Long-term Regular Allocation Framework**
  - To provide long-term certainty and competition
  - Stimulate supply chain & skills
  - Drive cost reduction in the CCUS industry
- **Market and mandate levers**
  - Evolution of business models
  - Role of carbon price and ETS in driving down costs and selling credits
  - Low carbon products and fuels markets
  - Role of storage & low carbon product mandates
- **Opening up Cross border CO2 Market**
  - Enabling CO2 shipping and bi-lateral cross-border agreements
  - Competitive CO2 transport & storage market.
  - Clarity on market mechanism e.g. ETS & CBAM recognition between UK and Europe



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