



National Audit Office

The UK's independent public spending watchdog

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CARBON CAPTURE, USAGE AND STORAGE PROJECTS

Thank you for your FOI request to the National Audit Office (NAO) dated 27 February 2025 in relation to our value for money report [Carbon Capture, Usage and Storage programme](#) published on 23 July 2024.

Your request has been handled under the terms of the Freedom of Information Act 2000 (FOIA), and I can confirm that we hold the information you requested. The information you requested is set out in **Annex A**.

I hope this information is helpful and you are happy with the way we have handled your request. Our policy is to respond to requests as helpfully and promptly as possible. If you are not happy with this response, you can ask for an internal review within 40 working days by writing to the NAO FOI Team at FOI@nao.org.uk. If you are not content with the outcome of the internal review, you have the right to apply directly to the Information Commissioner for a decision. The primary way of escalating your concerns to the Information Commissioner is at: <https://ico.org.uk/foicomplaints>.

Yours sincerely

NAO FOI Team

Annex A

Paragraph 15 of our report states: ***The government has so far spent £630 million on its CCUS programme, primarily through grants to support the early development of projects.*** This paragraph explains that the £630 million is made up spending through the Industrial Decarbonisation Challenge fund (which invests in developing carbon capture and storage technologies) and a further £346 million on research and development projects. It also sets out that DESNZ has spent at least £84 million administrative support for the programme.

The information set out below was supplied by the Department of Energy Security & Net Zero as part of our value for money audit (the three bullets below are relevant to the material on Industrial Decarbonisation Challenge fund referred to in paragraph 15)

- Deployment projects - £171 million to enable significant reductions in industrial CO2 emissions in seven clusters. The deployment projects were completed in March 2024.
- Cluster plans - £8 million for six clusters to produce a blueprint to achieve net-zero emissions for each industrial cluster. The plans were completed in March 2023.
- Industrial Decarbonisation Research and Innovation Centre (IDRIC) - £20 million investment in a multidisciplinary research and innovation centre

The government has spent £346 million on CCUS Research Demonstration and Development projects over the last 20 years. This includes, but is not limited to:

- i. DESNZ (BEIS) funded the Translational Energy Research Centre (TERC).
- ii. DESNZ (BEIS) also funded small scale Tata Carbon Capture.
- iii. Funding for the capture facility at Sheffield (PACT)
- iv. Funding for capture technology (C-Capture, Carbon Clean)
- v. Funding for CCU, including the commercial scale deployment of CCU at Tata Chemicals
- vi. Funding for capture technology (C-Capture, Carbon Clean)
- vii. Innovation funding to support UK technology (C-Capture, Carbon Clean) and advance knowledge of CCUS (such as ETI storage map).
- viii. Also on early development, IDC has supported the development of clusters as HMG worked to confirm business models recognising important role public sector can make to de-risk early development work in partnership with private sector.
- ix. Spend on FEED funding (including the previous CCS Competition) and shared knowledge across industry. The CCS Competition 2012-15 for FEED included Key Knowledge Deliverables that have been made freely available to industry and influenced subsequent project development.

You may wish to contact the Department of Energy Security & Net Zero directly if you require any additional information.