

Research Councils UK Energy Programme and CCS

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UKCCSC network



Our vision for this network is that it will enable:

- Coordination within the research community and sharing of results in this fast growing field
- Engagement with stakeholders and pilot projects
- International engagement
- Development of researchers
- Encourage involvement from researchers new to the area
- Easy “route in” and information source.

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CCS: Activities 2010/11



Projects

- Call for CCS technologies in partnership with NSFC in China (£2.5m plus matching resources from NSFC).

Exploitation

- One of the public sector funders of ETI.
- BF2RA partnership - £0.75M for 8 studentships.

International

- China: call as above building on previous call in Cleaner Fossil Fuels.
- US: CCS workshops held in May and Energy Programme visit late September to explore opportunities for collaboration.
- Europe: FENCO (Fossil Energy Coalition Network) ERA.
- Europe: EERA. Aligning existing research (not training) – see UKERC website for details.

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Future funding?



- EPSRC's Strategic Plan has 3 key goals – delivering impact, shaping capability, developing leaders.
- Delivery plan being developed on how to achieve these (over 2010/11 – 2014/15).
- Models included for different financial scenarios.
- Energy is a priority theme in the new delivery plan.
- Departmental allocations October/November.
- From then until December settlements at individual Research Council level.
- For EPSRC: December Council – funding allocations within the new delivery plan.
- Spring 2011 – Delivery plan published.

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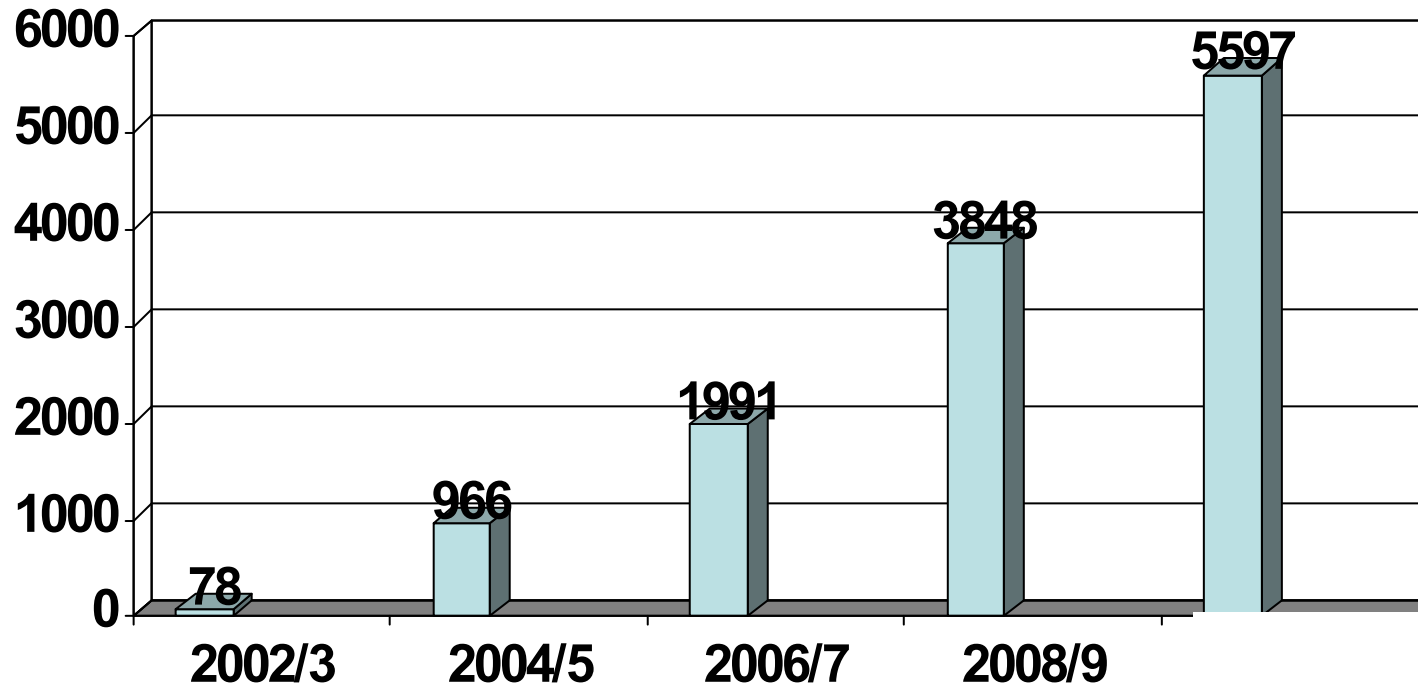
CCS context: the growth in our portfolio



£38M of current grants

NB: CCS now a research topic across the RCs

Expenditure by year (£k)



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CCS: Future activities 2010 onwards



Where are the gaps and challenges in the Research Councils' space and what should we be doing next?

Views and suggestions welcomed e.g.:

- ☞ capture from gas powered stations
- ☞ accelerating deployment
- ☞ 2nd/3rd generation capture
- ☞ reliability and operability
- ☞ integration
- ☞ scale-up
- ☞ monitoring of storage sites
- ☞ injection
- ☞ a platform/centre to link with the demonstration projects
- ☞ working with the US eg access to US sites

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