

ENGINEERING AND PHYSICAL SCIENCES RESEARCH COUNCIL

EPSRC Portfolio and Plans Energy Programme

David Delpy, CEO
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EPSRC

Pioneering research
and skills

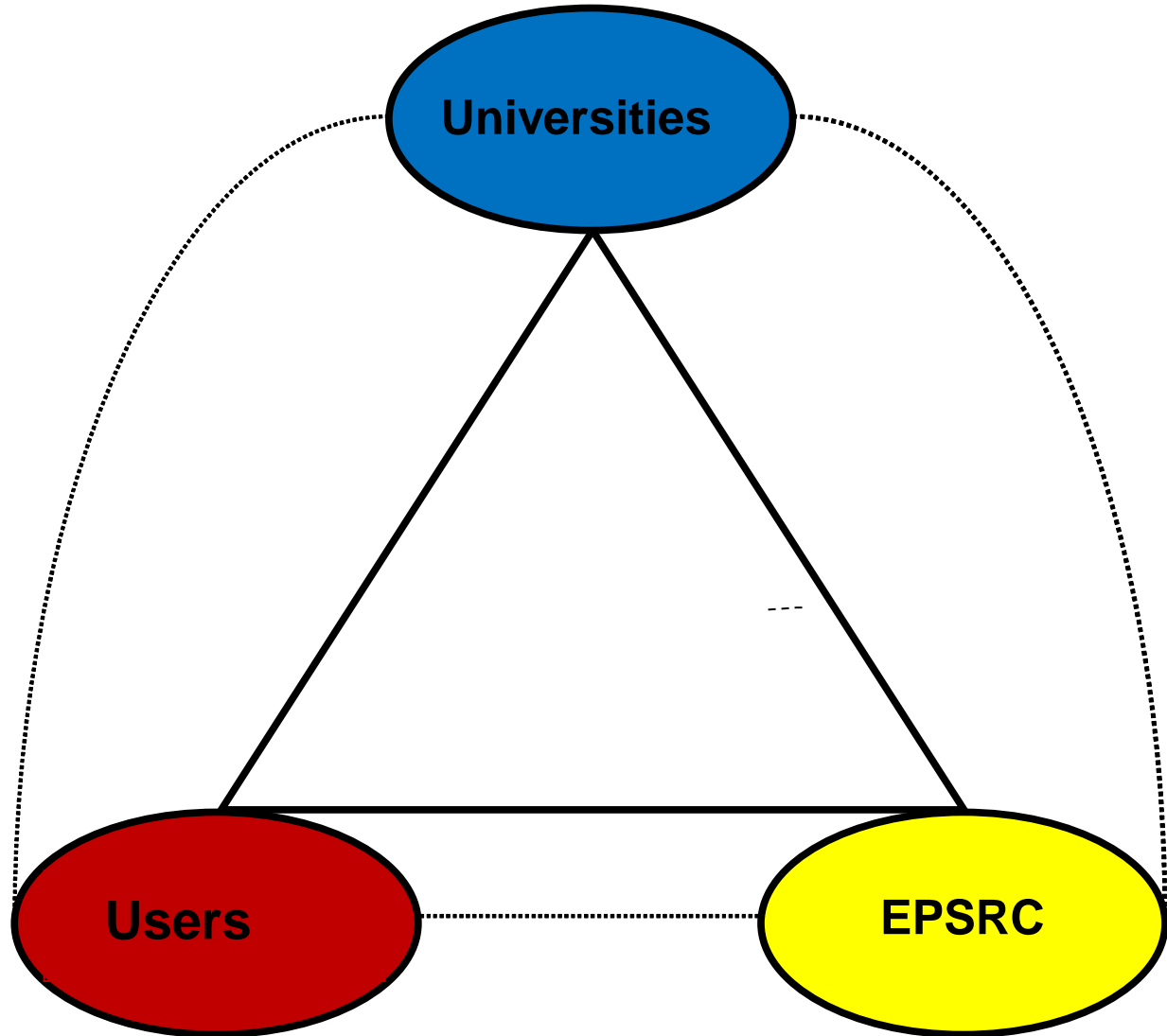
Overview of EPSRC

- **Main public sponsor** of academic research in Engineering and Physical Sciences
- **Around £800M spend per year** on research, postgraduate training and Impact related activities
- **From basic, blue skies through to (relatively) applied work (broadly TRLs 1 to 3)**

EPSRC

Pioneering research
and skills

Charter only deliverable through partnership



Context

- Still having to do 'more with less'
- **Eight Great Technologies**
- **Industrial Strategies - Impact of UK Research on Growth?**
- Next Spending Review 15-16



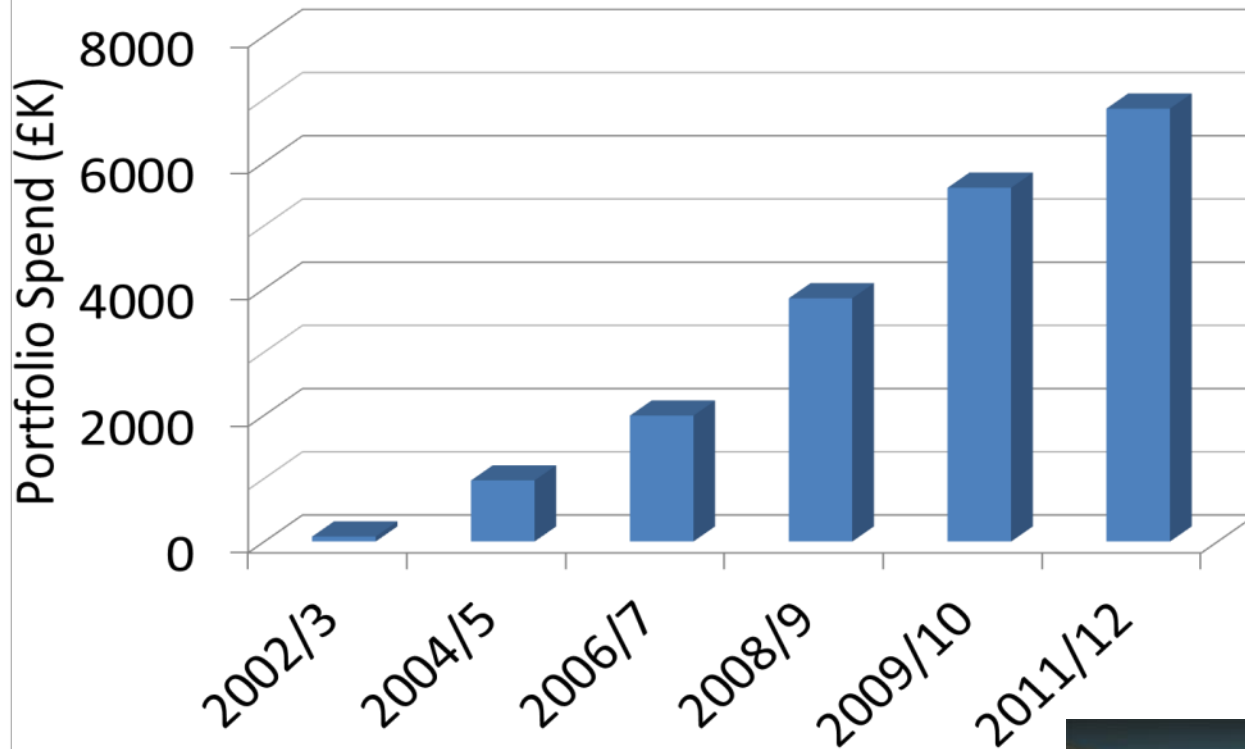
Where EPSRC-sponsored research plays a direct role – Ind. Strategies / 8 Great Techs

BIS Industrial Sectors / 8 Great Technologies	Aerospace	Nuclear	Renewables	Automotive	Information Economy	Construction	Oil & Gas	Life Sciences	Education	Professional & Business Services
Big Data					✓					
Space										
Robotics & Autonomous Systems	✓	✓		✓	✓		✓			
Regenerative Medicine								✓		
Synthetic Biology								✓		
Energy Storage			✓	✓						
Advanced Materials	✓	✓	✓	✓		✓	✓			
Agri-science										

Leads 3 /involved in another 3 out of 8 Great Techs

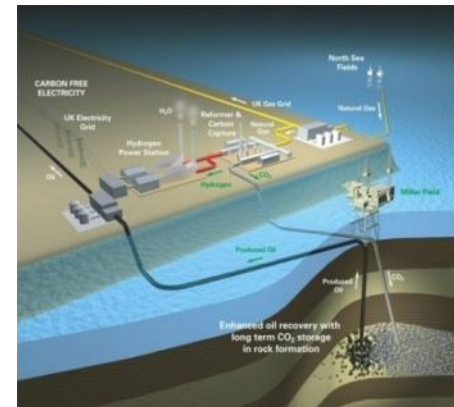
~70% of EPSRC portfolio directly relevant to Industrial Strategies

Carbon Capture and Storage – Energy programme



■ Priority area - **£60M investment**
(current grants)

■ Plan to **maintain** investment levels
until 2015 (at least)



Recent Announcements

- **UK Carbon Capture and Storage Research Centre (UKCCSRC)**
- **Flex-e-Plant** – Consortium of conventional power researchers
- **£350 M CDT call** (council wide), including the area of **CCS and clean fossil energy**



Conclusion / Summary

- **EPSRC main UK public sponsor** of Energy Research including CCS
- **EPSRC will maintain support for CCS** over the next 2 years – review after that
- **EPSRC working closely with TSB, DECC, BIS and RC partners** in the field
- **Need for greater advocacy** for Engineering and Physical Sciences
- **Looking forward - Working towards the next Spending Review – we must continue to work in partnership** to demonstrate and create value

Thank you for listening

Any Questions?

