

CSLF Joint Policy and Technical Meeting

UK Activity - CAT, G8, EU

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and Industry**

The UK's Prime Minister recognises the importance of climate change, and the link between energy and greenhouse gas emissions.

Therefore much activity from the UK on CCS

- Carbon Abatement Technology Strategy
- G8 initiatives
- EU-China ZEC initiative.

Carbon Abatement Technologies (CAT) Strategy

- Energy White Paper (Feb. 2003)
- CCS Review (Sept. 2003)
- EOR Implementation Plan (April 2004)
- CCF Programme Fourth Call (March 2004)
- CAT Consultation (October 2004)
- CAT Strategy (June 2005 launch)

CAT Strategy

- Objective:-

“To ensure the UK takes a leading role in the development and commercialisation of Carbon Abatement Technologies that can make a significant and affordable reduction in CO₂ emissions from fossil fuel use.”

A wider scope of work

- Technology Research and Development
- Technology Demonstration
- Storage integrity
- Legal and Regulatory issues
- Monitoring and verification (eg for ETS)

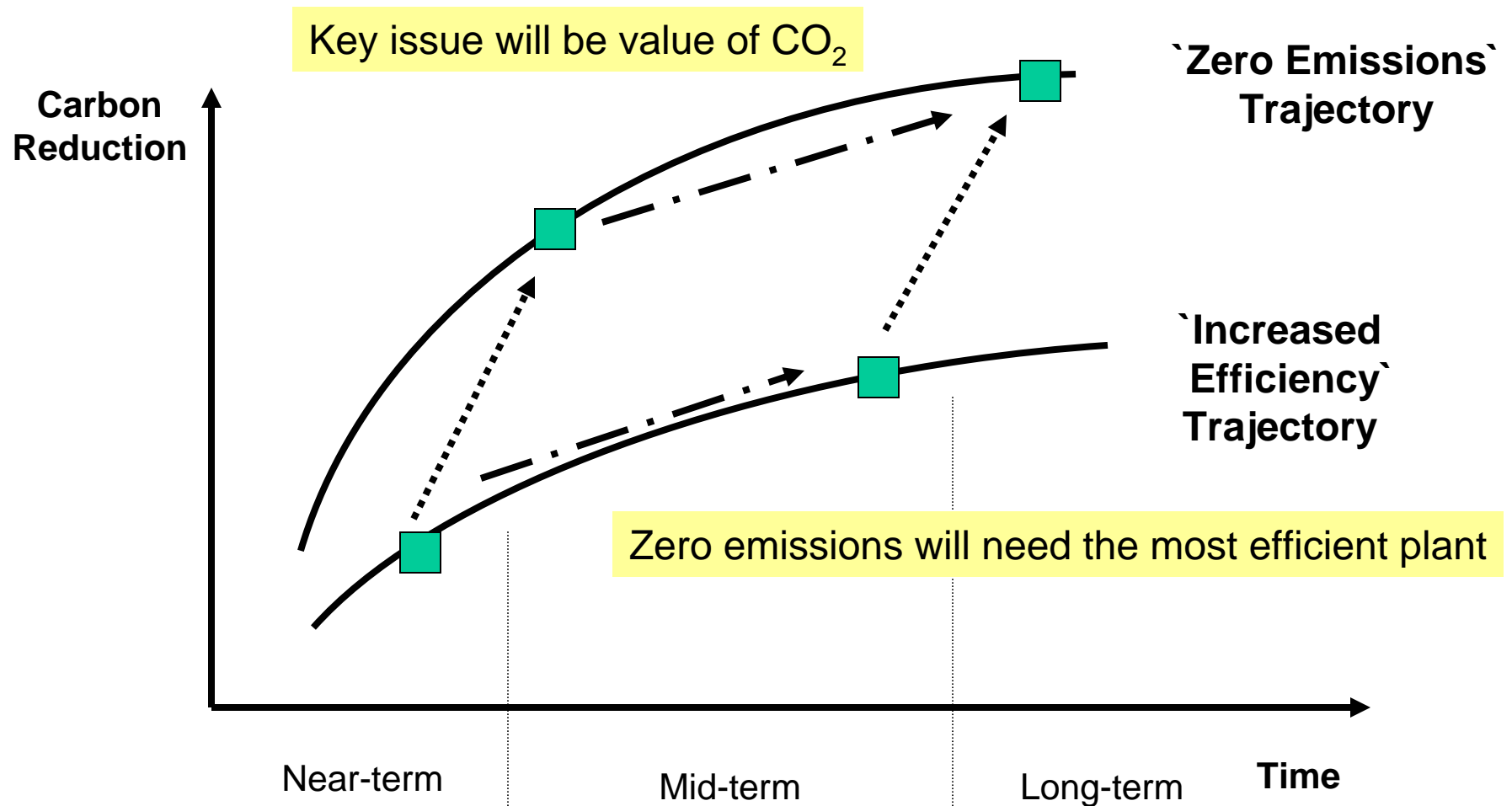
Wider sectors

- Power
- Oil and gas
- Industrial
- Hydrogen
- Developing countries

CAT Strategy

- Two key CAT technologies for reducing emissions:
- *Improved efficiency* in existing power generation, using technologies which can reduce emissions by up to 20%
- *Carbon Capture and Storage (CCS)* which has the potential to reduce emissions by up to 85%.

Technology Trajectories



CAT Strategy

Initial activities

- Routemap
- Incentives for CCS
- Legal and Regulatory work

G8

G8 Summit at Gleneagles agreed

“We face serious and linked challenges in tackling climate change, promoting clean energy and achieving sustainable development globally”.

G8 agreed a **Plan of Action on Climate Change, Clean Energy and Sustainable Development**, and a post-Gleneagles Dialogue to include the major developing economies, and the IEA and World Bank

Five G8 initiatives on carbon dioxide capture and storage.

EU Presidency

- EU-China Partnership on Climate Change
- Near Zero Emissions Coal project (NZEC)
- Aim – to bring forward deployment of CCS in China

EU Presidency

NZEC

- Feasibility study for carbon dioxide capture and storage in China
- Leading towards demonstration
- MoU

Conclusions

- UK commitment to tackling climate change
- Acknowledge benefits of CCS in UK Energy Policy
- Recognise value of CSLF

