

UKCCSRC Mid-term review

Research reporting and future planning

Professor Stuart Haszeldine

Deputy Director, Storage

ECCL, Edinburgh 4 September 2019

ACCELERATING CCUS: CONFERENCE

28 - 29 NOVEMBER, EDINBURGH

 Department for
Business, Energy
& Industrial Strategy

 **UKCCS**
RESEARCH CENTRE

Edinburgh 2018

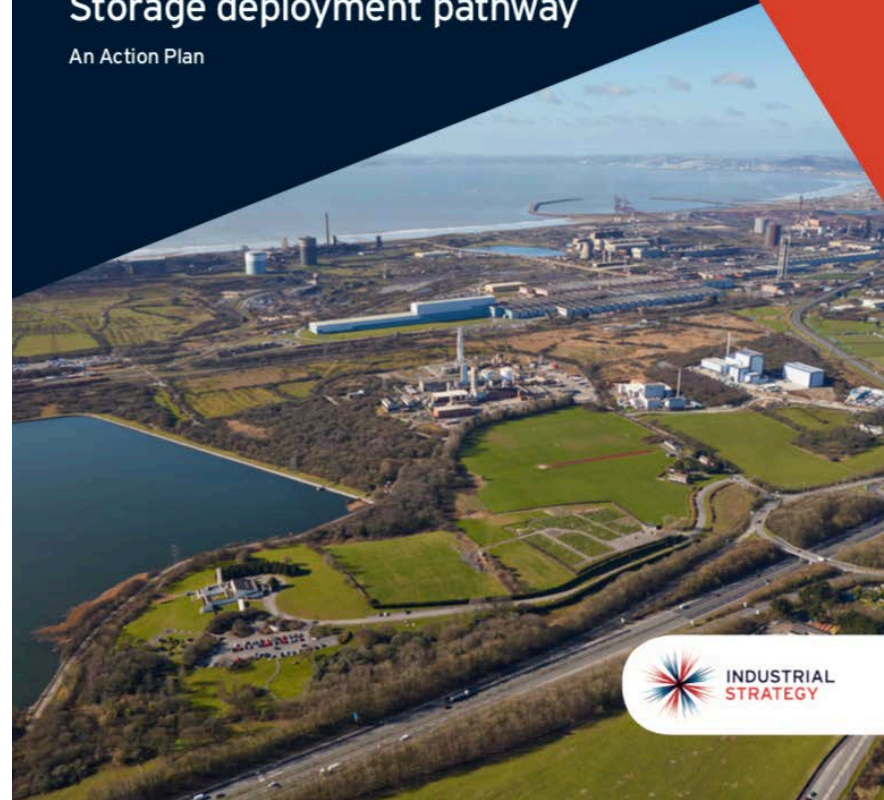
 **UKCCS**
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Clean Growth

The UK Carbon Capture Usage and
Storage deployment pathway

An Action Plan

 HM Government



 **INDUSTRIAL
STRATEGY**



Agenda

No fire alarms

Exits

Café ground floor

Many cafes outside, and bars

UKCCSRC ECR Meeting Fund

12:30 - 12:45

Updates from UKRI and BEIS

Brian Allison, Assistant Head CCUS R&D, Innovation and International Engagement, BEIS
Lizzy Bent, Energy Programme Portfolio Manager, EPSRC



12.45 - 14.30

UKCCSRC Core Research Projects #1

Paul Fennell, Deputy Director Capture, Imperial College London
Camille Petit, Imperial College London
Hao Liu, University of Nottingham
Ben Anthony, Cranfield University
Mohamed Pourkashanian, University of Sheffield
Mathieu Lucquiaud, University of Edinburgh
Robert Milton, University of Sheffield

14:30 - 15:00

Break

15:00 - 16:00

ACT Projects

Brian Allison, BEIS
Maxine Akhurst, ALIGN, British Geological Survey
Nixon Sunny, ELEGANCY, Imperial College London
Alan James, Acorn, Pale Blue Dot

16:00 - 17.45

UKCCSRC Core Research Projects #2

David Reiner, Deputy Director Systems and Policy, University of Cambridge
Mai Bui, Imperial College London
Clair Gough, University of Manchester
Vassilis Charitopoulos, University of Cambridge/University College London

18:00 - 19:00

Poster session and networking reception

Glasgow Nov 2020, Glasgow



**Climate
CoP
UNFCCC**



All countries must have submitted new national pledges for climate action, so this summit will be the first real test of resolve under the Paris Agreement.

Programme for Government sets out some next steps on Scotland's net zero emissions journey . 3 Sept 2019



Nicola Sturgeon
First Minister

- “our future public infrastructure programme will lay the foundations on which we will build low and **zero carbon homes, communities and industries**”.
- “CCUS is an industrial-scale decarbonisation system which has the potential to make a big impact on our emissions targets. Scotland’s key CCUS resource is the vast potential for CO₂ storage in the North Sea. With the existing oil and gas infrastructure, it is **the most cost-effective place to begin CCUS in the UK.**”
- support for **oil and gas** “**will be conditional** on the sector's actions to help ensure a sustainable energy transition”
- On CCS. “**I don't think it is an either/or** between action now and also looking to develop the technologies of the future. I think we've got to do both”
- Climate Emergency Response Group. “Establish a **public-interest company to operate CCS** (Carbon Capture and Storage) infrastructure”,