



Department for
Business, Energy
& Industrial Strategy

CCUS COST CHALLENGE TASKFORCE

Inaugural Meeting – Summary



7th February 2018

Introductory remarks

The Minister for Energy and Clean Growth Claire Perry welcomed all attendees to the inaugural meeting of the CCUS Cost Challenge Taskforce. In the Minister's opening remarks, Minister Perry set out her aims and objectives for the CCUS Cost Challenge Taskforce, highlighting that she sees the Taskforce as key in contributing to the development of CCUS in the context of her three tests (lowest cost decarbonisation, maximising innovation to develop world leading technologies and maximising investment to improve economic productivity).

Following this, there was a general discussion between the Minister and Taskforce members, which included discussion on:

- The importance of understanding the potential value of CCUS to the economy and the potential impact of not pursuing CCUS.
- The need for a CCUS narrative that is accessible and comparable to other technologies.
- The outputs of the Taskforce, which include:
 - o The options for a deployment pathway which sets out the necessary steps, in a way that is mindful of public finances.
 - o Short and long term recommendations for meeting the 2030s ambition aimed at both Government and industry.
- Understanding the cost reduction potential for CCUS including looking at the cost reduction trajectory from deployment as well as the potential for innovation to reduce costs.
- The role of innovation, and the opportunities and characteristics inherent in different parts of the CCUS chain, including the potential opportunities to create a market for CO₂, through encouraging more usage.

Further discussion

Following this discussion and for the remainder of the meeting the Taskforce focused its discussion on the draft Terms of Reference, the four suggested workstreams and ways of working. Discussion points included:

- The Chair confirming the workstream leads as:
 - o Workstream 1: Deployment Pathway options – Patrick Dixon to lead
 - o Workstream 2: Finance, Legal and Risk – Allan Baker to lead
 - o Workstream 3: Project Delivery and Business Models (including CO₂ transport and storage options) – Paul Davies to lead
 - o Workstream 4: Innovation and New Technologies – Laura Sandys to lead
- The Taskforce will meet in plenary every calendar month until July 2018.
- Agreement that the workstream leads should have the freedom to set their direction and process and meeting schedule, while working closely with the Chair and each other to ensure consistency across the report.

- A survey will be sent out to gather views of members on key topics to identify areas of commonality and areas where discussion and alignment may be required (or where the industry has divergent views) to inform the work of each workstream and the March plenary.
- Available evidence will be collated and distributed to members via an online portal.
- The Taskforce is not expected to produce or commission new quantitative analyses, but is encouraged to use previous reports where appropriate to evidence their recommendations.
- The Taskforce discussed the timeline for producing the report including key dates for production of workstream chapters and delivery of the final report to Government.
- Taskforce members were asked to recommend any additional members that may make a useful contribution to the work of the Taskforce.

Actions

- Chair and BEIS to diarise monthly plenary sessions.
- Chair and BEIS to circulate list of key dates.
- BEIS to circulate expectations for Taskforce.
- BEIS to circulate details of the online collaboration tool.
- Workstream leads to organise first meetings – W/C 19th February.
- In first meeting, workstreams to set out questions that they want to answer and nominate people who will be responsible for coordinating/writing the Report section for that workstream – set these out in 2nd plenary session.
- Workstream leads to appoint a member to take minutes of workstream meetings.
- Chair and BEIS to discuss workstream support and feedback to workstream leads.
- Chair to consider the level of detail in the report. BEIS to publish example of previous cost reduction reports.
- BEIS to circulate previous reports and evidence on CCUS via online portal.

Attendees

- The Rt. Hon. Claire Perry MP – Minister for Energy and Clean Growth
- Charlotte Morgan – Linklaters
- Ashley Ibbett – Director of Clean Electricity, BEIS
- Patrick Dixon – Independent
- Paul Davies – Independent
- Laura Sandys – Challenging Ideas
- Matt Taylor – Deputy Director of Clean Electricity, BEIS
- Will Lochhead – BEIS
- Dalia Majumder-Russell – Linklaters
- Jo Coleman – Shell
- Gardiner Hill – BP

- Lamberto Eldering – Statoil
- Stephanie Hazell – OGCI Climate Investments
- Paul Booth – Tees Valley Combined Authority
- Damien Hawke – Cadent Gas
- Jeremy Nicholson – Energy Intensive Users Group
- Rodney Allam – 8Rivers & NetPower
- Geof Stapledon - BHP
- John Scowcroft – Global CCS Institute
- David Reiner – Cambridge University
- Dustin Benton – Green Alliance
- Luke Warren – Carbon Capture & Storage Association
- Ian Temperton – Independent
- Angela Whelan – Ecofin Foundation
- John Scott – Zurich
- Nicola Pitts – National Grid
- Alan Simpson – Summit Power
- Aniruddha Sharma – Carbon Clean Solutions
- Simon De Vall – BOC Linde
- Sam French – Johnson Matthey
- Matthew Knight – Siemens
- Duccio Manetti – Baker Hughes GE
- Paula Carey – Carbon8 Systems
- Alan James – Pale Blue Dot
- Trude Sundset – Gassnova
- Jon Gibbins – UKCCSRC
- Geoffrey Maitland – Imperial College London
- Debbie Stockwell – Sandbag
- Jason Golder – The Crown Estate
- Tom Mallows – The Crown Estate Scotland
- Stuart Haszeldine – Scottish CCS
- Dominique Copin – Total
- Bill Spence – OGCI
- Stuart McKay – Scottish Government
- Richard Leese – Mineral Products Association
- Barbara Vest – Energy UK

Observers

- Nikki Brain – Carbon Capture & Storage Association
- Meg Nicolaysen – HM Treasury
- Andrew Bullimore – Oil and Gas Authority
- Nick Bevan – BEIS
- David Fielder – BEIS

- Amy Cutter – BEIS
- Jonathan Baker-Brian – BEIS

Apologies

- Allan Baker – Société Générale
- Stephen Kerr – Summit Power
- Bryony Livesey – Costain