

UK CCSC Network 30-31 March Meeting

Edinburgh

Approximately 100 academics, government/regulators, and industry representatives attended our meeting held over the two days.

30 March Plenary Discussion following Jon Gibbin's presentation of Jacqui Williams' slides.

Discussion of CCS research and funding

Is CCS research and funding levels adequate? Are there areas where we still need to work?

- Greater linkages between pilot plants and demonstrations projects and academia would be beneficial. i.e. some on-site student training, although it's understood that there will be some limitations due to proprietary information.
- Funding for post-combustion capture is needed as the underpinning science still needs work, despite it being considered an industry/commercial area.
- Interdisciplinary research should be encouraged more to undertake CCS implementation
- It was felt that EPSRC has good communication lines amongst academics, industry and the RCUK, but that perhaps NERC could improve their communication lines with respect to CCS
- It was noted that NERC is planning more collaboration with EPSRC being an example to include more linkages with TSB and TRLs
- NERC should be invited to attend our next UKCCSC Network Meeting

Storage Demonstrations – this particular idea or research need was brought up and discussed by a variety of attendees.

- Storage demonstration sites in the UK are not being funded at the academic (like they are in the US) scale but are needed to prove viability
- It was felt that research councils may not be able to fund storage demonstrations in their entirety, but they should help with research funding in partnership with other funding sources. Government with industry support and additional academic research funding is a more likely scenario.
- Costs for a demonstration project were not explicitly known by the group, but agreed that Stuart Haszeldine might have a better handle on the approximate costs involved for different storage scenarios (e.g. onshore vs. offshore)
- There was a question about being able to get NERC and the Office of CCS together to discuss ability of establishing a demonstration storage site.
- It was felt that we should be looking to identify a handful of future storage sites in the UK that are both small scale and realistic at the academic scale, as this isn't something that UK scientists currently have established.
- BGS was in talks with people in Lincolnshire a while back about a small pilot storage project, but it was uncertain where that went.
- We could get with US storage projects to see how they funded and developed storage research at the pilot scale.
- Assuming the geologists want to follow-up this idea in more details, UK CCSC Network will work on getting a group of people together for a specialist

meeting to explore this option in more details and develop some concrete ideas for how the UK can establish a demo storage site(s).