



SCCS

PhD Consortium 2023

Bringing academia and
industry together

Introduction to the PhD Consortium

Professor Eric J Mackay, Heriot-Watt
University

04/12/2023



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PhD Consortium 2023

Bringing academia and industry together

- PhD Consortium to improve knowledge exchange between CCUS (and other) industry and academia
 - Biannual event/conference
- Academic research is informed by industry needs and develops industry useable knowledge and tools
- Industry is aware of and informed by latest research advances
- Industry uptake of research

- Subsurface and related areas of research for energy transition and net zero
 - Technical
 - Policy
 - Legal
 - Social
 - Economic

Membership

- Industry entry level
 - all presentations
 - up to 8 attendees at biannual conference
- Industry leader level
 - all presentations
 - unlimited attendees at conferences
 - sponsor and steer one PhD project

04/12/2023



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Objectives

Primary

- **Improve knowledge exchange between industry and academia**
- 50 PhDs and Postdocs from SCCS partners to present results to industry/business/regulators every 6 months
- Receive regular industry *feedback*

Secondary

- **Funding of PhD studentships for specific projects**
- Receive regular industry *steer*





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Outcomes

- Better informed research (by industrial needs)
- Better integrated research (across CCS chain & related areas, across Scottish universities)
- Uptake of research findings and application by industry
- Development of new industry focused research and training activities
- Development of industry funding streams
- PhDs & PDRAs better prepared to work in CCS/carbon management industry
- Improved recruitment for PhDs & PDRAs into CCS/carbon management industry
- Improve expertise & employability of industry personnel

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Follow-up

We'll be in touch following today's event.

If you'd like to contact us before then:

- info@sccs.org.uk
- www.sccs.org.uk





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Thank you

