



SCCS

PhD Consortium (Autumn) 2024

Bringing academia and
industry together

Welcome & Introduction to the PhD Consortium

Richard L Stevenson

Projects & Research Analyst, SCCS

02/12/2024



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Agenda (i)

10:15 Introduction to the PhD Consortium - Richard L Stevenson, SCCS

10:15 Keynote - Philip Salter, University of Strathclyde

10:45 ECR Talk- Emma Bedda, British Geological Survey

11:15-11:45 Break

11:45 ECR Talk - Sarah Perez, Heriot-Watt University

12:15 ECR Talk - Mark Stillings, University of Strathclyde

12:45 ECR Talk - Lawrence Wilcox, University of Aberdeen

13:15-15:00 Lunch + Poster session

15:00 ECR Talk - Isabella Quaranta, The University of Edinburgh

15:30 ECR Talk - Ruby Morris, University of Glasgow

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Agenda (ii)

16.00 Impact acceleration and commercialisation

- Maxine Akhurst, British Geological Survey
- Hjalmar Eriksson, Edinburgh Innovations
- Fiona Pilgrim, Edinburgh Innovations
- Kate Symons, Scotland Beyond Net Zero
- Kristina Tamane, Scottish Enterprise
- Lissa Herron, Converge Challenge

16.50 Closing remarks - Richard L Stevenson, SCCS

17:00-18:00 Drinks reception



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Housekeeping

- Rest/cloak rooms – Atrium and T&S Room
- Catering - Atrium and Breakout Room

- No scheduled fire drill
- Leave by emergency exits
- Follow SCCS / ECCI staff
- Muster point: Forecourt (front of building)



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Sponsor

PETERHEAD
**CARBON CAPTURE
POWER STATION**

A collaboration between **SSE Thermal** and **Equinor**

Supporters



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Our mission

Accelerating CCS innovation and deployment
through international research and knowledge
exchange



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Linking academics, industry and government

6 research organisations



British Geological Survey



UNIVERSITY OF ABERDEEN



University of Glasgow



University of Strathclyde Glasgow



UK's largest CCS research partnership focussed on improving efficiency, economics & public perception to support its worldwide deployment



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SCCS Organisation

SCCS Secretariat



Dr Gillian White
SCCS Programme Manager

Management
[See Profile](#)



Dr Andrew Cavanagh
Net Zero Policy & Storage Expert

Research
[See Profile](#)



Dr Erika Palfi
Scientific Research Officer

Research
[See Profile](#)



Richard Lo Bianco
Digital Communications Officer

Communications
[See Profile](#)



Richard Lindsay Stevenson
Project & Research Analyst

Research
[See Profile](#)



Dr Romain Viguier
Business Development & Project Manager

Management
[See Profile](#)

SCCS Directorate

Director: Professor Stuart Haszeldine, School of Geosciences, The University of Edinburgh

Representatives of each of the research groups and theme leaders in SCCS

SCCS Advisory Board

YOenergy
Diageo
Hydrogen Scotland
Scottish Enterprise
INEOS Grangemouth
Shell
Altrad Babcock
Crown Estate Scotland
Saudi Aramco



British Geological Survey



University of Glasgow



University of Strathclyde Glasgow

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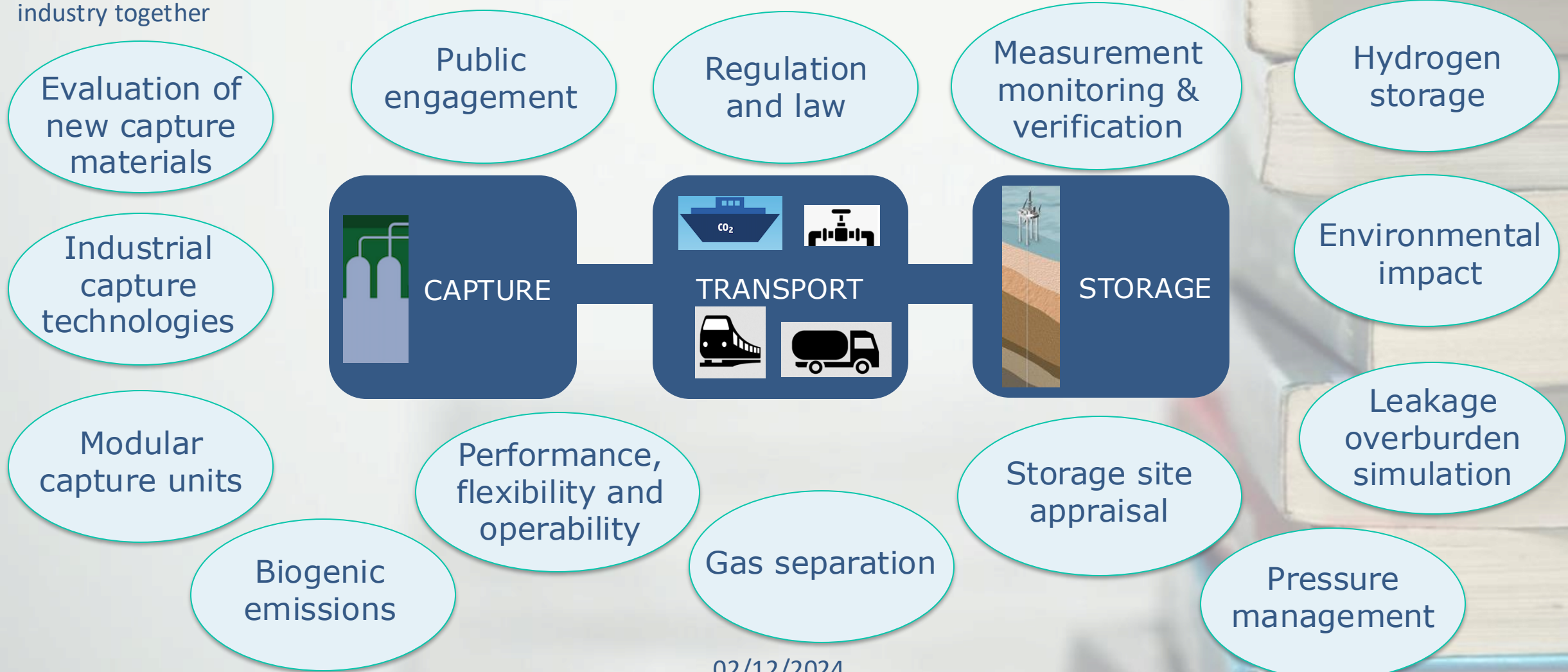


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Research and expertise across the full CCS chain (and more)





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Current and recent projects





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The PhD Consortium

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Overview

- Annual ECR research showcase to improve knowledge exchange between CCS (and other) industry and academia
- 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



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Objectives

Primary

- **Improve knowledge exchange between industry and academia**
- 50 ECRs (PhDs and Postdocs) from SCCS partners to present results to industry/business/regulators annually
- Receive 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
- ECRs better prepared to work in CCS/carbon management industry
- Improved recruitment for ECRs 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:

Speak with us today

info@sccs.org.uk

www.sccs.org.uk



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Thank you

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