



International Workshop on Offshore Geologic CO₂ Storage

Sixth International Offshore Geologic CO₂ Storage Workshop
September 13–14, 2023



AGENDA

Day 1 – Wednesday 13 September 2023

SESSION 1: Welcome & Scene Setting

1.1 Welcome | Nick Forsyth, University of Aberdeen

1.2 Welcome from IEAGHG and UT Austin | Tim Dixon, IEAGHG & Katherine Romanak, University of Texas

1.3 What is different about Offshore | Owain Tucker, Shell

SESSION 2: Project Round-Up

- 2.1 Acorn, UK | Iain Morrison, Storegga
- 2.2 Prinos, Greece | Katerina Sardi, Energean
- 2.3 Corpus Christi, USA | Tip Meckel, presented by Katherine Romanak, University of Texas
- 2.4 Viking CCS, UK | Andrew Hood – Harbour Energy
- 2.5 Pilot Strategy, Portugal | Maria Helena Caeiro, University of Évora
- 2.6 Northern Lights, Norway | Catalina Acuna, Northern Lights
- 2.7 South Korea | Axel Lemus, CCUS
- 2.8 Porthos, Netherlands | Kike Beintema, EBN
- 2.9 Liverpool Bay, UK CCUS project | Manotti Matteo – ENI
- 2.10 Deep C Store, Australia | Daein Cha – Deep C Store
- 2.11 Taiwan | Cheryl Yang, ITRI
- 2.12 Poseidon & Orion, UK | Nick Terrell, Carbon Catalyst
- 2.13 Gulf of Mexico, USA | Rahul Umrani, Talos Energy
- 2.14 Pre-Salt play, Brazil | Ana Paula Musse, Petrobras
- 2.15 Pelican Project, Australia | Jane Burton, Victoria State Government
- 2.16 Enping, China | Liwei Zhang, Chinese Academy of Science
- 2.17 Timor Leste | Francelino A. Xavier-Conceicao, ANPM

SESSION 3: Injection & Wells

- 3.1 Managing our well stock | Owain Tucker, Shell & Nicola Clarke, IEAGHG
- 3.2 Capacity/pressure space – Gulf of Mexico | Alex Bump, University of Texas
- 3.3 Interactive session, Key aspects to planning a CO₂ storage site | Alex Bump

SESSION 4: Legal, Regulatory & Accounting

- 4.1 Delivering Carbon Storage on the UK Continental Shelf – The NSTA’s role in regulating and stewarding activity at pace and scale | Matthew Farris, North Sea Transition Authority
- 4.2 ISO Update: WG3-27914 | Simon O’Brien, Shell
- 4.3 Transport of CO₂ for Offshore Storage under the London Protocol | Tim Dixon, IEAGHG
- 4.4 Implications of the Net Zero Industry Act for CO₂ storage development in the EU | Toby Lockwood, CATF
- 4.5 Recent Advancements in the Carbon Capture and Storage (CCS) Regulatory Framework in Brazil: Progress and Prospects | Isabela Morbach, CCS Brazil

SESSION 5: Interaction with Other Users of the Seabed

5.1 The competition for offshore real estate: Windfarms and Hybrid Uses | John Underhill, University of Aberdeen

5.2 The role of CCS in an integrated energy system at the North Sea | Joris Koornneef, TNO

Day 2 – Thursday 14 September 2023

SESSION 6. Transport & Infrastructure

6.1 Development and operation of CCS pipeline network | Stefan Belfroid, TNO

6.2 CO₂ Shipping Developments | Ajay Edakkara, Shell

6.3 Qualitative Well Integrity Risk Assessment for Carbon Storage in the Gulf of Mexico Depleted Fields | Brigitte Petras, Battelle

6.4 Practical Approaches to CO₂ Subsurface Storage Risk Assessment | Sheryl Hurst, Risktec

SESSION 7. Stakeholder Engagement

7.1 Stakeholder views on offshore monitoring in the Gulf of Mexico | Katherine Romanak, University of Texas at Austin

7.2 Key determinants of public reactions to CCS in the UK: What shapes acceptance? | Darrick Evensen, University of Edinburgh

7.3 Stakeholder Engagement and a Just Transition - What is required of CCS? | Tavis Potts, University of Aberdeen

7.4 DOE's Stakeholder Engagement Efforts in the Wake of the U.S. Bipartisan Infrastructure Law's \$12 Billion Investment in Carbon Management | Mary-Ellen Kwong, US Department of Energy

SESSION 8. Monitoring

8.1 Greensand Monitoring Research | Andreas Szabados, Wintershall DEA

8.2 DAS deployed at seabed for Passive Seismic Monitoring: Application to CO₂ Storage | Estelle Rebel, Total Energies

8.3 Acorn – Measurement, Monitoring and Verification (MMV) Planning | Gwilym Lynn, Shell

8.4 The Northern Lights CO₂ transport and storage company: How we built a robust monitoring and response plan | Catalina Acuna, Northern Lights

SESSION 9. Environmental Aspects

9.1 Environmental monitoring strategies developed through controlled release experiments | Marius Dewar, PML

9.2 Potential environmental impacts from offshore CO₂ storage in the UK | Paul Wood, Shell

9.3 Considerations for new seismic data acquisition supporting CCS in the Gulf of Mexico | Tip Meckel, presented by Katherine Romanak, University of Texas at Austin

9.4 Environmental monitoring of offshore carbon storage – Experience from ACT4storage and outlook for Smart AUVs | Ann Blomberg, NGL

SESSION 10. Closing

