

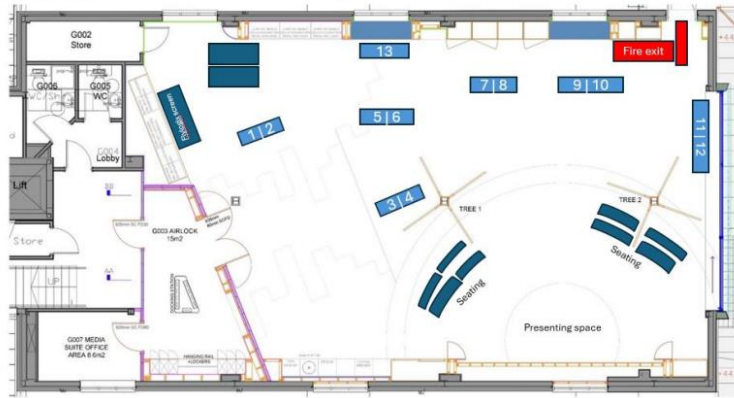
CCS Monitoring (MMV) Technology Showcase

Tuesday, 29 October 2024, 0900-1600, NZTC 20 Queen's Road, Aberdeen

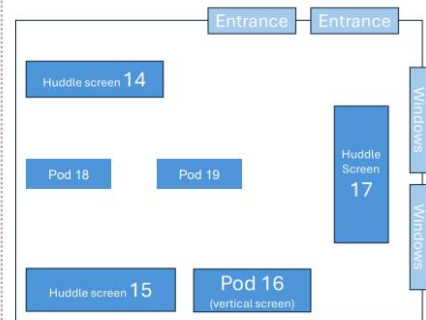
09:00	Arrival, registration and coffees
09:30	NZTC - Welcome and safety brief
09:40	NSTA - Introduction and keynote
Session 1: MMV technology selection for projects	
10:00	Storegga - MMV requirements and technology way forward - Findings of the CS Task Force
10:15	Spirit Energy – Monitoring strategies and technologies at Morecambe Net Zero
10:30	ExxonMobil - CS monitoring philosophy and onshore experience at LaBarge
10:45	TGS - Deploying monitoring technologies at European carbon storage projects
11:00	Shell - Induced seismicity monitoring for offshore CCS
11.30-12.45 - Technology showcase & networking (sandwich lunch will be served)	
Session 2: Geophysical and in-well technologies	
12:45	SLB – Monitoring technologies for Carbon Storage
12.55	TensorGEO - Passive seismic/Microseismic monitoring during CO2 injection
13.05	Baker Hughes - Holistic approach to CCS site monitoring: safety & compliance through advanced MMV
13.15	Reach Subsea - Gravity and seabed displacement monitoring for CO2 injection
13.25	SpotLight Earth – Unlock predictive maintenance for CCS
13.35	Expro - Downhole monitoring for CO2 stores
13:45-14:30 - Technology showcase & networking	
Session 3: Well and marine monitoring	
14:30	Weatherford - Optical sensing in CCS surveillance
14:40	Metrol Technology - Downhole wireless monitoring for carbon storage
14:10	Halliburton - CCS as a dynamic system (and implications for MMV)
15:00	Quantum Pro – Intelligent tracers for CO2 geological storage
15:10	Fugro - Seismic, seabed and water column monitoring - Integrated examples from the US GOM
15:20	NOC Innovations – Autonomous monitoring service (AMS)
15:30 - Technology showcase & networking	
16:00	Session closing

Technology developers and suppliers

Hub level



Upper level



Exhibitors

Hub level

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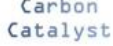
Upper level

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Technology Developers and Suppliers		
TGS	Integrated carbon storage site characterization and monitoring capabilities	Pod 1
Sentinel Subsea	Passive well technology continuously monitoring the integrity of subsea wells for oil & gas and carbon capture	Pod 2
SolGeo	Geophysical instrumentation and seismic monitoring systems for applications in multiple industries	Pod 3
NOC Innovations	Turn-key solutions for CCS monitoring using Autonomous Monitoring Services (AMS)	Pod 4
Metrol	Wireless pressure/temperature outflow monitoring tools	Pod 5
SpotLight	Monitor CO2 induced changes in the subsurface using a single source/receiver pair	Pod 6
Quantum Pro	Innovative tracer technologies for use in oil & gas and carbon storage monitoring	Pod 7
Baker Hughes	Holistic approach for the data acquisition, modeling, and monitoring across carbon capture, transport, and storage	Pod 8
Viridien	Carbon storage and monitoring solutions to identify, de-risk and optimize CO2 projects for safe, effective injection and storage	Pod 9
Weatherford	Complete sensing solutions for CCS well surveillance	Pod 10
Expro	Comprehensive well monitoring technologies, including wireless gauges, and in-well flow measurement, for O&G and CCS	Pod 11
Reach Subsea	Gravity and seabed displacement monitoring for CO2 injection	Pod 12
Haliburton	Carbon storage monitoring technologies integrating logging, fibre optics, and subsurface gauges	Pod 13
<u>Upstairs:</u>		
SLB	Comprehensive portfolio of technologies for the characterisation, modelling, and monitoring of carbon storage sites	Pod 14 (upstairs)
Silixa	Advanced fibre optic sensing solutions for the monitoring of all stages of CCS sites	Pod 15 (upstairs)
Cambridge Biomagnetics	Uniquely designed magnetic nano-tracers for various applications, including electromagnetic (EM) surveys of geological formations	Pod 16 (upstairs)
Fugro	Passive and autonomous technologies for the characterisation and monitoring of CO2 storage sites	Pod 17 (upstairs)
<u>Not exhibiting:</u>		

Tensor Geo	Near real-time monitoring of stored CO2 with passive seismic technology offering high resolution imaging	
Sonardyne	Seabed and marine monitoring integrating chemical and biological sensors to provide a complete view of the environment	
Ocean Infinity	Innovative robotic technology, lean-crewed and uncrewed vessels for offshore monitoring and operations	

List of delegates

Presenters	Exhibitors	Attendees
     Subsea Microseismic Technology	            APPLIED INTELLIGENCE	             
Organisers	    	

<u>Company</u>	<u>Name</u>	<u>Surname</u>
Baker Hughes	Steve	Travers
Baker Hughes	Aleksandra	Khramtseva
bp	Pierpaolo	Marchesini
bp	Dushyant	Sharma
Cambridge Biomagnetics	Bill	Colquhoun
Cambridge Biomagnetics	Theo	Trypiniotis
Cambridge Biomagnetics	Thanos	Mitrelias
Chevron	Paul	Slater
ENI	Rodrigo	De Sainz Simpson
EnQuest	Rahim	Masoudi
Equinor UK Limited	Karen	Sinza
Expro	James	Yard
Expro	Stuart	Berry
Expro	Michael	Webster
ExxonMobil	Patricia	Montoya
ExxonMobil	Ivan	Fabuel-Perez
Fugro	Yosmel	Sanchez-Hernandez
Fugro	James	Faroppa
Halliburton	Patrick	Lynch
Halliburton	Glenn	Wilson
Harbour Energy	Chris	Izatt
Harbour Energy	Duncan	Taylor
Harbour Energy	Kevin	Grant
Harbour Energy	Tom	Martin
Metrol	Gavin	Leel
Metrol	Dan	Tredinnick
NOC Innovations	Layton	Quinton
NOC Innovations	Andrew	Morris
Northern Endurance Partnership	Michael	McGhie
NSTA	Mhairi	Begg
NSTA	Ernie	Lamza
NSTA	Ian	Barron
NSTA	Lyndsay	van Oorschot
NSTA	Carlo	Procaccini
Ocean Infinity	Sam	Taylor
Quantum Pro	Barry	Simpson
Reach Subsea	Filipe	Borges
Reach Subsea	John	Lindgard
Reach Subsea	Nils-Eivind	Holmedal
Sentinel Subsea	Neil	Gordon
Sentinel Subsea	Andrew	Jaffrey
Shell	Steve	Oates

Silixa	Michael	Mondanos
Silixa	Sinem	Yavuz
SLB	Ryan	Morrison
SLB	Mike	Branston
SLB	Majid	Faskhoodi
Solgeo	Paul	Howlett
Solgeo	Francesco	Grigoli
Sonardyne International Ltd	Stephen	Auld
Spirit Energy	Helen	Basford
Spirit Energy	Stephen	Cameron
Spirit Energy	Andrew	Jay
Spirit Energy	John	Lynch
SpotLight	Habib	Al Khatib
SpotLight	Elodie	Morgan
Storegga	Elle	Lashko
Storegga	Lizzie	Whiteley
Synergia	Melvyn	Horgan
Tenzor Geo	Roy	Bitrus
TGS	Nick	Lee
TGS	Bent	Kjolhamar
TGS	Jon	Nicholls
TotalEnergies	Romain	Rebut
Veri Energy	Mark	Johnson
Viridien	Steve	Hollingworth
Viridien	Harrison	Moore
Weatherford	Patricio	Wehncke
Weatherford	Ian	Vaughan
Weatherford	Terry	Davidson