



SiteChar Closing Conference

28 November 2013 ■ IFPEN

Characterisation of European CO₂ storage



AGENDA

Morning 8:30 – 12.30			
Site characterisation for storage permitting			
Guidelines for the preparation (for operators) and review (for regulators) of a CO ₂ storage permit application			
8:00 – 8:30	Registration		
8:30 - 8:50	F. Kalaydjian (IFPEN)	Welcome address	
8:50 - 9:20	F. Delprat-Jannaud (IFPEN)	The SiteChar project SiteChar Closing Conference Agenda	Chair: H. Pagnier
9:20 - 9:30	S. Mc Kay (Scottish Gvt)	Statement of Support from the Scottish Government	
9:30 - 10:00	M. Akhurst (BGS)	Developing a storage permit: A risk assessment led characterisation	
10:00 - 10:30	C. Nielsen (GEUS)	Developing a storage permit for an onshore aquifer	
10:30 - 10:50	Break / Poster session		
10:50 - 11:20	J. Pearce (BGS)	Dry-run storage permit applications Lessons learned from the perspective of operators and regulators	Chair: F. Kalaydjian
11:20 - 12:20	• L. Perrette (MEDDE) • A. Kneppers (GCCSI) • H. Hoyadalsvik (Gassnova) • F. Dalhoff (Vattenfall) • R. Thorsen (Statoil)	Discussion / Panel of experts • What is good enough to gain a storage permit? • What issues regarding storage permits still require clarity from the regulatory perspective? • Which criteria to assess long-term security and support liability transfer?	Moderator: F. Kalaydjian
12:20 - 12:30	Group photo		
12:30 - 14:00	Lunch		
Afternoon 14.00 – 18.30			
The SiteChar workflow for integrated and accountable site characterisation			
Insights from research to answer the issues of a storage permit			
14:00 - 14:20	F. Neele (TNO)	The SiteChar workflow to answer the requirement of characterization	Chair: F. Delprat-Jannaud
14:20 - 14:40	A. Lothe (SINTEF)	Estimating the storage capacity: the first but still challenging step	
14:40 - 15:00	V. Volpi (OGS)	Evaluating the storage geomechanical stability	
15:00 - 15:20	S. Nagy (AGH)	Assessing the well integrity	
15:20 - 15:40	Break / Poster session		
15:40 - 16:00	S. Brunsting (ECN)	Public engagement activities to inform development of a storage permit	Chair: J. Pearce
16:00 - 17:00	• W. Hull (EON) • V. Kougionas (EC) • O. Tucker (Shell) • D. Taylor (DMT Energy Consulting) • C. Skriung (Zero)	Discussion / Panel of experts • How to prioritise risk reduction and balance characterisation with costs? How to define an effective cost-reduction strategy? • Role of operators and state authorities in supporting site characterisation? • How to get a 'social ticket to ride'?	Moderator: J. Pearce
17:00 - 17:15	F. Delprat-Jannaud F. Kalaydjian	Key learning of the projects / Next steps required for the deployment of CCS	
17:15 - 18:30	Poster session / Cocktail		

POSTERS

Assessment of the geomechanical behaviour of the Grazia reservoir via coupled fluid flow and geomechanical simulations	A. Baroni, A. Estublier, J.F. Nauroy, F. Delprat-Jannaud - <i>IFPEN</i>
Near-surface geochemistry baseline surveys during the CCS site characterisation process: the influence of land-use and seasonal variability.	S. Beaubien - UniRoma
Pore network modelling to determine the petrophysical property changes in presence of a reactive fluid: from pore to reservoir scale	S. Bekri - <i>IFPEN</i>
'I reject your reality and substitute my own': Why knowledge about CO ₂ storage hardly improves public attitudes	S. Brunsting, M. de Best-Waldhober, B. W. Terwel - <i>ECN</i>
Effects of Text and Visual Depictions of CO ₂ Storage on Information Processing, Risk Perceptions, and Attitudes	S. Brunsting, M. De Best-Waldhober, H. Riesch, D. Reiner - <i>ECN</i>
SiteChar: Characterisation of European sites for CO ₂ storage	F. Delprat-Jannaud (<i>IFPEN</i>) & the SiteChar team
CO ₂ – Fluid - Rock interaction and its impact on petrophysical properties of reservoir rock	J. Kummerow, E. Spangenberg, R. Naumann - <i>GFZ</i>
Characterisation of an onshore gas reservoir, Zalecze-Zuchlow site, Poland. Part I Data verification and construction of the static model at basin and reservoir scale	S. Nagy, B. Papiernik, Ł. Klimkowski, T. Włodek (<i>AGH</i>), M. Mazurowski (<i>PGNiG</i>),
Characterisation of an onshore gas reservoir, Zalecze-Zuchlow site, Poland. Part II Flow simulations and elements of geomechanics. Well integrity analysis of old wells	S. Nagy, Ł. Klimkowski, K. Polański, T. Włodek (<i>AGH</i>), B. Orlic (<i>TNO</i>), T. Kempka (<i>GFZ</i>), M. Mazurowski (<i>PGNiG</i>), F. Delprat-Jannaud (<i>IFPEN</i>)
Dry-run licence application. The onshore Vedsted structure, NW Denmark	C. Nielsen and P. Frykman - <i>GEUS</i>
Assessment of pre-injection caprock fracture percolation and CO ₂ injection induced geomechanical stability at a multi-store Scottish site	J.Q. Shi, M. Babaei, J. Smith, A. Korre and S. Durucan - <i>Imperial</i>
Flow modelling of CO ₂ injection into Trøndelag Platform and a synthetic field in Halten Terrace, offshore mid-Norway	J.Q. Shi, M. Babaei, D. Chen, R. Govindan, A. Korre and S. Durucan - <i>Imperial</i>
Characterisation of a potential CO ₂ storage site in a carbonate aquifer: example from the South Adriatic offshore	V. Volpi, E. Forlin, D. Civile, F. Donda, M. Caffau, C. Sauli (<i>OGS</i>), A. Baroni, A. Estublier, J.F. Nauroy, F. Delprat-Jannaud (<i>IFPEN</i>), S. Kuczyński (<i>AGH</i>), I. Larsen, A. Lavrov (<i>SINTEF</i>).