



CO₂NET 2009 Annual Seminar Agenda

Community Capacity Building for Carbon Capture and Storage

Thursday 18 June – Friday 19 June 2009

Statoil Research Centre, Trondheim, Norway, hosted by StatoilHydro



Day 1 – Thursday Morning 18 June 2009

08.00	Registration – Auditorium Foyer	
	AUDITORIUM	FOYER
08.45	Welcome and Introduction – Safety Briefing	Poster Exhibition of FP6, FP7, national and industrial projects
	TECHNICAL SESSION – Putting different aspects of CCS into context Chair: Claude Roulet, Eurogif	
09.00-09.25	What we have learnt from regulatory development and large scale projects – update – John Gale, IEAGHG	
09.25-09.50	“Combating Climate Change” – the bigger picture and where CCS fits in - Jesse Fahnestock, Vattenfall C3 initiative	
09.50-10.15	CCS Technology developments in Australia - Paul Feron, CSIRO	
10.15-10.40	Refreshments and Networking	
	TECHNICAL SESSION – Putting different aspects of CCS into context Chair: Philip Ringrose, StatoilHydro	
10.40-11.05	HSE in planning and operation of CCS – Isabelle McKenzie, Equilibrium Energy	
11.05-11.30	Practical CCS storage options and issues / problems regarding infrastructure development for capture and geological storage – Pierre Le Thiez, Geogreen	
11.30-11.55	Progress from the Vattenfall CCS Demonstration projects in Denmark and Germany: CO ₂ Storage and Transportation – Christian Bernstone, Vattenfall	
11.55-12.20	Global ramp-up of CCS – the challenge and importance of practical projects: Jan Kjärstad et al, Chalmers University	
12.20-13.35	Lunch and Networking. Poster Exhibition	



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Day 1 – Thursday Afternoon 18 June 2009

	AUDITORIUM	FOYER
	TECHNICAL SESSION – TECHNOLOGY OVERVIEW AND WHAT NEXT? Chair: Vit Hladik, CGS	Poster Exhibition of FP6, FP7, national and industrial projects
13.35-14.00	Overview of storage – how close is it to commercialisation? what are the remaining problems? – a scientific perspective – Sergio Persoglia, CO2GEONET	
14.00-14.25	Overview of capture technologies – which are close to market? – Nils Anders Rokke, SINTEF	
14.25-14.50	Lessons From Current Storage Projects And Plans For Next Sites – Philip Ringrose, StatoilHydro	
14.50-15.15	Recommendations And Methodology For CO ₂ Storage Sites In Saline Aquifers And Oil Reservoirs from Dynamis Project Case Studies - Vincent Vandeweyer, TNO et al	
15.15-15.40	Refreshments and Networking	
	DEBATE SESSION – PUBLIC COMMUNICATION / THE CO₂NET DEBATE Chair: Aage Stangeland, Bellona	
15.40-15.45	Introduction to the Public Perception session – Aage Stangeland, Bellona	
15.45-16.10	CARMA – Carbon management in Swiss power generation - first results on public awareness, mineral carbonation and geological storage potential - Marco Mazzotti, ETH Zurich	
16.10-16.25	Status of public perception on CCS – Carbon Capture and Storage – a Comparative Study of Public Opinion and Perception in Different Countries - StatoilHydro Public Perception Project - Michael Djan (Masters student at NTNU)	
16.25-17.25	Interactive panel discussion with representatives from industries, research, NGOs, and authorities answering questions related to public perception of CCS from both the audience and the chair who should prepare questions in advance on: Why public communication is important? - Challenges related to public communication - How to address public communication. Examples of scenarios showing how public communication can influence the future.	
17.25-17.30	Concluding remarks – Samuela Vercelli, University of Rome	
17.30	Buses return to hotel	
19.15 for 20.00	Buses depart for Network Buffet Dinner	



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Day 2 – Friday Morning 19 June 2009

AUDITORIUM		FOYER
	GENERAL ASSEMBLY – Board Chairman: Claude Roulet, Schlumberger / Eurogif	Poster Exhibition of FP6, FP7, national and industrial projects
08.30-09.00	CO2NET – future activities and collaborations, CO2NET EAST – report.	
	TECHNICAL SESSION – TECHNOLOGY TRANSFER Chair: Roberto Bencini, Independent Resources	
09.00-09.25	Assessing European Capacity for Geological Storage of Carbon Dioxide – EU GeoCapacity – Karen Lyng Anthonsen GEUS et al	
09.25-09.50	Monitoring a CO2 storage site – Guillemette Picard, Schlumberger	
09.50-10.15	Insights into the Deep Biosphere and its related changes with CO2 injection - Andrea Vieth, GFZ	
10.15-10.40	Practical experiences with CO2 EOR & EGR within MOL operations – Peter Kubus, MOL	
10.40-11.15	Refreshments and Networking. Last chance to study the posters	
AUDITORIUM		MEETING ROOM 2
	TECHNICAL SESSION - RISK – TECHNOLOGY TRANSFER Chair: Ishfaq Ahmed, ConocoPhillips	TECHNICAL SESSION - CAPTURE – TECHNOLOGY TRANSFER Chair: Marco Mazzoti, ETH Zurich
11.15-11.40	Evaluation of the Leakage Risk: A method based on Leakages Scenarios Construction - Stéphanie Saunier, Schlumberger Carbon Services	CACHET Lessons Learned And What Next? – Daan Jansen ECN et al
11.40-12.05	"Proche-puits and injectivity issues"- What could happen around the wellbore as the CO2 is injected?" – Mohamed Azaroual, BRGM	Chilled ammonia technology – Arne Ellestad, Alstom Power, Norway
12.05-13.20	Lunch and Networking.	Dismantle poster session



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Day 2 – Friday Afternoon 19 June 2009

AUDITORIUM	
	TECHNICAL SESSION – TECHNOLOGY TRANSFER / WRAP UP Chair: Philip Sharman, Alstom Power
13.20-13.45	Monitor the marine environment over a subsea CO ₂ storage site - Guttorm Alendal, University of Bergen
13.45-14.10	Overview of CO ₂ capture at Mongstad – Gelein de Kojer / Geir J. Rørtveit, StatoilHydro
14.10-14.35	CO ₂ EOR Pilot Results at Ivanic field and plans for full field CO ₂ EOR – Dubravko Novosel, INA
14.35-15.00	EC's perspectives of the demonstration of CCS – Petre Petrov, EU DGRes
15.00-15.20	Knowledge to Take Away – Summary and Conclusions – Tore Torp, StatoilHydro
15.30	Seminar Close

Lessons Learned will be captured during the seminar by our rapporteurs and will be available on the members' area of the CO₂NET website www.co2net.eu

CO₂NET established 1999



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Poster Exhibition – Foyer

CCS option in the Baltic Region – challenges and possible solutions - Alla Shogenova -Tallinn Technical University
Industrial CO ₂ Emissions and Geological Storage Possibilities in Romania – Constantin Sava - GeoEcoMar - National Institute for Marine Geology & Geoecology
A coordinated CCS potential evaluation in Slovakia, Czech Republic, Poland, Lithuania, Latvia and Estonia - S.Sliaupa - Institute for Geology & Geography, Vilnius
State of Art Position of Carbon Capture & Storage Activities in the Slovak Republic - Ľudovít Kucharič – Institute of Geology, Slovakia
Permanent seismic storage monitoring - Alan Strudley& Tracey Ives – Stingray Geophysical
Definition of a risk analysis method combining long-term and short-term issues and application to the different life stages of CCS – Phillipe Gomert - INERIS.
Low temperature carbonation of stainless steel slag for CO ₂ storage – Renato Baciocchi et al – Rome University
Industrial CO ₂ Emissions and Geological Storage Possibilities in Romania - Amuliu Proca et al , - NHN Econinvest
CBM - ECBM in Tuscany, Italy – Roberto Bencini - Independent Resources
Development of an adsorption process for pre-combustion CO ₂ capture (DECARBIT) – Schell, Casas & Mazzotti, – Institute for Process engineering, ETH Zurich
CO ₂ Storage in Coal Seams and ECBM Recovery: Adsorption on Dry and Wet Coal – Pini, Storti & Mazzotti,- Institute for Process engineering, ETH Zurich
Sorbent Development in CAESAR – Van Selow et al, ECN / SINTEF
Microseismicity and Weyburn monitoring - Andy Higgs, ESG Kingston
Storage Potential Investigation & Technological Solution Development for GHG Sequestration in the Geological Formations of Russian Federation.– A. Ilinsky - VNIGRI
Carbonation of minerals and industrial residues for CO ₂ storage: state of the art and perspectives - Renato Baciocchi, Univ Rome , ETH Zurich et al
Upper Miocene sandstone-marl sequence in southern part of the Pannonian Basin System – A potential regional CO ₂ storage - I. Kolenkovic and B. Saffic, Univ Zagreb
Potential Hydrogeochemical Impacts of CO ₂ Leakage Into Shallow Aquifers : Review And Modelling - Chan Quang Vong et al, BRGM