

## Workshop program – preliminary

Monday, 17 <sup>th</sup> October 2011 – Day 1	
<b>Welcome to the 2<sup>nd</sup> CGS Europe Knowledge Sharing Workshop on Natural Analogues</b>	
8.30 – 9.30	Registration
9.30 – 9.35	Welcome from the host organization. Ingo Möller (BGR)
9.35 – 10.00	Welcome and introduction to the workshop: 1. Status of research related to natural analogues. Roberto Martinez (S-IGME)
10.00 – 10.20	2. Natural analogues in Europe – overviewing the CGS Europe questionnaire survey. Heike Rütters (BGR)
10.20 – 10.50	Coffee Break
<b>Session A – Storage Complex Processes</b> <span style="float: right;">Chair: Salvatore Lombardi</span>	
10.50 – 11.10	3. Natural analogues in Germany. Franz May (BGR)
11.10 – 11.30	4. Outcomes of the NASCENT and CO <sub>2</sub> GeoNet projects on natural analogues. Jonathan Pearce (BGS)
11.30 – 11.50	5. Slovakian natural analogues – A review. Utilization and potential development in the future. Ludovít Kucharič, Dušan Bodiš & Marián Zlocha (SGUDS)
12.00 – 13.30	Lunch
13.30 – 13.50	6. Mineral waters and hydrogeothermal resources in Bulgaria. Konstantin Shterev & Georgi Georgiev (SU)
13.50 – 14.10	7. Natural analogues in Serbia. Snezana Komatina-Petrovic (UB)
14.10 – 14.30	8. Natural Analogues in Spain. Roberto Martínez (S-IGME)
14.30 – 14.50	9. Isotope and Gas Geochemistry of Geothermal Fields: Case studies from Turkey and implications for geological Storage of CO <sub>2</sub> . Nilgun Gulec (METU-PAL)
14.50 – 15.20	Coffee Break <span style="float: right;">Chair: Franz May</span>
15.20 – 15.40	10. CO <sub>2</sub> enriched groundwater in Belgium. Kris Welkenhuysen (RBINS-GSB)
15.40 – 16.00	11. Analogues of long-term reservoir geochemical processes: Utah and North Sea. Jonathan Pearce (BGS)
<b>Closing Day 1</b>	
16.00 – 16.20	12. What can we learn from communities living on natural analogue areas? Samuela Vercelli (URS)
16.20 – 16.40	13. The Lake Laach region as gas monitoring test site. Ingo Möller (BGR)
16.40 – 17.45	Closing Day 1, including a first brain storming on natural analogues, leading edges of research and knowledge gaps
19.00 – ...	Workshop Dinner

Tuesday, 18<sup>th</sup> October 2011 – Day 2

Field Excursion

Guides: Franz May & Ingo Möller (BGR)

8.30

“Natural analogues at your fingertips ...



latest afternoon

... and under your feet”

Some first field trip information are linked to the workshop website on  
<http://www.cgseurope.net/NewsData.aspx?IdNews=63&ViewType=Actual&IdType=478>

These will be updated until the beginning of the workshop.



Wednesday, 19 <sup>th</sup> October 2011 – Day 3	
<b>Opening Day 3</b>	
Chair: Vít Hladík	
9.00 – 9.20	14. Long-term storage and leakage: Natural Analogues in Hungary. Gyorgy Falus, Agnes Szamosfalvi & Csilla Kiraly (ELGI)
9.20 – 9.40	15. Werkendam gas field (NL) as natural analogue: A microscopic view. Marielle Koenen (TNO)
<b>Session B &amp; C – Leakage Processes &amp; Impacts of CO<sub>2</sub> Releases</b>	
9.40 – 10.00	16. Modelling gas migration through faults: Latera and S. Vittorino natural labs. Sabina Bigi (URS)
10.00 – 10.20	17. Discontinuous and continuous seepage monitoring at Panarea: Recent results (Riscs; Eurofleet). Salvatore Lombardi (URS)
10.20 – 10.40	18. Natural analogues of CO <sub>2</sub> leakage in Florina area, N. Greece. G. Hatziyannis & A. Arvanitis (G-IGME)
10.40 – 11.10	Coffee Break
Chair: Jonathan Pearce	
11.10 – 11.30	19. Natural analogues of CO <sub>2</sub> leakages from storage reservoirs in SE Poland. W. Wolkowicz & A. Wójcicki (PGI-NRI)
11.30 – 11.50	20. Occurrence of CO <sub>2</sub> in natural environment and its economic use – Case study for Slovenia. Marjeta Car (Geo-INZ)
11.50 – 12.10	21. Geochemical and biological approach for the study of natural CO <sub>2</sub> emissions in the French carbonaceous province. Marie-Christine Dictor (BRGM)
12.10 – 13.40	Lunch
<b>Session D – Monitoring</b>	
13.40 – 14.00	22. CO <sub>2</sub> natural analogues generated by methane oxidation in the Upper Silesian Basin, Czech Republic: Experience from CO <sub>2</sub> monitoring. Juraj Francu, František Buzek, Petr Hemza & Vít Hladík (CzGS)
14.00 – 14.20	23. General overview on natural CO <sub>2</sub> sinks in Austria based on existing literature data – A first step towards the evaluation of possible monitoring sites. Gregor Goetzl, Magdalena Bottig & Anna-Katharina Brüstle (GBA)
14.20 – 14.40	24. Recent lessons learned by “natural labs”. Salvatore Lombardi (URS)
14.40 – 15.10	Coffee Break
15.10 – 15.45	Workshop conclusion
Moderation: Alla Shogenova	
15.45 – 16.00	Closing Day 3 and closing the workshop
Roberto Martinez	

Poster	
A	Natural Analogues for the development of underwater monitoring tools. K. Spickenbom & I. Möller (BGR)
B	Continuous gas monitoring in the Bohemian earth quake area, Czech Republic. E. Faber, J. Horálek, A. Bousková, M. Teschner, U. Koch & J. Poggenburg (BGR, AS Cz & SAS L)