

Understanding the Long Term fate of CO₂
ULTimateCO₂

AGENDA Kickoff Meeting, 15-16 December 2011, Brussels

DAY 1: Thursday 15 December, 10:00 – 17:30

Location: Madou Room
 Place Madou, 1
 1210 - Saint-Josse-Ten-Noode
 B-1049 Brussels

From 09:45 – Registration & Welcome coffee

10.00 – 10.10	Welcome by BRGM Introduction of all participants (BRGM)	<i>Pascal Audigane, Rowena Stead, Jean Charles Manceau</i>
10.10 – 10.30	Overall project presentation (BRGM)	<i>Pascal Audigane, coordinator</i>
10.30 – 11.00	EU initiatives on CCS and Expectations from the project, Administrative issues	<i>Vassilios Kougionas, European Commission</i>
11.00 – 12.00	WP3: Reservoir trapping evolution <ul style="list-style-type: none"> • An introduction to WP3, objectives, partners and timing • Task 3.1 Static modelling for structural trapping estimates • Task 3.2 Dynamic modelling of the long-term SDRM trapping mechanisms • Task 3.3 Evaluation of long-term chemical processes in the storage formation • Task 3.4 Evidence for long-term trapping evolution • Task 3.5 Results synthesis: and key issues, interactions with other WPs and actions for the next 6 months • Invite questions and discussion – 15 mn 	<i>BGS(J. Pearce)</i> <i>GEOGREEN (S. Fillacier)</i> <i>IFPEN (L. Trenty)</i> <i>BGS(J. Pearce)</i> <i>BGR (H. Klinge)</i> <i>BGS(J. Pearce)</i> <i>GEUS (P. Frykman)</i> ALL
12.00 – 13.00	Lunch	
13.00 – 14.00	WP4: Sealing integrity of faulted and fractured caprock <ul style="list-style-type: none"> • An introduction to WP4, objectives, partners and timing • Task 4.1 Evidence for the impact of faults and fractures on CO₂ migration from natural analogue studies • Task 4.2 Laboratory investigation of long-term hydro-mechanical properties of fractured caprock • Task 4.3 Modelling of chemical processes effects on long-term hydro-mechanical behaviour of fractured caprock and/or faulted system • Results synthesis: and key issues, interactions with other WPs and actions for the next 6 months 	<i>TNO (Jan ter Heege)</i> <i>BGR (Georg Houben)</i> <i>UU (Chris Spiers)</i> <i>TNO (Jan ter Heege)</i> <i>BRGM (D. Seyed)</i> TNO

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	<ul style="list-style-type: none"> • Invite questions and discussion –15 minutes 	ALL
14.00 – 15:00	WP5: Near well sealing integrity <ul style="list-style-type: none"> • introduction of WP5: objectives, staff involved and planned timing • Task 5.1: “Field experiment in an Underground Rock Laboratory (URL) – CO₂ stream in contact with wellbore compartments and interfaces” • task 5.2 + task 5.3: “Well compartments fluid-rock interactions assessment” + “Leakage pathways evaluation” <ul style="list-style-type: none"> o subtasks 5.2.2 + subtasks 5.3.2: analysis done on the fluid samples and on the overcore (Mont-Terri experiment) o subtask 5.2.2: reactive percolation lab experiments on cement, caprock and artificial interfaces plugs o subtasks 5.2.3 + subtasks 5.3.3: <i>Geochemical modeling + Multiphase flow modeling of the field experiment – Long term extrapolation</i> • Actions to come, conclusion (points to be solved,...) • questions, discussions, 15mn 	BRGM (Jean Charles Manceau) BRGM (Jean Charles Manceau) Swisstopo (Christophe Nussbaum) BRGM (Eric Gaucher) EIFER (Olaf Ukelis) IGG (Fabrizio Gherardi) BRGM ALL
15.00 – 15:15	<i>Coffee break</i>	
15.15 – 16:15	WP2: Long Term Process study – reservoir trapping evolution <ul style="list-style-type: none"> • An introduction of WP2 and the presentation of task 2.1 • Task 2.2 "Multi-scale modelling of the long-term CO₂ trapping" • Task 2.3 "Assessment of sealing integrity of fractured caprock and faulted systems" • Task 2.4 "Large scale assessment of leakages through wells" • Invite question and discussion - IFPEN (15mn) 	IFPEN (Laurent Trenty) GEOGREEN (Simon Fillacier) TNO (Jan ter Heege) BRGM (Darius Seyedi) BRGM (Pascal Audigane) ALL
16.15 – 17:00	WP6: Uncertainty assessment <ul style="list-style-type: none"> • Introduction • Task 6.1 Uncertainty methodology: state-of-the-art and adaptation to geo-systems • Task 6.2 Uncertainty assessment: implementation (PHIMECA) • Next actions 	BRGM (Jeremy Rohmer) also on behalf of PHIMECA TNO (Madelaine Halter or other)
17:00 – 18:00	<i>Individual Work Package Meetings</i>	<i>Everybody</i>
Around 19:30	<i>Evening dinner</i>	

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DAY 2: Friday 16 December 2011, 08:30 – 11:45

Location: EC building
 Covent Garden
 16 Place Rogier
 1210 Brussels

08.30 – 09:15	WP 1: Management <ul style="list-style-type: none"> • Administrative and financial aspects • Consortium Agreement (Data Property and Access) • Calendar of the forthcoming meetings (AG, AB, MB) 	<i>Rowena Stead, BRGM</i> <i>Pascal Audigane, BRGM</i>
09.15 – 10:00	WP7: Recommendations and dissemination <ul style="list-style-type: none"> • Introduction to WP7 • Task 7.1 ULTimateCO2 website and virtual networks • Task 7.2 Project dissemination and media interaction • Task 7.3 Development of results and project recommendations • Next actions 	CO2SENSE (Stephen Brown)
<i>10.00 – 10:15</i>	<i>Coffee break</i>	
10.15 – 10:45	Composition and role of the Advisory Board <ul style="list-style-type: none"> • Description of the members • Discussion on the expected role • Organization of the AB meetings 	<i>Pascal Audigane, BRGM</i>
10.45 – 11:30	Summary of the actions for the next 6 months Any other Business	<i>Pascal Audigane, BRGM</i> <i>everybody</i>
<i>12.00 – 13:00</i>	<i>Lunch</i>	