



# CCOP CO<sub>2</sub> Storage Mapping Program (CCS-M)

## CCS-M Training Course 3 (T3): Communicating CCS to the Public, 18-21 February 2014, Bandung, Indonesia

**A. Objectives:** Given the vital role CCS will play in addressing climate change it is important to communicate the benefits of the technology to the public. Public engagement and communication activities are key to the success of individual CCS projects. T3 aims to

1. Learn from past experiences of CCS/CCUS projects,
2. Enhance the capacities of the member countries in the permitting process of projects and communicating CCS technologies to the public.

**B. Participants and Resource persons:**

1. Representatives from oil and gas regulatory and supervisory agencies, research organizations, national oil and gas companies, geological agencies, environmental agencies, and academic institutions with geoscience and environmental programs in the CCOP member countries.
2. Resource persons from CSIRO, GCCSI, Norway and other partner agencies in CCOP MC and cooperating countries.

**C. Date & venue:** Hotel Horison Bandung, Indonesia

- a. 18-20 February 2014: Training Course 3
- b. 21 February 2014: Field trip (tba)

**D. Implementing / coordinating organizations**

1. CCOP Technical Secretariat
2. Global CCS Institute
3. Norway: Royal Norwegian Embassy – Jakarta

4. PETRAD, Norway
5. Indonesia: Ministry of Energy and Mineral Resources (Geological Agency & others)

**E. Program:**

#	Time	Item	Person/Organization
1	17 Feb	Arrival of participants/resource persons	CCOP TS
<b>Day 1: 18 February 2014</b>			
2	0830	Registration	CCOP TS
3	0900	<p><b>Opening Ceremony</b></p> <ul style="list-style-type: none"> <li>• <b>Welcoming Address</b> <ul style="list-style-type: none"> <li>○ CCOP Technical Secretariat</li> <li>○ Geological Agency Indonesia</li> </ul> </li> <li>• <b>Opening Remarks</b> <ul style="list-style-type: none"> <li>○ PETRAD</li> </ul> </li> </ul> <p>Exchange of tokens</p>	<p>Dr. Adichat Surinkum Director, CCOP TS</p> <p>Dr. Yun Yunus Kusumahbrata Deputy Permanent Representative of Indonesia to CCOP</p> <p>Dr. Oystein Berg Special Adviser PETRAD, Norway</p>
4	0920	<p><b>Keynote Address</b></p> <p><b>Status of CCS in Indonesia</b></p>	Indonesia
	1000	Group Photo / Coffee - Tea	CCOP TS
5	1030	<b>Introduction and Background of the Training Course</b>	Mr. Simplicio P. Caluyong CCS-M Coordinator CCOP Technical Secretariat
6	1100	<b>General Overview of CCS</b>	Ms. Jessica Morton Global CCS Institute
7	1130	<p><b>20 Years of Communicating CCS:</b> <i>Bellona's lessons learned from Europe and beyond</i></p>	Mr. Jonas Helseth Director of Bellona Europa Bellona (Norway)
	1200	Lunch	
8	1330	<p><b>Workshop: Communicating CCS/Public Engagement Presentation</b></p> <ul style="list-style-type: none"> <li>• Why is communication and</li> </ul>	Drs. Peta Ashworth and Anne-Maree Dowd CSIRO – Australia

		<p>engagement important to CCS projects?</p> <ul style="list-style-type: none"> <li>• Framing of CCS</li> <li>• Local context</li> <li>• Trust</li> <li>• Communication and engagement processes</li> <li>• The role of information</li> <li>• Risk perceptions</li> <li>• Governance</li> </ul> <p><i>Participants will be provided with a copy of the recently released report on CCS communication and engagement, written by CSIRO.</i></p>	<p>and Ms. Jessica Morton Global CCS Institute</p>
9	1415	<p><b>Small group discussion</b> (<i>break into small groups, 3-5 people from the same country if possible</i>)</p> <ul style="list-style-type: none"> <li>• Groups will be provided a list of questions to be discussed and a summary to be presented at the end of the session.</li> <li>• The aim is to gain insight and generate discussion on country specific elements related to the presentation information provided at the beginning of the session.</li> </ul>	
	1500	Afternoon tea / short break	
10	1520	<p><b>Summary from each group and facilitated discussion</b></p> <ul style="list-style-type: none"> <li>• Identify the key themes and issues generated from the small group discussions. What are the commonalities and differences between countries?</li> <li>• Establish the key areas the group would like addressed on Day 2</li> </ul>	
	1630	Finish workshop for the day	
11	1830	<p>Welcome dinner</p> <ul style="list-style-type: none"> <li>• Welcoming Remarks <ul style="list-style-type: none"> <li>○ Indonesia</li> <li>○ Royal Norwegian Embassy- Jakarta</li> </ul> </li> </ul>	<p>Dr. R. Sukhyar Head Of Geological Agency Indonesia &amp; Permanent Representative of Indonesia to CCOP</p> <p>H.E. Mr. Stig Traavik Ambassador of Norway to</p>

		Attire: Smart Casual (venue TBC)	Indonesia
<b>Day 2: 19 February 2014</b>			
12	0830	Overview of Day 1 and objectives for Day 2 <b>Presentation of case studies: Key findings from the experience of others</b>	CSIRO/GCCSI
13	0920	<b>Small group activity – Part 1</b> <i>Evaluation factors – what do these case studies mean for your country's/company's CCS project(s)?</i>	
	1000	Morning tea / short break	
14	1020	<b>Small group activity – Part 2</b> <i>Developing and implementing your communication and engagement plan</i>	
	1200	Lunch	
15	1330	<b>Large group and interactive activity</b> <i>Learning to strategically respond to unplanned events</i>	
	1500	Afternoon tea / short break	
16	1520	<b>Large group discussion and Digi Vote session</b>	
	1630	Finish workshop for the day	
<b>Day 3: 20 February 2014</b>			
17	0830	CCS environmental & health risks – Facts <i>and</i> fiction	Mr. Jonas Helseth Bellona
18	0915	CO <sub>2</sub> Geological Storage Researches in AIST and Risk Communication	Dr. Atsuko Tanaka AIST, Japan
	1000	Morning tea / short break	
19	1030	Bio-CCS & carbon-negative – Our safeguard for future disaster?	Mr. Jonas Helseth Bellona
20	1115	Summary and Conclusions	Chairperson & Resource persons
	1200	Lunch	
21	1330	The Way forward in CCS-M	Mr. Sim Caluyong CCOP TS
22	1400	Field Trip briefing Evaluation Awarding of tokens and certificates Closing Remarks	CCOP TS/Indonesia  PETRAD
	1600	End of Training Course T3	
<b>Day 4: 21 February 2014</b>			
23	0800-	Field Trip	CCOP TS/Indonesia

	1600		
24	1830	Farewell Dinner	Host: CCOP TS (Venue: TBC)