



MLR



CCOP CO₂ Storage Mapping Program (CCS-M)

China Case Study Seminar 1 (C3S1): CCS Policy Framework and Applied Technologies

6-8 November 2013, Shanghai

A. The Goal of CCS-M is to enable the government organizations in the CCOP Member Countries in mapping for the geological storage of CO₂ to:

- a. Provide a high level overview of the potential for large-scale CO₂ storage;
- b. Enhance the capacity in the assessment of geological sites for the safe and long-term storage of CO₂; and
- c. Increase the understanding of the potential of CO₂ for EOR.

B. Objectives of C3S1: To enhance the knowledge of the participants on

1. Development of a Policy Framework for CCS and
2. CO₂ Capture, Use and Storage (CCUS) Technologies.

C. Participants and Resource persons:

1. SINOPEC technical staff involved in the CCS-M Program, representatives from other NOCs of China, participants from CCOP Member Countries and ASCOPE, and academic institutions with geoscience and environmental programs.
2. Resource persons from Norway and Australia and other partner agencies in CCOP MC and cooperating countries.

D. Date & venue:

1. Date: 6-8 November 2013
2. Venue: Seagull Hotel, Shanghai (www.seagull-hotel.com)

E. Implementing / Coordinating Organizations

1. CCOP Technical Secretariat

2. Global CCS Institute
3. SINOPEC
4. PETRAD (Norway)
5. Royal Norwegian Embassy - Beijing
6. Ministry of Land and Resources, China
7. China Geological Survey

F. Program

Num	Time	Item	Person/Organization
		Arrival of participants/resource persons	CCOP TS/SINOPEC
6 November 2013			
1	0800	Registration	CCOP TS/SINOPEC
2	0830	Opening Ceremony <ul style="list-style-type: none"> • Welcoming Remarks (1) • Welcoming Remarks (2) • Opening Remarks Exchange of Tokens	SINOPEC Dr. Adichat Surinkum Director CCOP Technical Secretariat CGS/MLR
3	0900	Keynote Address: SINOPEC's Low Carbon Strategy	Dr. Li Yang Deputy Chief Engineer SINOPEC
	0945	Group Photo- Coffee/tea	SINOPEC
Policy Framework on CCS			
4	1015	Introduction and CCS-M Background	Simplicio Caluyong CCS-M Coordinator CCOP TS
5	1045	CCS Overview – why CCS? <ul style="list-style-type: none"> • Transportation and Storage – Challenges and Status 	Dr. Tore Torp, Norway & Mr. Jock Brown, DNV, Norway
6	1125	Policy Framework on CCS <ul style="list-style-type: none"> • Australia – Federal & State legislation 	Dr. Michael Dolan CSIRO, Australia
	1200	Lunch Break	
7	1330	Policy Framework on CCS cont. <ol style="list-style-type: none"> a. Status and development of policy and legislation in 	

		Europe and Scandinavia (~45mins) b. CCS Regulations outside Europe and Australia / DNV recommended practices and Guidelines (tbc) (~45 mins)	Tore Torp, Norway Mike Carpenter, DNV
	1500	Coffee / Tea	
8	1530	CCS and the Clean Development Mechanism	Tore Torp, Norway
9	1600	Discussion & Summary for Day1	Chairperson & Resource Persons
		Welcome Dinner (attire: smart casual)	Host: SINOPEC
7 Nov CO₂ Capture, Use and Storage (CCUS) Technologies			
10	0830	Order of the day	Chairperson
11	0845	CO₂ Capture <ul style="list-style-type: none"> • From Oil and Gas operations (30) • From Coal Power (30) • From Coal to Liquid Process (30) 	Tore Torp Michael Dolan Mike Carpenter
	1015	Coffee/Tea	
12	1045	CO₂ Storage, experiences and research needs	Tore Torp
13	1115	CO₂ for EOR <ul style="list-style-type: none"> • CO₂ transportation options 	Mike Carpenter, DNV & Jock Brown, DNV
	1200	Lunch break	
14	1330	CO₂ for EOR - Case studies and current research activities in Australia	Michael Dolan
15	1400	Coal Gasification technologies <ul style="list-style-type: none"> • Challenges and Solutions • Success stories 	Michael Dolan
	1430	Coffee/Tea	
16	1500	CCS in Crisis? What next? <ul style="list-style-type: none"> • Discussion • Summary 	Tore Torp Chairperson & Resource Person
17	1545	Closing Ceremony	PETRAD
Day 3	8 Nov	Field Trip (TBA)	SINOPEC