



CCOP CO₂ Storage Mapping Program (CCS-M)

CCS-M Seminar 6 (S6): Seminar/Workshop on CO₂ geological storage and CO₂ for EOR 7-9 June 2016, Hanoi, Vietnam

A. Background and Objectives:

The recent COP 21, also known as the 2015 Paris Climate Conference resulted in the first agreement requiring all nations (rich and poor) to pledge action on climate change, with the aim of restricting global warming to “well below 2deg C above pre-industrial levels”, and to strive to limit it to 1.5 deg C. Carbon dioxide (CO₂) capture, use and storage technologies (CCS) will have to play an important role to achieve the climate targets of COP21.

In order to fully understand the emission reduction potential, decision makers need to understand the amount of carbon dioxide that can be safely stored in the subsurface and the geographical distribution of storage resources that are available. Estimates of storage resources need to be made using reliable and consistent methods. The CCS-M Seminar 6 (S6) aims to enhance the knowledge of the member countries on methodologies in assessing geological storage of CO₂ and its storage potential. The challenges and gaps in the implementation of CCS will again be looked into.

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 Vietnam, CCOP member countries and ASCOPE members.
2. Resource persons from Norway, Australia and CCOP member & other cooperating countries.

C. Date & venue: Hanoi, Vietnam – 7-8 June 2016 and field trip on 9 June 2016.

D. Implementing / coordinating organizations

1. CCOP Technical Secretariat

2. Global CCS Institute
3. NPD and Ministry of Foreign Affairs, Norway
4. Vietnam's MONRE- with VIGMR, PetroVietnam (PVN) and VPI

E. Draft Program:

#	Time	Item	Person/Organization
	1 Mar	Arrival of participants/resource persons	CCOP TS/PVN
Day 1: 7 June 2016			
	0900	Registration	CCOP TS/PVN
	0930	Opening Ceremony <ol style="list-style-type: none"> 1. Welcoming Remarks <ol style="list-style-type: none"> a. CCOP Technical Secretariat b. PETROVIETNAM 2. Opening Remarks <ol style="list-style-type: none"> a. Norway Exchange of Tokens	CCOP TS
	1000	Group Photo / Coffee - Tea	CCOP TS
		Setting the Scene <ol style="list-style-type: none"> 1. Keynote Address: <i>CCS development and roadmap in Vietnam</i> 2. <i>Introduction and Update of CCS-M</i> 3. <i>General Overview and update of CCS: CO2 storage and EOR</i> 	
	1200	Lunch	
	1300	CCOP Country Reports (15 mins) <ul style="list-style-type: none"> • COP21 – Paris (also known as the 2015 Paris Climate Conference): share your countries commitment/pledge of action (if any) • Where does CCS fit into your countries pledge of action to COP21? • Update on the mapping of potential 	Member Countries

		CO2 geological storage in your country and other CCS activities – focusing on policy development, research plans, roadmap, etc.	
	1830	Welcome dinner <i>Attire: Smart Casual</i>	Host: PVN (venue: TBC)
Day 2: 8 June 2016			
	0900	CO2 Storage and EOR Technologies, with topics on 1. CO2 Storage Pilot Projects 2. Public Engagement activities – case studies 3. Case studies on CO2 for EOR projects and monitoring 4. Quality control methods /procedures for CO2 storage sites and EOR 5. Developing the CO2 Atlas Storage: lessons learned 6. Workshop & Summaries: Uncertainties and Challenges in the implementation CO ₂ Geological Storage in the CCOP region	
	1630	Briefing on the Field trip Evaluation Awarding of Certificates Closing Ceremony	PVN CCOP TS
	1700	End of Seminar	
	1830	Farewell dinner <i>Attire: Smart Casual</i>	Host: CCOP TS (venue: TBC)
	0800-1600	Day 3: 9 June 2016 - Field Trip	CCOP TS/Vietnam