



CCOP – KIGAM Unconventional Oil and Gas Project:
 Mapping of Black Shale Formations for the Prediction of Shale resources
 (UnCon or UC Project)

National Coordinators Meeting & Workshop (UCM6)
 16-18 Aug 2016, Danang, Vietnam

A. Background and Objectives:

The CCOP Technical Secretariat in cooperation with the Korea Institute of Geoscience and Mineral Resources (KIGAM) together with Vietnam Petroleum Institute (VPI), will be conducting the UCM6 on 16-18 Aug 2016 in Danang, Vietnam. The objectives of UCM6 is to have an enhanced understanding on the Guideline Methodology for the assessment of oil and gas shale resources- looking into the assessment parameters, data to use, work flow and best practices. UCM6 will focus on shale basin mapping and mineral quantification analysis. The CCOP members agreed to use the EIA/ARI methodology for world shale gas and shale oil resource assessment (June 2013) as the Guideline Methodology for CCOP.

B. Participants and Resource persons:

1. National Coordinators and UnCon Project team members from CCOP member countries.
2. Resource persons from KIGAM, Sietronics (Australia) and CCOP member countries.

C. Venue and Date: Danang Petro Hotel (danangpetrohotel.com.vn), 16-17 August 2016– Meeting/Workshop and 18 August - full day field work.

D. Implementing / coordinating organizations

1. CCOP Technical Secretariat
2. KIGAM
3. Vietnam Petroleum Institute (VPI) and Ministry of Natural Resources and Environment

E. Draft Program:

#	Time	Item	Person/Organization
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1	15 Aug	Arrival of participants/resource persons	CCOP TS/ Host Organization
Day 1: Tuesday, 16 Aug 2016			
2	0830	Registration	CCOP TS
3	0900	Opening Ceremony 1. Welcoming Remarks a. CCOP Technical Secretariat b. KIGAM 2. Opening Remarks a. Permanent Representative of host Country Exchange of Tokens	CCOP TS Dr. Adichat Surinkum Director, CCOP Technical Secretariat To be confirmed (TBC) TBC CCOP TS/Host
	0945	Group Photo / Coffee - Tea	CCOP TS
4	1015	Introduction and Background of the Meeting	Mr. Simplicio P. Caluyong <i>CCOP Technical Secretariat</i>
5	1045	Project Update & recent developments on shale gas/oil assessments and technologies	KIGAM and other resource persons
	1200	Lunch break	
6	1330	Workshop 1: Session on shale mapping – completion of the GIS maps of the shale basins of each country.	KIGAM resource persons and All Participants
	1500	Coffee/tea	
6	1520	Continue with Workshop 1	Member Countries
6	1630	Discussions and Summary for day 1	All Participants
7	1830	Welcoming Dinner (attire: smart casual)	Host/Venue: TBC
Day 2: Wednesday, 17 Aug 2016			
8	0830	Overview of Day 1 and Order of the Day	Chairperson
9	0840	Workshop 2: Training Session on shale mineral quantification • Lecture about X-ray diffraction concept and application to shale	Resource Person from Siroquant and All Participants

		analysis <ul style="list-style-type: none"> • Demonstration and practical application of Siroquant software • Q & A 	
	1000	Coffee/ tea break	
9	1020	Continue with Workshop 2	All Participants
	1200	Lunch	
9	1330	Continue with Workshop 2	All Participants
	1500	Coffee/ tea break	
10	1520	Workshop 2 Summary & the Way Forward	
11	1600	Awarding of Tokens of Appreciations and Certificates	CCOP TS
		Field Trip presentation	Host Organization
		Closing Ceremony	CCOP TS
12	1700	End of Workshop / Meeting	
13	1830	Dinner <i>Attire: Smart Casual</i>	Host: CCOP TS (<i>venue: TBC</i>)
		Day 3: Thursday, 18 Aug 2016	
14	0800 - 1600	Field Trip	CCOP TS / Host Organization

Note: *All participants are encouraged to bring a notebook computer for the Workshop Sessions.*