



## **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 (UCM5)**

10-12 May 2016

#### **A. Background and Objectives:**

The CCOP Technical Secretariat in cooperation with KIGAM, will be conducting the UCM5 on 10-12 May 2016. The objectives of UCM5 is to have an enhanced understanding on the Guideline Methodology for the assessment of oil and gas shale resources- the assessment parameters, data to use, work flow and best practices. 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. A workshop on basin and shale map development is included in the agenda.

#### **B. Participants and Resource persons:**

1. National Coordinators and UnCon Project team members from CCOP member countries.
2. Resource persons from KIGAM and CCOP member countries.

**C. Venue and Date:** Venue to be confirmed (TBC), 10-11 May – Meeting/Workshop and 12 May- full day field work (optional).

#### **D. Implementing / coordinating organizations**

1. CCOP Technical Secretariat
2. KIGAM
3. Host organization – Ministry of Geology and Minerals, MONRE (Lao – PDR)

#### **E. Draft Program:**

#	Time	Item	Person/Organization
1	9 May	Arrival of participants/resource persons	CCOP TS/ Host

			Organization
<b>Day 1: Tuesday, 10 May 2016</b>			
2	0830	Registration	CCOP TS
3	0900	<p>Opening Ceremony</p> <p style="padding-left: 40px;">1. Welcoming Remarks</p> <p style="padding-left: 80px;">a. CCOP Technical Secretariat</p> <p style="padding-left: 80px;">b. KIGAM</p> <p style="padding-left: 40px;">2. Opening Remarks</p> <p style="padding-left: 80px;">a. Department of Geology and Minerals, MONRE</p> <p>Exchange of Tokens</p>	<p>CCOP TS</p> <p>Dr. Adichat Surinkum Director, CCOP Technical Secretariat</p> <p>Dr Byeong-Kook Son UnCon Project Coordinator Principal Researcher, KIGAM</p> <p>Mr Khampa Phommakaysone Permanent Representative of Lao-PDR to CCOP Deputy Director- General Department of Geology and Minerals, MONRE <i>(TBC)</i></p> <p>CCOP TS</p>
	0945	Group Photo / Coffee - Tea	CCOP TS
4	1015	Introduction and Background of the Meeting	Mr. Simplicio P. Caluyong <i>CCOP Technical Secretariat</i>
	1045	Project Update & recent developments on shale gas/oil assessments and technologies	KIGAM
	1200	Lunch break	
5	1330	<p>CCOP Country Reports (15 min)</p> <p style="padding-left: 40px;">1. Update on shale mapping of the member countries</p> <p style="padding-left: 40px;">2. Update on oil and gas shale resources assessment, using the EIA/ARI methodology (June 2013)</p> <p style="padding-left: 40px;">3. Training needs to support the country's oil and gas shale assessment</p>	Member Countries
	1500	Coffee/tea	
5	1520	Continue with Country Reports	Member Countries
6	1630	Discussions and Summary for day 1	All Participants

7	1830	Welcoming Dinner (attire: smart casual)	Host/Venue: TBC
<b>Day 2: Wednesday, 11 May 2016</b>			
8	0830	Overview of Day 1 and Order of the Day	Chairperson
9	0840	Workshop session on mapping and methodology application 1. Application of QGIS software	All Participants
	1000	Coffee/ tea break	
10	1020	Continue with Workshop session-mapping	All Participants
	1200	Lunch	
10	1330	<b>Workshop and brainstorming session:</b> <ul style="list-style-type: none"> <li>• Mapping workshop summary</li> <li>• The EIA/ARI methodology application</li> <li>• Discussions on capacity building needs of the participating countries and the way forward</li> <li>• Other matters.</li> </ul>	All Participants
	1500	Coffee/ tea break	
11	1520	Evaluation of Workshop Awarding of tokens of appreciations and certificates  Field trip presentation  Closing Ceremony	CCOP TS  Host Organization  CCOP TS
12	1700	End of Workshop / Meeting	
13		Dinner <i>Attire: Smart Casual</i>	Host: CCOP TS ( <i>venue: TBC</i> )
<b>Day 3: Thursday, 12 May 2016</b>			
14	0800 - 1600	Field Trip	CCOP TS / Host Organization

**Notes:** All participants must download the QGIS software from <http://qgis.org/en/site/>. This is a free download software. We will be using QGIS in our workshop sessions.