



Department of Mineral Fuels  
**MINISTRY OF ENERGY**



## **CCOP – DMF Project on Petroleum Resources /Reserves Classification and Reporting System**

**Workshop on the application of UNFC 2009: Classification and reporting of Petroleum Resources/Reserves and CO<sub>2</sub> injection projects**  
8-11 December 2014, Bangkok, Thailand

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

The CCOP Technical Secretariat (CCOP TS) together with the Department of Mineral Fuels (DMF), Ministry of Energy, Thailand and in cooperation with the Norwegian Ministry of Foreign Affairs will be conducting the subject Workshop in Bangkok, Thailand under the CCOP – DMF Project on Petroleum Resources/Reserves Classification and Reporting System (Project). The Project plans to conduct a series of capacity building workshops, field work and form a Working Group that will facilitate the development of the petroleum resources/reserves reporting guidelines and implementation of the reporting standard in the CCOP region. This will leverage on the existing United Nations Framework Classification for Fossil Energy and Mineral Reserves and Resources 2009 (UNFC) and Expert Group on Resource Classification (EGRC) where CCOP Technical Secretariat, Thailand and other member countries are actively participating.

The objectives of the workshop are to enhance the capacities of the CCOP member countries in the classification and reporting of oil and gas resources and reserves, and CO<sub>2</sub> injection and storage projects, based on internationally recognized standards.

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

1. Representatives from oil and gas regulatory and supervisory agencies, research organizations, national oil and gas companies, academic institutions of CCOP member countries, and ASCOPE (ASEAN national oil companies) members.
2. Resource persons mainly from the UNFC EGRC and some CCOP member & participating countries.

**C. Date & venue:** 8-9 and 11 Dec for workshop sessions (Bangkok) and 10 Dec for field trip (to be confirmed- TBC).

## D. Implementing / coordinating organizations

1. CCOP Technical Secretariat
2. Thailand: Department of Mineral Fuels, Ministry of Energy
3. Norway: Norwegian Petroleum Directorate and Ministry of Foreign Affairs

## E. Draft Program:

#	Time	Item	Person/Organization
1	7 Dec	Arrival of participants/resource persons	CCOP TS/DMF
<b>Day 1: 8 Dec 2014</b>			
2	0830	Registration	CCOP TS
3	0900	<p>Opening Ceremony</p> <p>1. Welcoming Remarks</p> <ul style="list-style-type: none"> <li>• CCOP Technical Secretariat</li> <li>• Permanent Representative (PR) of Thailand to CCOP</li> </ul> <p>2. Opening Remarks</p> <ul style="list-style-type: none"> <li>• Royal Norwegian Embassy – Bangkok</li> </ul> <p>Exchange of Tokens</p>	<p>Dr. Adichat Surinkum <i>Director CCOP Technical Secretariat</i></p> <p>Mr. Supot Jermsawatdipong <i>Permanent Representative of Thailand to CCOP Director-General, Department of Mineral Resources MONRE</i></p> <p>H. E. Kjetil Paulsen <i>Ambassador of Norway to Thailand</i></p> <p>CCOP TS</p>
4	0930	Keynote Address 1: <i>Petroleum Development in Thailand</i>	Dr. Songpope Polachan Department of Mineral Fuels (DMF) Thailand
	1000	Group Photo / Coffee - Tea	CCOP TS
5	1030	Keynote Address 2: <i>The UNFC 2009 – A tool for the</i>	Mr. Per Blystad Norwegian Petroleum

		<i>sustainable development of energy resources.</i>	Directorate, Norway and Member of the Technical Advisory Group, EGRC
6	1100	Introduction and background of the Workshop	Mr. Simplicio P. Caluyong CCOP TS
7	1120	Reporting of oil and gas reserves in Thailand <ul style="list-style-type: none"> <li>• Guidelines for operating companies, legal basis</li> <li>• Users of the report</li> </ul>	Dr. Trin Intaraprasong DMF, Thailand
	1200	Lunch	
8	1330	Country Presentations (15 minutes) Classification and Reporting of oil and gas resources and reserves (ppt) <ul style="list-style-type: none"> <li>• Why the need to report? Legal basis</li> <li>• Petroleum resource classification system</li> <li>• Which organization is in charge of auditing/QC of reserves data? <ul style="list-style-type: none"> <li>○ How many people are involved in the reporting process (government side)? Time frame of activity.</li> </ul> </li> <li>• Reporting Guideline <ul style="list-style-type: none"> <li>○ Who should make the report? – is there a specific requirements, i.e, qualification</li> <li>○ When and where the report submitted?</li> <li>○ What is the contents and format of the report? Show a template (if available)</li> </ul> </li> <li>• What is reported by the Government – resources and</li> </ul>	All CCOP member countries

		<p>reserves?</p> <ul style="list-style-type: none"> <li>○ For reserves report, do you report all or just P1?</li> <li>○ Share website containing your resource/reserves report.</li> <li>● Users of the report and for what purposes?</li> <li>● What are the issues / challenges? How these are addressed – solutions?</li> </ul>	
	1500	Coffee / tea break	
	1530	Continue with the Country Reports	All CCOP member countries
9	1630	Summary for Day 1	Chair
	1830	Welcoming dinner <i>Attire: Smart Casual</i> <i>Venue: TBC</i>	Host: DMF (to be confirmed - TBC)
<b>Day 2: 9 Dec 2014</b>			
10	0830	Overview of Day 1 and Order of the Day	Chair: Mr. Simplicio P. Caluyong, CCOP TS
11	0835	Case study 1: UNFC application - Mapping of national reporting system (oil and gas reserves and resources) into the UNFC <ul style="list-style-type: none"> <li>● Lessons to be learned</li> <li>● Q &amp; A session</li> </ul>	Mr. Per Blystad Norwegian Petroleum Directorate, Norway and Member of the Technical Advisory Group, EGRC
12	0915	Workshop 1 (Group work session): Mapping of the Thailand petroleum resources/reserves classification and reporting system to the UNFC. <ul style="list-style-type: none"> <li>● Group discussions/ presentation</li> <li>● Q &amp; A session</li> </ul>	All participants
	1000	Coffee/ tea break	
	1030	Continue with Workshop 1 <ul style="list-style-type: none"> <li>● Extended Q &amp; A session</li> </ul>	<i>All Participants</i>
	1200	Lunch break	
13	1330	Workshop 2 (Group session by country): Mapping of member country (except	All participants

		Thailand) petroleum resources/reserves classification and reporting system to UNFC <ul style="list-style-type: none"> <li>• Group discussion/ presentation</li> <li>• Q &amp; A</li> </ul>	
	1500	Coffee/ tea break	
	1530	Continue with Workshop 2	All participants
14	1630	Briefing on the Field Trip	DMF
15	1645	Summary of Day 2	Chairperson and resource persons
		<b>Day 3: 10 Dec 2014</b>	
16	0800-1600	Field Trip (venue tbc)	CCOP TS/DMF
		<b>Day 4: 11 Dec 2014</b>	
17	0830	Overview of Day 2 and Order of the Day	Chair: Sim Caluyong
18	0835	Reporting Oil and Gas Projects – <i>Audit and Disclosures</i> <ul style="list-style-type: none"> <li>• Q &amp; A</li> </ul>	Mr Eddy Tan <i>Gaffney, Cline and Associates Pte. Ltd. (GCA) - Singapore</i>
19	0930	Reserves Reporting from Industry and Government Perspectives <ul style="list-style-type: none"> <li>• Q &amp; A</li> </ul>	Mr Tony Harrison <i>GCA - Singapore</i>
	1000	Coffee/ tea break	
20	1030	Use of UNFC for classifying CO <sub>2</sub> Injection Projects & other energy projects. <ul style="list-style-type: none"> <li>• Q &amp; A</li> </ul>	Mr Sim Caluyong <i>CCOP Technical Secretariat</i>
21	1100	Formation of the CCOP Working Group on Energy Reserves reporting <ul style="list-style-type: none"> <li>• What is a working group?</li> <li>• What are their responsibilities?</li> <li>• What is their involvement in the reporting standards development and implementation?</li> <li>• Who will be involved? Contact person in the participating countries.</li> <li>• Drafting of the Working Group guideline for approval of the CCOP Steering Committee</li> </ul>	CCOP TS / DMF
	1200	Lunch break	

22	1330	Norwegian Process in Reporting Resources and Reserves <ul style="list-style-type: none"> <li>• Q &amp; A</li> </ul>	Mr Per Blystad NPD, Norway
23	1400	Discussions (extended) on reporting of energy resources / reserves <ul style="list-style-type: none"> <li>• Q &amp; A</li> <li>• Summary and the way forward</li> </ul>	All Participants
	1500	Coffee/ tea break	
24	1530	Evaluation / Feedback Awarding of Certifications Closing Ceremony	CCOP TS
	1630	End of Seminar/Workshop	
	1830	Farewell Dinner <i>Attire: Smart Casual</i> <i>Venue: TBC</i>	Host: CCOP TS