

## **CCOP – Norway Program for Enhancing Public Petroleum Management of the CCOP Member Countries (EPPM)**

### *Project 1 (P1), Petroleum Resource Management with focus on Natural Gas*

#### **P1W4: North Sumatra – Mergui Basin Case Study: Seismic Stratigraphy and Petroleum play concepts**

##### **A. Objectives:**

- To continue with the basin analysis of North Sumatra – Mergui basin in order to have a better understanding of the big geologic picture of the basin to enhance geological interpretations and predictions - translating into a higher drilling success rates.

A geological fieldwork in Chiangmai & vicinity is added in the agenda. The activities will be enabled by the knowledge of experts from the case study host countries (Indonesia, Malaysia, and Thailand), resource persons from Norway, and other CCOP Member Countries.

##### **B. Workshop contents:**

1. Opening Ceremony
2. Technical Sessions
  - a. Seismic stratigraphy
  - b. Prospect and plays & Common risk segment maps
  - c. Continue with data integration from the 3 case study host countries
  - d. Group Discussion, exercises, consultation & presentations.
3. Field work in Chiangmai
  - a. *Participants are required to bring appropriate hiking shoes, backpacks, cotton shirts/pants/shorts, hats, sun & insect lotions, camera and other field work tools.*
4. Evaluation, awarding of certificates and closing ceremony.

##### **C. Participants & resource persons**

1. Representatives from the CCOP Member Countries with geoscience background & are responsible for the management of national oil & gas resources will be invited to participate in the workshop. Also to be invited are representatives from ASCOPE, as well as academic institutions and research institutes that can benefit in the workshop.
2. Resources persons from the case study countries (Indonesia, Malaysia & Thailand), from NPD & other CCOP Member Countries.

##### **D. Date & Venue**

1. Date: 22-25 February 2011
2. Chiangmai, Thailand

## Program

Time	Activity	Responsible Person/Organization
<b>21Feb</b>	Meeting of case study countries (Indonesia, Malaysia & Thailand)	CCOP TS
<b>22Feb</b> <b>0830</b>	Registration	CCOP TS
<b>0900</b>	Opening Ceremony <ul style="list-style-type: none"> <li>○ Welcoming Address               <ul style="list-style-type: none"> <li>○ Director, CCOP Technical Secretariat</li> </ul> </li> <li>○ PR of Thailand to CCOP</li> <li>○ Opening Address by Ambassador of Norway to Thailand</li> </ul> <i>Exchange of Tokens</i> <i>Group Photo</i>	To be confirmed  <i>To be confirmed</i>  <i>To be confirmed</i>  CCOP TS CCOP TS
<b>0930</b>	Coffee/tea	
<b>1000</b>	Introduction & Background of P1W4 <ul style="list-style-type: none"> <li>○ Update on EPPM Program</li> </ul>	Mr. Simplicio P. Caluyong EPPM Coordinator
<b>1030</b>	Presentation by Cross-border case study Countries on the work done – updated after P1W3-Langkawi	Thailand, Malaysia, & Indonesia
<b>1200</b>	Lunch	
<b>1330</b>	Petroleum System assessment <ul style="list-style-type: none"> <li>- Risk analysis and volume calculation</li> <li>- As a tool for national resource management &amp; strategies for sustainable development of petroleum resources</li> <li>- Case histories to highlight best practices</li> </ul>	Norwegian Petroleum Directorate (NPD)
<b>1500</b>	Coffee/tea	

<b>1520</b>	Prospect / Play Analysis - Critical elements & processes <ul style="list-style-type: none"> <li>• Discussions/exercises</li> </ul>	NPD
<b>1630</b>	Summary for Day 1	EPPM Coordinator & Resource person
<b>1930</b>	Welcome Dinner (smart casual)	Hosted by DMF (venue tba)
<b>Day 2: 23 Feb</b>		
<b>0830</b>	Seismic stratigraphy and basin analysis <ul style="list-style-type: none"> <li>- Discussions/exercises using case study data sets</li> </ul>	Mr. Robert Wong (PETRONAS) & His Team
<b>1000</b>	Coffee/Tea	
<b>1020</b>	Continue with sequence strat	PETRONAS
<b>1200</b>	Lunch	
<b>1330</b>	Continue with sequence strat	PETRONAS
<b>1500</b>	Coffee/tea	
<b>1520</b>	Sequence strat / review/ feedback	All Participants
<b>1630</b>	Summary for Day 2	EPPM Coordinator & Resource persons
<b>Day 3: 24 Feb</b>		
<b>0830</b>	Common risk segment map	PETRONAS / NPD
<b>1000</b>	Coffee /tea	
<b>1020</b>	Common risk segment map	PETRONAS / NPD
<b>1200</b>	Lunch	
<b>1330</b>	Risk mapping / review / feedback	PETRONAS / NPD
<b>1430</b>	Workshop summary & way forward	All Participants
	<ul style="list-style-type: none"> <li>○ Presentation of Field work</li> <li>○ Evaluation</li> <li>○ Distribution of certificates</li> </ul> Closing Ceremony	DMF/Chiangmai Univ. CCOP TS CCOP TS CCOP TS
<b>1600</b>	Coffee/tea	

<b>Day 4: 25 Feb 0800- 1600</b>	Geological Field work in Chiangmai & vicinity	All participants / to be led by DMF/Chiangmai Univ.
<b>1900</b>	Farewell Dinner (smart casual)	Hosted by CCOP TS (venue TBA)