

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

P1W6: North Sumatra – Mergui Basin Case Study: Risking of petroleum plays and prospects, 4-7 September 2012, Sabah, Malaysia

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,
- To enhance the knowledge of the participants in identifying the various play types in the case study basin and potential risks on these plays, and
- To perform petroleum prospect/play risking and volumetric calculation.

A geological fieldwork is also 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. Understanding petroleum prospects & plays
 - i. The concept and critical elements
 - ii. Identifying the play types in the case study basin- what data sets and tools are required?
 - iii. What are the potential risks of these plays? Sample analogues (look-alike plays)
 - iv. Why this analysis is important for the government? How about for the exploration companies?
 - b. Updating the Prospect, plays & Common risk segment maps of the case study basin.
 - c. Volumetric calculation exercises using GeoX- learning the methodologies and evaluation of input data.
 - d. Group Discussion, exercises, consultation & presentations.
 - e. Way Forward- Final report and the planned Phase 2 to extend the case study are to Myanmar's Andaman basin.
3. Field work

- 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 from the workshop.
2. Resources persons from the case study countries (Indonesia, Malaysia & Thailand), from NPD & other CCOP Member Countries.
3. Participants from Myanmar will be invited.

D. Date & Venue (tentative)

1. Date: 4-7 September 2012
2. Malaysia

Tentative Program

Time	Activity	Responsible Person/Organization
4 Sep 2012 0900 – 1630	Meeting of case study countries (Indonesia, Malaysia, Thailand and Myanmar) – <i>introduction of Myanmar to the case study and to continue with data integration towards understanding the big picture of basin geology and petroleum system.</i>	CCOP TS
1830	Dinner with case study countries/ CCOP TS/resource persons	
Day 1: 5 Sep 0830	Registration	CCOP TS
0900	<i>Opening Ceremony</i> <ul style="list-style-type: none"> • <i>Welcoming Remarks</i> 	Mr. Simplicio P. Caluyong EPPM Program Coordinator CCOP Technical Secretariat

	<ul style="list-style-type: none"> • <i>Opening Remarks</i> 	Mr. Idris Bin Ibrahim Senior General Manager PMU, PETRONAS Malaysia
0930	Coffee/tea	
1000	Introduction & Background of P1W6 <ul style="list-style-type: none"> ○ Update on EPPM Program 	EPPM Coordinator
1030	Presentation by Cross-border case study Countries on the work done – updated after P1W5-Yogyakarta	Thailand, Malaysia, & Indonesia
1200	Lunch	
1330	<ul style="list-style-type: none"> • Continue with case study country presentations 	Thailand, Malaysia, & Indonesia
1415	Play types in the case study basin <ul style="list-style-type: none"> • List of plays • Potential risks (s) of each play • Analogues (from producing fields) 	Mr. Mohd Razali Che Kob Principal Geoscientist PETRONAS
1500	Coffee/tea	
1530	Introduction to GeoX <ul style="list-style-type: none"> • Prospect & play analysis • Volumetric calculation 	Mr. P Caine Tan Sales Manager GeoKnowledge Asia Pacific
1700	Summary for Day 1	EPPM Coordinator & Resource person
1830	Welcome Dinner (smart casual)	Hosted by PETRONAS (venue tba)
Day 2: 6 Sep		
0830	Review of day 1 and moving forward to day 2	EPPM coordinator
0840	Continue with play/prospect analysis and volumetric calculation	All participants
1000	Coffee/Tea	
1020	Continue with volumetric analysis	All participants
1200	Lunch	

1330	Feedback and discussions: Play and Prospect analysis <ul style="list-style-type: none"> • What did we learned? • What are the challenges .. and possible solutions? Q & A / discussions	All participants
1530	Coffee/tea	
1600	<ul style="list-style-type: none"> • The way forward • Field work information • Workshop evaluation • Awarding of tokens of appreciation and certificates 	EPPM Coordinator Fieldwork guide CCOP TS CCOP TS
1700	Closing of the workshop	CCOP TS
Day 3: 7 Sep 0800- 1600	Geological Field work	All participants to be led by the fieldwork master
1900	Farewell Dinner (smart casual)	Hosted by CCOP TS (venue TBA)

Notes:

All Countries (except Malaysia) must bring at least 1 notebook computer to be used in the GeoX exercises. Kindly install the Citrix Online Plugin 12.1 in your computer, use the instructions and link below.

“In order to use the asp.geoknowledge.com all participants need to have the Citrix Online Plugin 12.1 installed on their computers. You need to make sure all the participants have installed this prior to the course. This can be done from the following link:

<http://www.citrix.com/English/ss/downloads/details.asp?downloadId=2304987&productId=186> “