

**EPPM Program: Launching Seminar (S1)
9-10 October 2008, Bangkok**

Summary Report:



The 1st Seminar of the EPPM Program launched the 4-year CCOP-Norway Program for Enhancing Public Petroleum Management for the CCOP Member Countries (EPPM). The Seminar provided information on the EPPM Program contents, capacity building activities, future plans and the coordination set up to maximize the benefit of the EPPM to the Member Countries (MC). In addition, technical presentations were added to give an overview of the current issues related to gas development and Carbon capture & storage.

A total of 33 participants from the oil & gas regulatory agencies, national oil companies, geoscience research agencies, academic institutions, and CCOP Technical Secretariat. They represent the 8 MC (China, Indonesia, Japan, Korea, Malaysia, Philippines, Thailand, and Vietnam). In addition, Timor Leste was also invited and sponsored by the Program. Also, 6 resource persons from Norway attended the Seminar, courtesy of NPD and PETRAD.

The opening ceremony was graced by

- Ms Anne Lilleren, Minister Counselor of the Royal Norwegian Embassy in Bangkok,
- Mr. Preecha Chansiritanon, Director-General of the Department of Mineral Resources and Permanent Representative of Thailand to CCOP,
- Dr. Oystein Berg, Managing Director of PETRAD (Norway),
- Mr. Per Blystad, Senior Advisor/ Norad Project Coordinator, Norwegian Petroleum Directorate (NPD), and
- Dr. Hee-Young Chun, Director, CCOP Technical Secretariat

The topics covered by the Seminar are as follows

1. CCOP Technical Secretariat presentations
 - a. CCOP profile & the GeoResource Sector
 - b. History of capacity building activities in the O & G sector, outputs and its impact in the MC & CCOP Technical Secretariat, and the lessons learned
 - c. The EPPM Program
 - i. EPPM program profile
 - ii. EPPM a learning journey – how this can be sustained?
 - d. Cross- border case studies in CCOP- the lessons learned
 - e. Metadata Projects in CCOP- status report
 - f. POKM to support capacity building in EPPM
 - i. networking structure
 - ii. national coordinator, working & expert groups
 - g. Way Forward for EPPM Program
2. Member Country presentations
 - a. Indonesia, Thailand and Malaysia
 - i. Introduction of the Cross- border case study for P1 – Mergui-North Sumatra Basin
 - b. China – Overview of the Puguang gas field of the Sichuan basin
3. Norway presentations
 - a. Natural Gas development (*StatoilHydro courtesy of PETRAD*)
 - i. Technological trends, challenges & solutions
 - ii. Issues related to global warming & what are the solutions
 - iii. Role of government & industry
 - b. Opportunities for O & G in the CDM (*StatoilHydro courtesy of PETRAD*)
 - i. Carbon Capture & Storage - where are we now?
 - c. Resource Classification System (*NPD*)
 - i. What & who benefits from this system?
 - ii. Why the need for a uniform system?
 - iii. Latest developments
 - d. Metadata system for O & G database (*NPD*)
 - i. Importance of a metadata system
 - ii. comparing metadata system for O & G database- advantages & disadvantages

The EPPM Program will have 2 strategic focus, natural gas development & environmental issues and the practice of knowledge management (POKM) in CCOP. The technical activities are grouped under 3 Projects as follows

1. (P1) Petroleum Resource Management with focus on Natural Gas
2. (P2) Natural Gas Field Development and Environmental Issues
3. (P3) Metadata on Natural Gas Resources in the CCOP Region

Focus on Natural Gas Development and Environmental issues

The objectives of Project 1 (P1) is to enhance the capability and capacity of the Member Countries in assessment of the undiscovered petroleum resources with focus on natural gas. The Project would be implemented thru a cross-border case study on the North Sumatra-Mergui

Basin which is under the national territory of Indonesia, Malaysia and Thailand. The planned activities to support the study will be 6 workshops with technical trainings and field works.

For the Year 2009, 3 workshops are planned (tentatively in January, May and September) for P1 on topics related to setting a common understanding of the basin geology and tectonic events, identifying the database & knowledge requirements, data correlation and field works. The workshops will be conducted in the case study host countries and participated by all MC.

P2's objectives are to enhance the capacity and capability of MC in natural gas development and clean development mechanism & environmental issues. P2 would be implemented through a series of 6 workshops using case studies on gas fields. China, through SINOPEC, has offered a case study of their Puguang gas field in the Sichuan basin (onshore) which has issues primarily related to H₂S and CO₂.

For the Year 2009, P2 plans to conduct 3 workshops on the topics on (1) gas hydrates as a new energy resources & potential for CCS (a follow up to the gas hydrates ws in Hanoi last June 2008) tentatively on March (in Philippines or Malaysia?), CO₂ sequestration – a solutions to the development of natural gas in the region? tentatively on June (in Indonesia or Vietnam?) and CO₂ & H₂S issues in China on November.

The objective of P3 is to set up an easily accessible metadata on natural gas resources of the CCOP Countries for knowledge sharing & preservation on natural gas resource exploration, exploitation and environmental impact mitigation. P3 is planned to be implemented through series of workshop dealing on requirement analysis of the MC, metadata contents & definitions, international standards, metadata structure design & software development, developing capacities for software usage and maintenance, capacities for data base population and validation, and capacities for collaboration in the CCOP networks. P3 plans to conduct 4 workshops, 1 in December 2008 (in China) and 3 in the Year 2009 to be hosted by other MC.

Focus on the Practice of Knowledge Management

The POKM will leverage on the existing networking of various agencies in the MC and with the Cooperating Countries, such as Norway. POKM will focus on knowledge sharing and preservation and requires the MC to properly set up their coordination structures. The role of the national coordinators, group leaders and the importance of work groups as facilities for knowledge sharing and preservation were elaborated and discussed during the Seminar.

Partnership with NPD and PETRAD



The signing of the Institutional Cooperation Agreements between CCOP and NPD and another between CCOP and PETRAD were also accomplished during the Seminar. These agreements further cemented the partnership of CCOP and Norway to support the capacity building needs of the MC through the implementation of the EPPM Program activities. NPD is CCOP's partner for the implementation of P1 & P3, and with PETRAD for P2.

The signing of the cooperation agreements were witnessed by all participants of the Seminar. Representing NPD during the ceremony was Mr. Per Blystad (on behalf of NPD Director-General Bente Nyland). Dr. Oystein Berg, Managing Director of PETRAD signed for PETRAD. Dr. Hee-Young Chun, Director of CCOP Technical Secretariat signed for CCOP (with authority from the CCOP Steering Committee Chairman).

A CDr containing the presentations, program and list of participants, note for information and some photos taken during the Seminar were distributed to all participants. Copies of the CDr can also be obtained from the Technical Secretariat for free upon request.

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