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# CCOP -DMF Workshop on the Application of UNFC 2009: Classification and Reporting of Petroleum Reserves/Resources and CO2 Injection Projects (S3)

Bangkok, 8-11 Dec 2014

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## Summary



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## Introduction

The CCOP Technical Secretariat together with the Department of Mineral Fuels - Thailand conducted a Workshop on Classification and Reporting of Petroleum Resources/Reserves and Injection Projects in Bangkok (coded S3), Thailand on 8-11 December 2014. A total of 37 participants from CCOP member countries - Cambodia, Indonesia, Korea, Lao-PDR, Malaysia, Papua New Guinea, Philippines, Vietnam and Thailand (host of the Workshop).



### Workshop Sessions

The Workshop covered discussions of the vital role of Government Institutions that are tasked to managed the national energy resources, to be able to maintain a complete overview of all the petroleum resources within the national territory for the best interest of its society.



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While member countries have varying needs and procedures in reporting petroleum reserves (& resources), it is common practice to use a standard classification system such as the Petroleum Resources Management System (PRMS) that is developed by SPE/WPC/AAPG/SPEE. The publication of United Nations Framework Classification for Fossil and Mineral Reserves and Resources 2009 (UNFC 2009, Energy Series 42) provides a tool for all countries to report accurate and consistent estimates of fossil energy (including petroleum), coherent with other scientific and social/economic information that is universally accepted standard. The PRMS is aligned with UNFC 2009 and is now the bridging document for the petroleum sector.

The first session of the workshop was devoted to presentations on the ***Petroleum development in Thailand, The UNFC 2009, and CCOP Country reports*** including the discussions of reporting procedures of the CCOP member countries. The various reporting guideline adapted by the member countries - as to when reports are to be published, its contents and who are the users of the report, were also discussed. The challenges and efforts for a suitable solutions were identified and shared among members.

Another session on case studies of mapping of a national reporting system to UNFC was also accomplished, highlighted by the ***Norwegian case study*** and followed by workshops and discussions using the data from selected oil and gas fields in Thailand. The mapping workshop was designed to provide participants with the opportunity to learn and apply the UNFC 2009.

### **The Way Forward**

The Workshop participants agreed to form a working group that would facilitate the sharing of information and best practices in the classification and reporting of reserves. These includes data analysis, sharing of information on the procedure and costs involved in the analysis and the systems used by the countries. The group also agreed to use the UNFC system as a classification and reporting tool for petroleum resources and reserves and would like to learn deeper the application of the UNFC system by more case studies.

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There is also a need to compare UNFC to other reporting systems in the future workshops. The follow-up workshop is tentative scheduled on April 2015.

### **Invited Resource Persons**

Invited resource persons from Gaffney, Cline and Associates (GCA) presented the topics ***Financial Reporting of Upstream Projects*** and ***Reserves Reporting from Industry and Government Perspectives***, highlighted the importance of consistency in reporting which can only be obtained by universal adoption of a global standard (such as the UNFC) and monitoring to ensure compliance.

Present during the Opening Ceremony were H.E. Kjetil Paulsen (Ambassador of Norway to Thailand), Mr. Supot Jermawardipong (Permanent Representative of Thailand to CCOP and Director-General, Department of Mineral Resources), Dr. Songpope Polachan (Advisor to the Ministry of Energy and former DG, Department of Mineral Fuels) and Dr Adichat Surinkum (Director, CCOP Technical Secretariat). The main resource person of the Workshop was Mr. Per Blystad, Senior Geologist, Norwegian Petroleum Directorate, Norway and member of Technical Advisory Group for UNFC. Other speakers included Mr. Eddy Tan and Mr. Tony Harrison of GCA, Singapore and presenters from the CCOP member countries.

A 1-day field trip was organized by DMF to visit interesting sites in Ratchaburi Province. For more details of the CCS-M S3 Workshop, please follow this link: <http://www.ccop.or.th/ccsm/>

