



CCOP EPPM Program Update & background for P2W6

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**Coordinating Committee for Geoscience
Programmes in East and Southeast Asia (CCOP)**

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CCOP

**Coordinating Committee for Geoscience
Programmes in East and Southeast Asia**

Vision: Geoscience for a Sustainable Future

**Mandate: Promote and coordinate
joint applied geoscience
programmes for sustainable
development in East and Southeast
Asian countries**





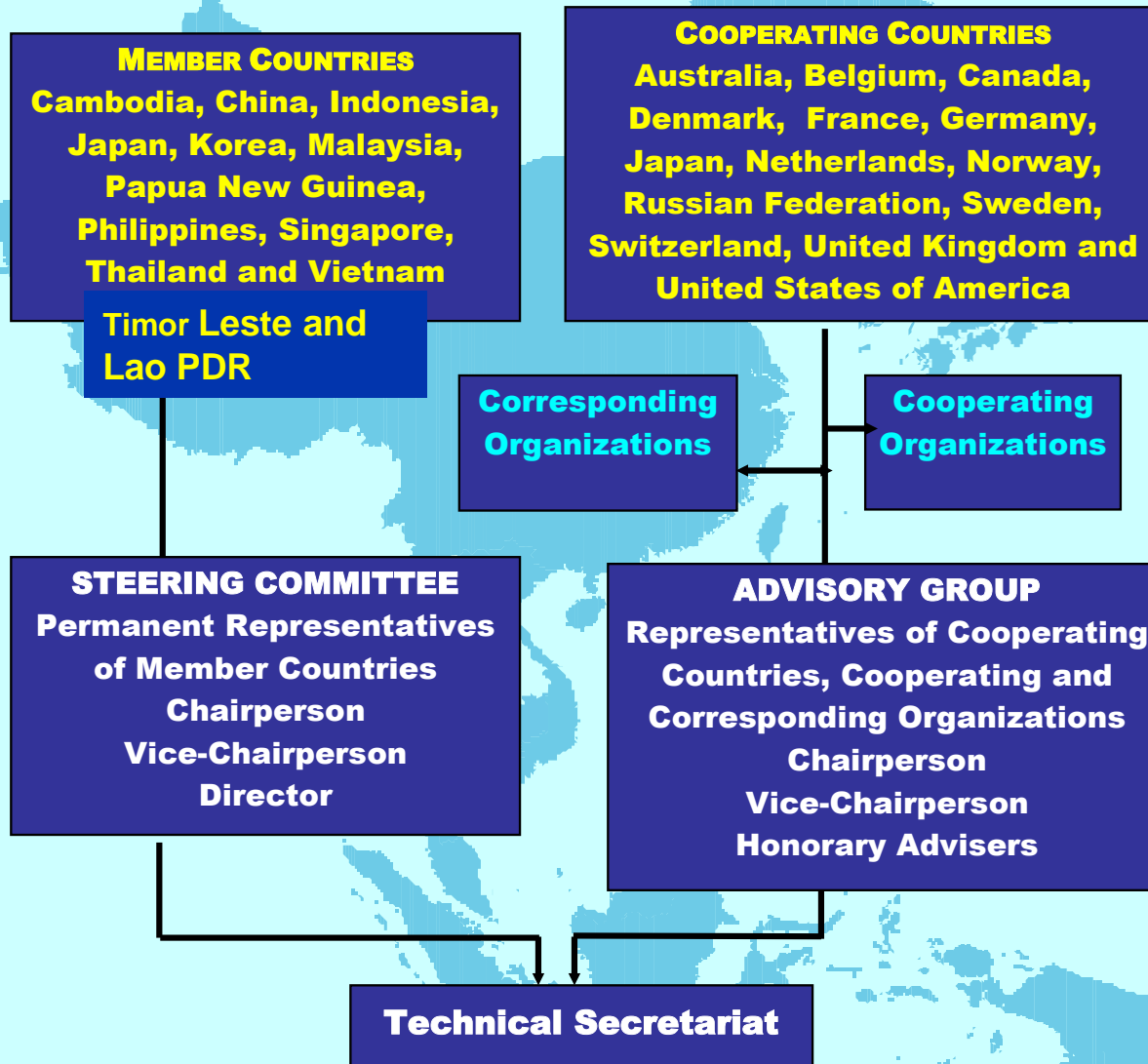
CCOP

BACKGROUND

- Established 1966 under UN ESCAP
- 1987 became Intergovernmental Organization (UN funding continued)
- 1991 full IGO
- Close link maintained with UN through ESCAP



CCOP ORGANIZATIONAL CHART



SECTORS & PROGRAMMES

SECTORS						
GEO-RESOURCES			GEO-ENVIRONMENT			GEO- INFORMATION
PROGRAMMES						
MINERAL	ENERGY	GROUNDWATER	COASTAL ZONE	GEOHAZARD	ENVIRONMENTAL GEOLOGY	GEO-DATA & INFORMATIN MANAGEMENT



EPPM Program

◆ CCOP-Norway Cooperation Program for Enhancing Public Petroleum Management of the CCOP Member Countries (EPPM)

- The goal is to create the highest possible value for society from petroleum resources in order to improve the quality of life of the people in the CCOP Member Countries.



GOOD GOVERNANCE

Capacity-building

“Geoscience for Society”



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EPPM Program

- ◆ Agreement between Norway & CCOP signed on 10 July 2008
- ◆ 4-year, **July 2008- June 2012**
- ◆ Budget: **NOK15 Million**
- ◆ Implementing agency: **CCOP TS**
- ◆ Cooperating agency: **NPD & PETRAD**
- ◆ Beneficiaries: **CCOP Member Countries**



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EPPM Program

◆ 3 Projects

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



EPPM Strategic Focus

- ◆ **Natural Gas development & Environmental issues**
- ◆ **Practice of Knowledge Management**



P1- Petroleum Resource Management with focus on Natural Gas

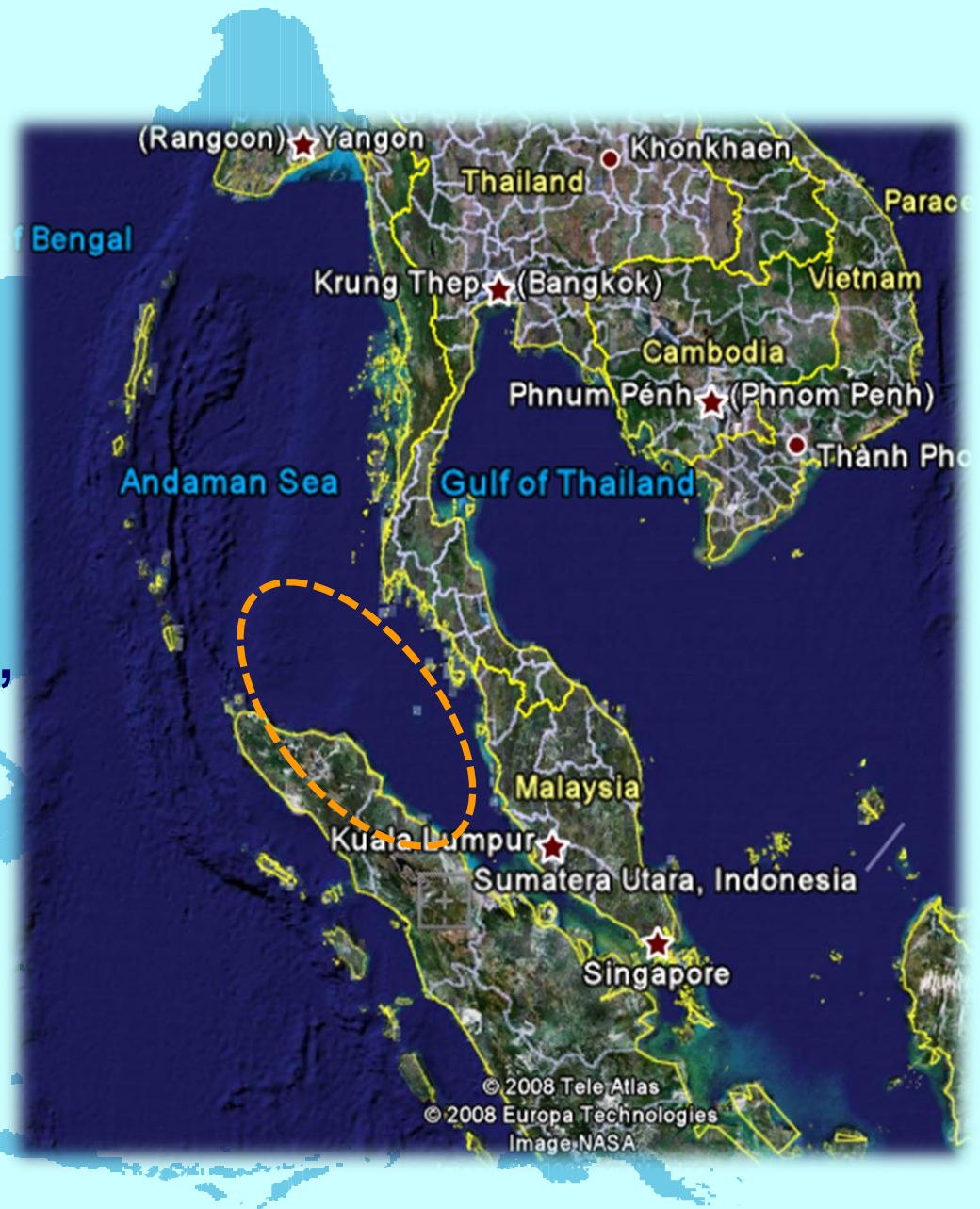
- ◆ **Objectives:** To enhance the capability and capacity of MC in assessment of the undiscovered petroleum resources with focus on natural gas
- ◆ **Implementation thru cross-border case study**
 - Supported by series of workshops, field works & trainings



P1

◆ Cross-border Case study area: **North Sumatra – Mergui basin**

- Shared by Thailand,
Malaysia &
Indonesia



P1



P2 -Natural Gas Field Development and Environmental Issues

- ◆ **Objectives:** To enhance the capacity and capability of MC in natural gas development and clean development mechanism & environmental issues
- ◆ **Implementation:** series of 6 workshops
 - Natural gas development technologies
 - CO2 for EOR
 - CCS – Carbon Capture & Storage



P2 -Natural Gas Field Development and Environmental Issues

- **CO₂- alternative use, IOR & EOR technologies**
- **Gas hydrates**
- **Carbon Capture & Storage, CCS (into geological reservoir),**
 - **Legal framework, HSE in CCS**
 - **Gas flaring**
 - **Clean Development Mechanism**
 - **Geological risks, selection criteria, technologies for assessment & monitoring**
 - **Strategies for Public acceptance**



EPPM P2

◆ Availing of world-class expertise through the PETRAD networks



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P3 - Metadata on Natural Gas Resources in the CCOP Region

- ◆ **Objectives:** 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 - Metadata on Natural Gas Resources in the CCOP Region

◆ Implementation

– Series of workshops on

- ☞ Requirements Analysis, metadata contents & definitions referring to international standard(s)**
- ☞ Database structure design & software development**
- ☞ Developing capacities for software usage**
- ☞ Population & validation of data base**

◆ Collaborating with existing metadata work group in CCOP





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Recent Publication

- [Feasibility Study of Networking Petroleum Geoscience Institutions in East and SE Asia \(FS Project\)](#)
- [Proceedings of the 40th CCOP Annual Session \(Part II\)](#)
- [CCOP Newsletter Vol 32 No. 3/4 \(July - Dec 2007\)](#)

Our Partners



Welcome to the EPPM Program homepage

Here you will find the latest information about the CCOP - Norway Program for Enhancing Public Petroleum Management of the CCOP Member Countries (EPPM Program), the 3 Projects under the EPPM Program, the capacity building case studies and workshops under each Projects, dissemination seminars, information about the recently conducted Workshops as well as of past Workshops/Seminars and upcoming events.

The EPPM Program is a 4-year program commencing in July 2008 and is funded by the Norwegian Government to benefit the CCOP Member Countries. The goal is to create the highest possible value for society from petroleum resources in order to improve the quality of life of the people in the CCOP Member Countries. For the implementation of the technical activities, CCOP partnered with the Norwegian International Programme for Petroleum Management and Administration (PETRAD) and Norwegian Petroleum Directorate (NPD).

P1W4: North Sumatra – Mergui Basin Case Study: Workshop on Seismic Stratigraphy and Petroleum play concepts, Chiang Mai, Thailand

March 11, 2011



P1W4 is the third workshop under Project 1 (P1), *Petroleum Resource Management with focus on Natural Gas* of the EPPM Program and organized by the CCOP Technical Secretariat with the cooperation of Department of Mineral Fuels (DMF), Ministry of Energy, Thailand and Norwegian Petroleum Directorate (NPD). The objective is to conduct the basin modeling of North Sumatra – Mergui basin (cross-border case study) 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.

[More...](#)

P3W5: Workshop/training for Metadata encoder and data managers using the new CCOP GIMS, Kuala Lumpur, Malaysia

January 27, 2011



P3W5 is the 5th Workshop under Project 3 (P3), *Metadata on Natural Gas Resources in the CCOP Region of the EPPM Program* and organized by the CCOP Technical Secretariat with the cooperation of PETRONAS' PMU. The objective is to further enhance the knowledge of data managers and encoders from the Member Countries participating in the EPPM Program P3 on the new CCOP Geo-information Metadata System (GIMS) that is developed by the China Geological Survey (CGS).

[More...](#)



THANK YOU!

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