



CCOP

EPPM Program

P1W4

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

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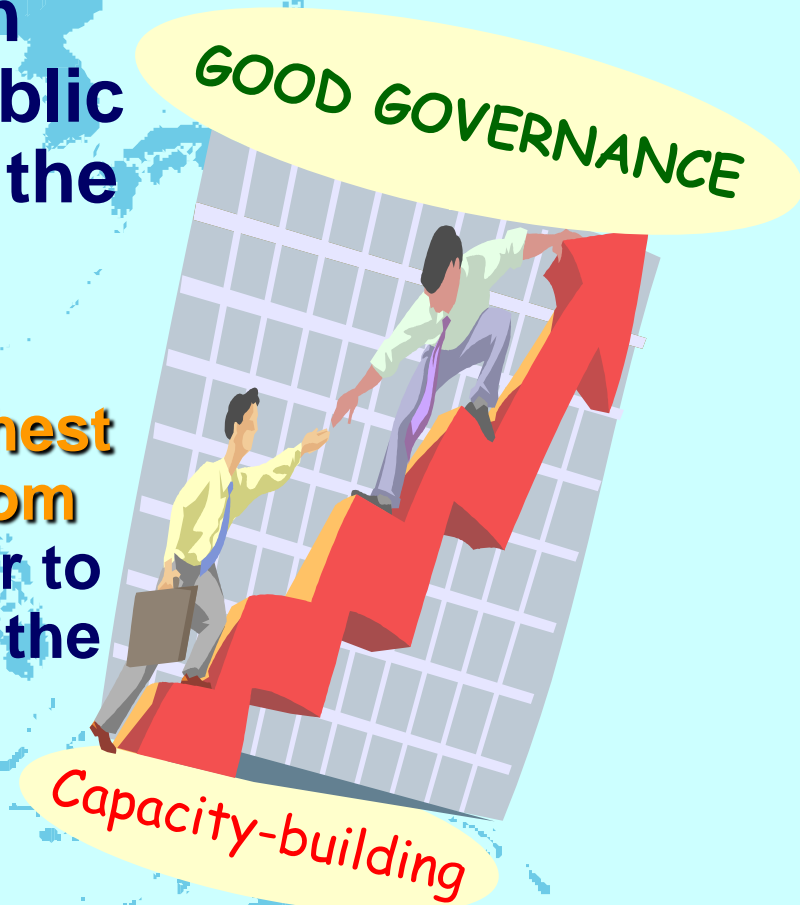
- ◆ EPPM Program profile
- ◆ Accomplishments within Project 1 (P1), so far
- ◆ Way forward



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.



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

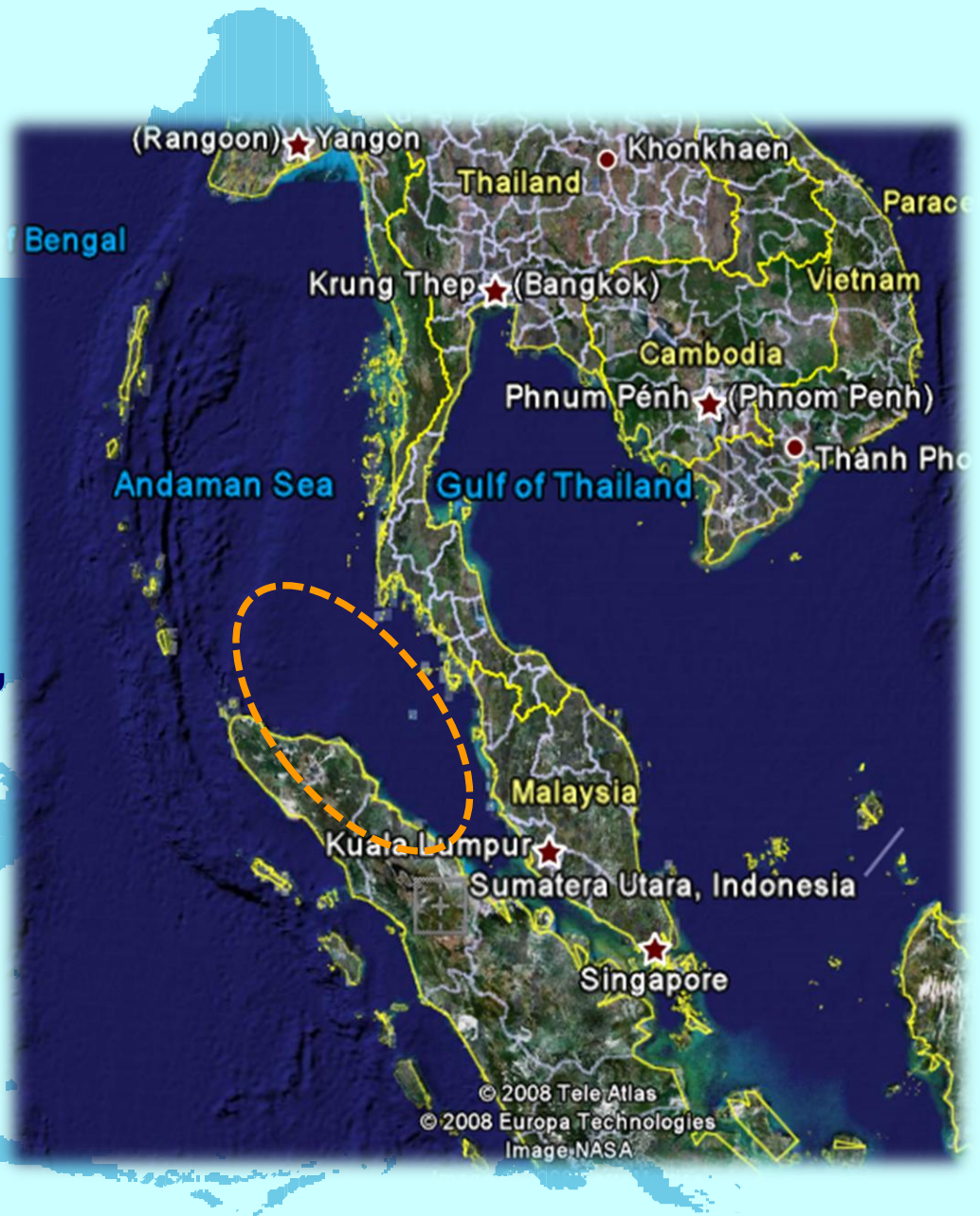
- ◆ **Objectives:** To enhance the capability and capacity of MC in assessment of the undiscovered petroleum resources with focus on natural gas
- ◆ **Implementation thru cross-border case study**
 - Supported by series of workshops, field works & trainings



P1

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

- Shared by Thailand,
Malaysia &
Indonesia



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
 - Case study of SINOPEC's Puguang gas field (Sichuan basin)- high H₂S & CO₂



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**
- **CCS potential reservoir**
 - **geological risks, selection criteria, technologies for assessment & monitoring**



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

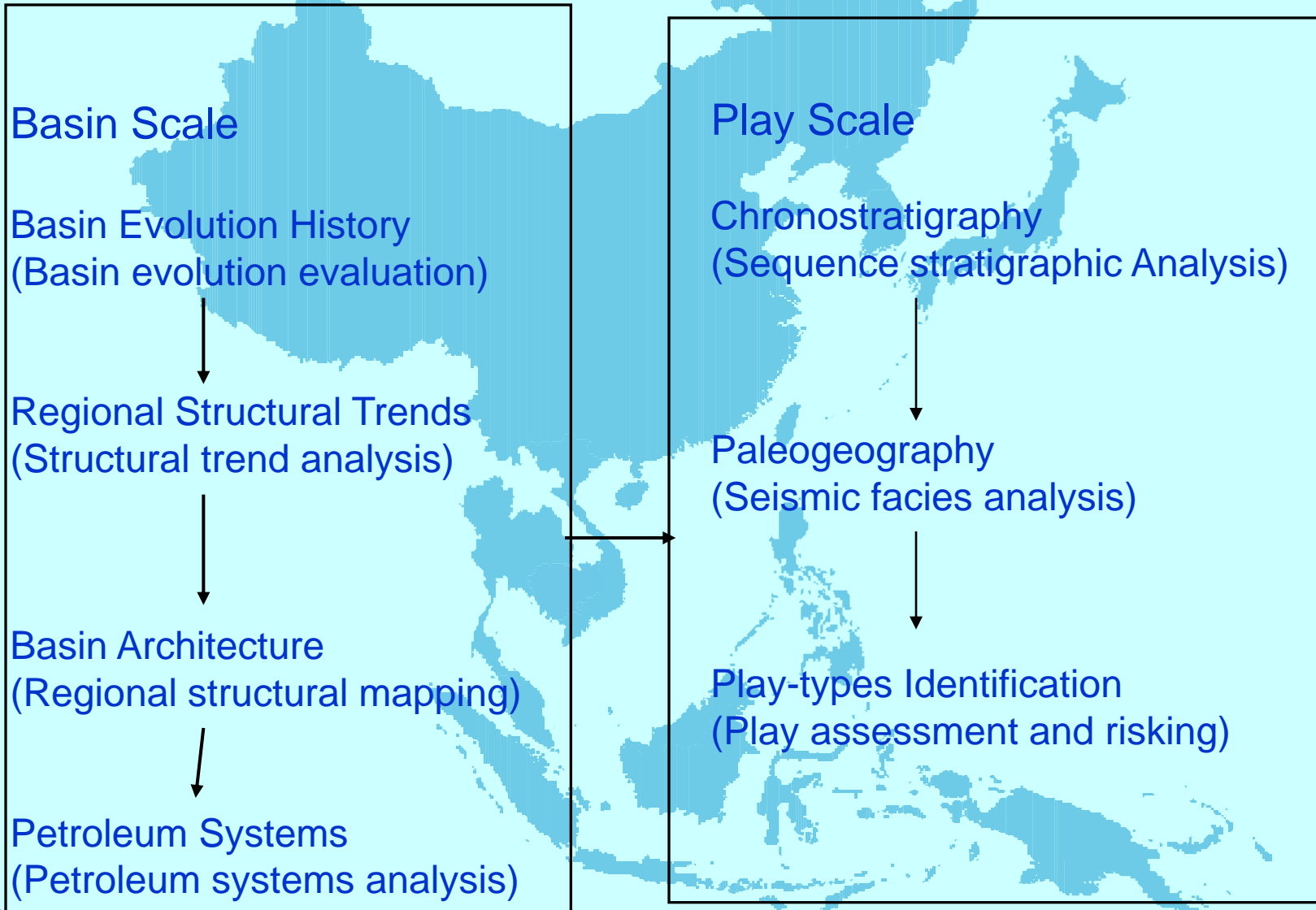
– Series of workshops on

- ☞ 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



EPPM P1 BASIN ANALYSIS WORKFLOW



P1M1- LEMIGAS, Jakarta



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P1W2





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Last modified on Feb. 9, '11

Welcome to the EPPM Program homepage

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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, upcoming events, and discussion forum with information on who is online.

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).

Recent Publication

- [Proceedings of the 40th CCOP Annual Session \(Part II\)](#)

www.ccop.or.th/eppm/news.php

P3W5: Workshop/training for Metadata encoder and data managers using the new CCOP GIMS, 17-19 January 2011,

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

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THANK YOU!

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