



CCOP

EPPM Program

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Bali, Indonesia

P2W5



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**



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CCOP

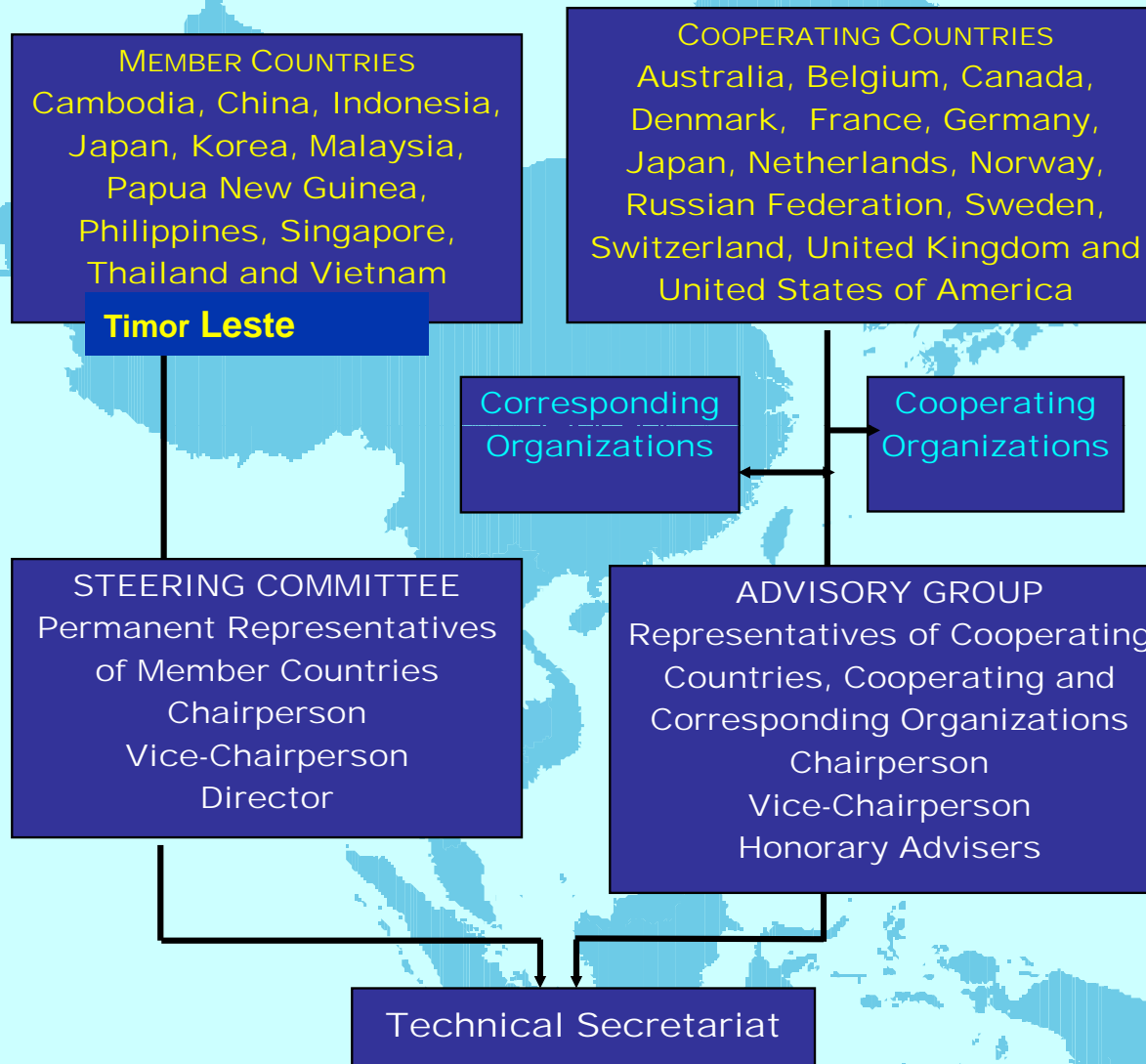
BACKGROUND

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



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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



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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 Program

◆ Outputs

- Trained and more knowledgeable professional staff in the MC
- Working Group and Expert Group formed
- Project Report
- Improved Natural gas database that is easily accessible
- Project website for information, reporting, knowledge sharing and preservation
- Networking and cooperation among MC is further strengthened



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



EPPM P1



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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
 - 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**



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**




http://www2.ccop.or.th/eppm

← → ↻ ☆ http://www2.ccop.or.th/eppm/index.php ▶ ⌵ 🔧

EPPM

Enhancing Public Petroleum Management



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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).

Courtesy Visit to New Permanent Representative of Thailand to CCOP

July 20, 2010



On 14 June 2010, the CCOP TS Director, Prof Dr He Qingcheng, along with the three Sector Coordinators paid a courtesy visit to the new Director-General (DG) of the Department of Mineral Resources (DMR), Thailand, Mrs. Pornthip Pancharoen. She was officially installed as the new DG of DMR on 28 April 2010...

Recent Publication

- [Proceedings of the 40th CCOP Annual Session \(Part II\)](#)
- [CCOP Newsletter Vol 32 No. 3/4 \(July - Dec 2007\)](#)

P2W5: Workshop on Mapping of Potential Reservoir for CCS & Selection Criteria

28-30 September 2010

- ◆ **Objectives:** To enhance the capacities of the CCOP Member Countries for a sustainable energy policy with Carbon Capture and Storage (CCS) into the geological formation as part of the solution to global climate change.



◆ **ASCOPE – CCOP – PETRAD Meeting to Develop a Project Concept for a (4- year) Regional Program on CO₂-CCS Challenges, 1 October 2010**

- will focus on exploration and production of CO₂- rich gas reservoirs, capture of CO₂ from industrial plant, transportation of CO₂, use of CO₂ for EOR, mapping of suitable storage areas for CO₂, storage of CO₂ and related issues such as HSE





THANK YOU!

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