

EPPM Program at a glance

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CCOP

Coordinating Committee for Geoscience Programmes in East and Southeast Asia

Vision: Geoscience for a Sustainable Future

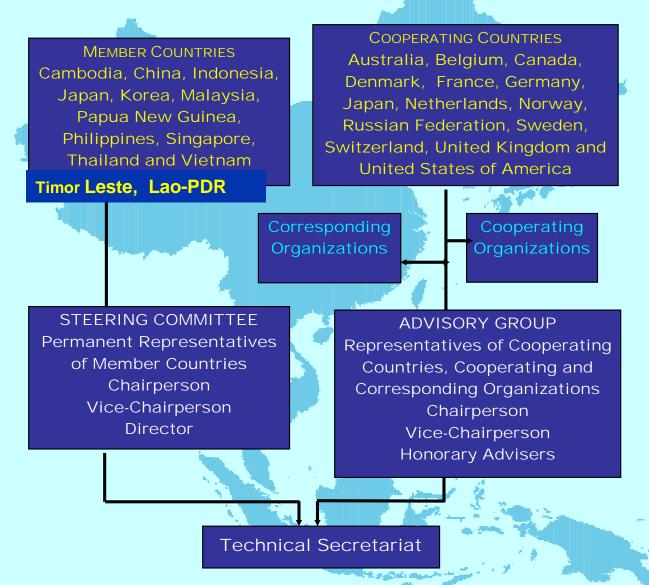
Mandate: Promote and coordinate

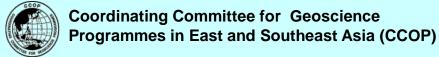
joint applied geoscience programs for sustainable development in East and Southeast Asian countries

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





EPPM Program

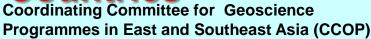
- ◆ CCOP-Norway Cooperation Program for Enhancing Public Petroleum Management of the CCOP Member Countries (EPPM)
 - The goal is to create the highest possible value for society from petroleum resources in order to improve the quality of life of the people in the CCOP Member Countries.



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







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

P1

◆ Cross-borderCase study area:North Sumatra –Mergui basin

Shared by Thailand,
 Malaysia &
 Indonesia



EPPM P1 BASIN ANALYSIS WORKFLOW

Basin Scale

Basin Evolution History (Basin evolution evaluation)

Regional Structural Trends (Structural trend analysis)

Basin Architecture (Regional structural mapping)

Petroleum Systems (Petroleum systems analysis)

Play Scale

Chronostratigraphy (Sequence stratigraphic Analysis)

Paleogeography (Seismic facies analysis)

Play-types Identification (Play assessment and risking)







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

EPPM P2

 Availing of world-class expertise through the PETRAD networks

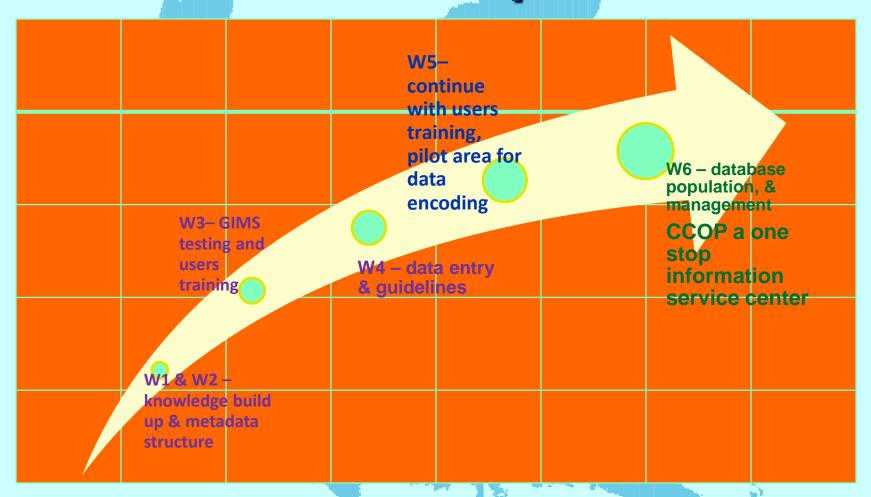


P3 - Metadata on Natural Gas Resources in the CCOP Region

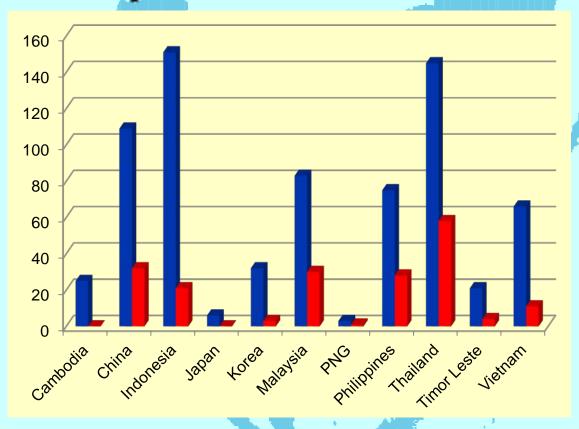
♦ Objectives: To set up an easily accessible metadata on natural gas resources of the CCOP Countries for knowledge sharing & preservation on natural gas resource exploration, exploitation and environmental impact mitigation



EPPM P3 Roadmap



Participation in EPPM



- Total number of participants by country
- Total female participants by country

- ♦ 792 participants, as of end 2011
- ~30% female participants
- More than 60% with management positions



Plan for 2012

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Activities	Jan-12	Feb	Mar	r	May	Jun	1	Aug	Sep	Oct	Nov	Dec
CCOP-Norway Annual						-						
Mtg		8/BKK										
		9-					y					
S4: UNFC		10/BKK					7	ř.				
P3- training/ws			13-									
CA/LAO			14/PHN		3	- مو						
		4	15-									
P3W6		4.0	16/PHN		7							
P1W6		1			22- 24/M Y	No. 6						
S5: Decommissioning			7			12- 14/TH						
DS1: Gas Devt & CCS	l			15		46 1			12- 14/IN			
DS2: D1 Casa Study					K	2 - 2	2				13- 15/M	
DS2: P1 Case Study FINAL REPORT		`	THE STATE OF THE S		- 1		, with	<i>i</i>		-4	T	1

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

