

CCOP-DANIDA
Institutional Capacity Building Project ICB-CCOP1
Sulu Sea—East Sabah Basin & Yinggehai-Song Hong Basin Case
Study Meeting
21-22 August 2007, Phuket, Thailand

Report on proceedings and discussions at the Meeting

Date and Venue:

The meeting was held on 21-22 August, 2007, in Merlin Ballroom A, Merlin Beach Resort.

Address: 99 Muen-Ngoen Rd., Tri-Trang Beach,

Patong, Kathu District

Phuket, 83150, Thailand

Tel (66-76) 294300, 294333, Fax (66-76) 294310

Website: <http://www.merlinphuket.com/merlinbeach/index.html>

Local Organizer: CCOP Technical Secretariat

Participants:

Twenty (20) participants from China, Malaysia, Philippines and Vietnam attended the meeting.

The represented agencies/institutes were:

- ❖ China Geological Survey (CGS)
- ❖ Qingdao Institute of Marine Geology, China Geological Survey (CGS)
- ❖ Guangzhou Marine Geological Survey, China Geological Survey (CGS)
- ❖ China National Offshore Oil Corporation(CNOOC)
- ❖ PETRONAS, Malaysia
- ❖ Department of Energy (DOE), Philippines
- ❖ Vietnam Petroleum Institute (VPI), Vietnam
- ❖ Vietnam Oil and Gas Group (Petrovietnam), Vietnam
- ❖ Geological Survey of Denmark and Greenland (GEUS), Denmark
- ❖ CCOP TS

The total participants of the meeting were twenty-six (26), detailed name list of participants is attached in Annex 1.

Program:

The detailed program of the meeting is provided in Annex 2.

Background and Purpose of the Meeting:

This meeting was organized by the CCOP Technical Secretariat. This case study meeting was identified as finalizing the final report of the case study, which should include the maps, figures, tables and well-formatted literal descriptions according to the “Outline of Case Study Final Report” set up during the workshop in Ho Chi Minh City earlier this year. The National Coordinators of ICB-CCOP1 Project and research team members from China, Malaysia, the Philippines and Vietnam were invited to attend this meeting.

Record of Proceedings and Discussions at the Meeting:

Ms. Vareerat Unwerawattana was the host for this opening ceremony. First, on behalf of the ICB-CCOP1 Project, Mr. Liu Liqun, Project Coordinator from CCOP Technical Secretariat, expressed his warm welcome to all participants attending this meeting. He said he had been expecting this moment for a long time. It would be a wonderful opportunity for the ICB case study partners and research team members to reunite and work together for the case final report. He also expressed his deep appreciation to **Dr. Hee-Young Chun**, Director of CCOP Technical Secretariat and **Mr. Ioannis Abatzis**, Representative of Denmark to CCOP and Senior Advisor of the ICB-CCOP1 Project for giving their valuable time to attend the meeting (Annex 31).

Mr. Ioannis Abatzis, Representative of Denmark to CCOP, made the welcome remarks. He congratulated current achievements from the cross-border joint case study, which set up the new milestone in CCOP history. He encouraged all delegates to continue to work together in this meeting for fruitful result.

Following up, Dr. Hee-Young Chun, Director of CCOP Technical Secretariat made a comprehensive opening speech. On behalf of CCOP, he gave his warm welcome to all delegates and expressed sincere appreciation to the generous support from Royal Danish government. His speech provided the guideline for this meeting. He gave a brief reviewing on the joint case study. He wished the success of this meeting and announced official opening of the meeting (Annex 4).

After coffee break, Mr. Liu Liqun gave a brief reviewing of the ICB-CCOP1 Project cross-border joint case study and stated the goal of this meeting.

Afterwards, Mr. Zulhaimi Bin Abdul Rahman from Petronas, as one of research team members of Sulu Sea-East Sabah basin case study, made a general presentation on the output of the joint case study from Malaysia side. Dr Allagu Balaguru introduced the regional geology, basin evolution, sequence stratigraphy analysis and Mr. Chan Eng Hoe presented basin modeling results.

Subsequently, Ms. Ma. Corazon Sta. Ana from Department of Energy, Philippines reported the joint case study result from Philippines side. The presentation introduced the background of the Sulu Sea basin, basin modeling results and hydrocarbon potentials.

Next, Dr. Cai Feng, National Coordinator of ICB-CCOP1 Project, made a comprehensive presentation that covered regional geology, joint field study, basin modeling, petroleum system analysis and hydrocarbon potential.

After Dr. Cai's presentation, Mr. Vu Anh Tuan, joint case study research team member from Vietnam Petroleum Institute presented the outputs from Song Hong-Yinggehai basin cross-border joint case study from Vietnamese side. His presentation included a brief description of the exploration history, basin evolution, petroleum system analysis, play assessment and hydrocarbon potentials. At the end, Mr. Tuan mentioned that, based on the valuable achievements obtained from the ICB-CCOP1 Project implementation and the joint study on Song Hong-Yinggehai basin between Vietnam and China, for the purpose of extending the achievements to the adjacent area, Vietnam would like to make two proposals for the next research cooperation phase of CCOP as following:

1. Continue to establish new Vietnam - China joint case study project on the Ha Long Sub-basin and the Beibuwan basin.
2. Establish Vietnam – Malaysia joint case study.

The mud diapir issues in the Song Hong-Yinggehai basin was discussed actively. The experts from China and Vietnam shared their expertise with other participants on this issue.

In the afternoon and following day, the participants were divided into two groups according to the two case studies respectively. Both groups have been working hard on merging the final report. By the end of second day, first drafts of two case study reports have been created. Two case study groups made the commitments to submit the case study reports before 14 September 2007 with enclosure maps after finishing the final check.

The enclosure map headers and index maps have been identified after discussion (Annex 5).



**INSTITUTIONAL CAPACITY BUILDING IN CCOP COUNTRIES,
PHASE 1 (ICB-CCOP1)**



Group photo of the ICB-CCOP1 Project Case Study Meeting



***Case study presentation by
PETRONAS***



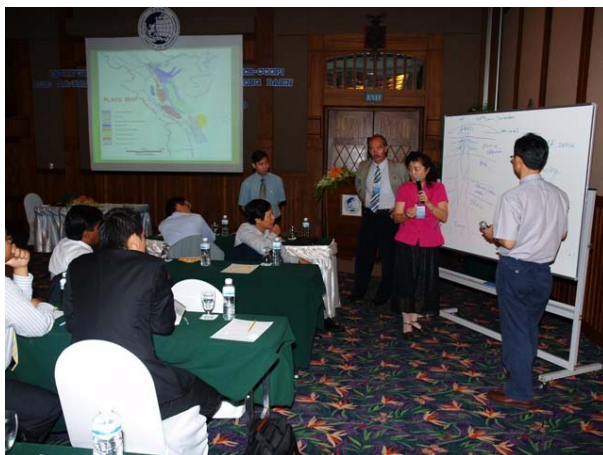
***Case study presentation by
DOE***



**Case study presentation by
China**



**Case study presentation by
Vietnam**



**Discussion on mud diapir in
Song Hong-Yinggehai basin**



**Discussion on case study final
report merging**



*Discussion on case study final
report merging*




*Discussion on case study final
report merging*







Annex1



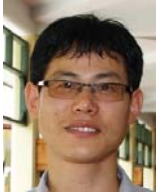




CCOP-DANIDA Institutional Capacity Building Project ICB-CCOP1
Sulu Sea—East Sabah Basin & Yinggehai-Song Hong Basin Case Study Meeting
21-22 August 2007
Phuket, Thailand






DISTINGUISHED GUEST

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Annex 2

CCOP-DANIDA Institutional Capacity Building Project ICB-CCOP1 Sulu Sea—East Sabah Basin & Yinggehai-Song Hong Basin Case Study Meeting 21-22 August 2007, Phuket, Thailand

PROGRAM

Day 1: 20 August (Monday)

Arrival of Participants / Check-in Hotel

Day 2: 21 August (Tuesday)

08:30	Registration	CCOP TS
09:00	Opening Ceremony: Welcome Speech by <i>Mr. Liu Liquan</i> , ICB-CCOP1 Project Coordinator Welcome Remark by <i>Mr. Ioannis Abatzis</i> , Representative of Denmark to CCOP Opening Address by <i>Dr. Hee-Young Chun</i> , Director of CCOP Technical Secretariat	
09:30	Group Photo and Coffee/tea break	
10:00	Introduction	
10:10	Briefing on the target of the meeting by Project coordinator, Mr. Liu Liquan	
10:30	Presentations by the Malaysia, Philippines, China and Vietnam delegations Final reports of the case studies (20 minutes each)	
	Sulu Sea-East Sabah Basin	Mr. Robert Wong Hin Fatt / Research team member
	Sulu Sea-East Sabah Basin	Mr. Guillermo H. Ansay / Research team member
	Yinggehai-Song Hong Basin	Dr. Cai Feng / Research team member
	Yinggehai-Song Hong Basin	Dr. Nguyen Trong Tin / Research team member
12:00	Lunch Break	
13:30	Divided into two groups for merging the final reports, maps, figures and tables of the case studies	
15:00	Coffee/tea break	
15:15	Continue discussions	
17:30	End of the day	
18:30	Welcome Dinner	

Day 3: 22 August (Wednesday)

08:30	Continue discussions
10:00	Coffee/tea break
10:30	Continue discussions
12:00	Lunch Break
13:30	Finalize the final reports, maps, figures and tables of the case studies
15:00	Coffee/tea break
15:30	Final presentation on each case study and wrap up
17:30	End of the day

Annex 3

SPEECH BY PROJECT COORDINATOR OF ICB-CCOP1 PROJECT

MR. LIU LIQUN

**At the opening of the CCOP-DANIDA
Institutional Capacity Building Project ICB-CCOP1
Sulu Sea-East Sabah Basin & Yinggehai-Song Hong Basin Case Study Meeting
21-22 August 2007, Phuket, Thailand**

**Dr. Hee-Young Chun, Director of CCOP Technical Secretariat
Mr. Ioannis Abatzis, Representative of Denmark to CCOP
National Coordinators of the ICB-CCOP1 Project
Research Team Members**

**Distinguished delegates
Ladies and Gentlemen,**

Good Morning,

I am glad to convey my warm welcome to all of you who are attending the CCOP-DANIDA Institutional Capacity Building Project ICB-CCOP1 Sulu Sea-East Sabah Basin and Yinggehai-Song Hong Basin Case Study Meeting. I have been expecting this moment for a long time, it is a wonderful opportunity for our ICB case study partners and research team members to reunite and work together on this beautiful Phuket Island. Meanwhile, I would like to express my deep appreciation to **Dr. Hee-Young Chun**, Director of CCOP Technical Secretariat and **Mr. IOANNIS ABATZIS**, Representative of Denmark to CCOP and Senior Advisor of the ICB-CCOP1 Project for giving us their valuable time to be here in this meeting.

During the past two and a half years, the implementation of the ICB-CCOP1 Project got strong support from our CCOP Member Countries, especially from project case study host countries. We are going to use this two days' meeting to summarize and conclude our outstanding achievements from the most interesting cross-border joint case studies. These important outputs will be disseminated to the stakeholders of our Member Countries and DANIDA later on. In this regard, I would like to encourage all the participants to work hand-in-hand for the final case study report and to achieve the fruitful results through common efforts. I believe these outputs are significant in understanding regional hydrocarbon potential and promoting the regional economy development, as well as harmonizing our CCOP family. My special appreciation goes to the National Coordinators and our research team members for your valuable cooperation and dedication during the last two and a half years.

Once again, I would like to thank **Dr. Hee-Young Chun**, Director of CCOP Technical Secretariat, for giving us his strong personal support for attending this meeting despite his extremely tight travel schedule. To my regret, for being with us, Dr. Chun has to miss the opportunity of attending the ASEAN Energy Business Forum 2007 due to schedule conflict. I also want to thank **Mr. Ioannis Abatzis**, Representative of Denmark to CCOP and Senior Advisor of ICB-CCOP1 Project for his knowledgeable advice and guidance for the project. Our sincere thanks go to the Royal Danish Government for their generous support to the ICB-CCOP1 Project through DANIDA.

To conclude my speech, I wish the meeting a success and your pleasant stay in Phuket.

Thank you

Annex 4

OPENING SPEECH BY DIRECTOR OF CCOP TECHNICAL SECRETARIAT

DR. HEE-YOUNG CHUN

**At the opening of the CCOP-DANIDA
Institutional Capacity Building Project ICB-CCOP1
Sulu Sea-East Sabah Basin & Yinggehai-Song Hong Basin Case Study Meeting
21-22 August 2007, Phuket, Thailand**

**Mr. Ioannis Abatzis, Representative of Denmark to CCOP and Senior advisor to ICB-CCOP1
Project**

Mr. Liu Liqun, ICB-CCOP1 Project Coordinator

National Coordinators of ICB-CCOP1 Project

Participants

Ladies and Gentlemen

Good Morning,

It is my great pleasure to welcome you all to the CCOP-DANIDA Institutional Capacity Building Project ICB-CCOP1 Meeting among the research members of Sulu Sea-East Sabah Basin Case Study from the Philippines and Malaysia and Yinggehai-Song Hong Basin case study from China and Vietnam. Also, on behalf of CCOP, I would like to express a deep appreciation to the presence of Mr. IOANNIS ABATZIS, Representative of Denmark to CCOP and Senior Advisor of ICB-CCOP1 Project and through Mr. Abatzis, I also would like to relay our thanks to DANIDA for their continued support in the course of the ICB-CCOP1 project.

These two days of meeting will be a concluding chapter of your hard work and efforts as we are going to discuss and finalize the report of the case study according to the outline agreed earlier this year in Ho Chi Minh City. In this regard, my special thanks go to the National Coordinators of each country for their unwavering support to the project and their research team members for their devotion during the last two years for the outcome of this final report. Upon the completion of this final report, the dissemination seminars to inform the stakeholders of the countries hosting case studies will be held in the 4th Quarter of this year.

I would like to emphasize that the final report will not be feasible without the close cooperation among the research teams. With the sharing and exchanging of data and technology, mutual trust has been built and capacity building encouraged. Hence, I do not think it is an overstatement to say that the bi-lateral cooperation is the exceptional accomplishment of the ICB-CCOP1 case study. We have become colleagues through the working process as a team and friends during the time we have spent together in places where each country has played the role of the generous host. It is amazing to see that even though we deal with obviously sensitive topic and data concerning the cross-border areas, we have reached this point where the end product has been progressively materializing. This is to say that we have overcome the geological barrier that previously existed before the course of the project's case study.

On behalf of CCOP, we once again thank Mr. Ioannis Abatzis, Representative of Denmark to CCOP and Senior Advisor of ICB-CCOP1 Project for his advice and guidance for the project, National coordinators of the case studies' host countries and their teams. We also thank Mr. Liu Liqun, ICB-CCOP1 Project coordinator for his dedication and hard work for the project.

Without any further ado, I would like to announce the opening of the CCOP-DANIDA Institutional Capacity Building Project ICB-CCOP1 Sulu Sea-East Sabah Basin & Yinggehai-Song Hong Basin Case Study Meeting. I wish you all a successful final meeting and enjoy your stay in the beautiful Island of Phuket.

Thank you

Annex 5

Map Head and Index Map of Case Study

 Institutional Capacity Building in CCOP Countries Phase 1
ICB-CCOP1 Project
Funded by DANIDA

Song Hong-Yinggehai Basin
Sea Bed Depth Map
C.I. xxx m

Jointly Mapped by China & Vietnam
Research Teams

December 2007


Cooperating Institutes:

-  China Geological Survey, CGS
-  China National Offshore Oil Corporation, CNOOC
-  Vietnam National Oil & Gas Group, PetroVietnam
-  Vietnam Petroleum Institute, VPI



Enclosure XX





 Institutional Capacity Building in CCOP Countries Phase 1
ICB-CCOP1 Project
Funded by DANIDA


Sulu Sea-East Sabah Basin
Sea Bed Depth Map
C.I. xxx m

Jointly Mapped by Malaysia & Philippines
Research Teams

December 2007

Cooperating Institutes:

-  Petroliaim Nasional Berhad, PETRONAS
-  Department of Energy, DOE



Enclosure XX

