



PETRAD



Department of Mineral Fuels
MINISTRY OF ENERGY

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

PROGRAM LEAFLET

EPPM P2W6: Workshop on Developing Strategies for Public Awareness and Acceptance of Carbon Capture Storage (CCS) into the Geological Reservoirs

7-9 June 2011, Bangkok, Thailand

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CCOP – Norway Program for Enhancing Public Petroleum Management of the CCOP Member Countries (EPPM)

Project 2 (P2), Natural Gas Field Development and Environmental Issues

P2W6: Workshop on developing strategies for public awareness and acceptance of Carbon Capture and Storage (CCS) into the geological reservoirs

A. 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. The workshop will focus on helping the Member Countries develop strategies for public acceptance of CCS.

B. Participants & Resource persons

1. Representatives from the CCOP Member Countries with background on the topic will be invited to participate in the workshop. Also to be invited are representatives from ASCOPE, National Oil Companies of other Member Countries as well as academic institutions and research institutes.
2. Resources persons from the CCOP and PETRAD networks.

C. Date & Venue

1. Date: 7-8 June 2011 for workshop and 9 June for fieldtrip
2. Venue: Bangkok, Thailand

Program

TIME	ACTIVITY	RESPONSIBLE PERSON/ORGANIZATION
	Day 1 : 7 June 2011, Tuesday	
0830	Registration	CCOP TS
0900	Opening Ceremony Welcoming Remarks <ul style="list-style-type: none"> • <i>CCOP Technical Secretariat</i> • <i>PETRAD</i> Opening Remarks <ul style="list-style-type: none"> • <i>Deputy Director-General, DMR and First Deputy Permanent Representative of Thailand to CCOP</i> 	Prof. Dr. He Qingcheng Director, CCOP Technical Secretariat Dr. Oystein Berg Managing Director PETRAD, Norway Dr. Tawsaporn Nuchanong Deputy Director-General Department of Mineral Resources (DMR), MONRE Thailand, First Deputy Permanent

		Representative of Thailand to CCOP
	Exchange of Tokens	CCOP TS
	Group Photo	CCOP TS
0930	Coffee/Tea	
1000	Introduction of participants Background of P2W6 <ul style="list-style-type: none"> Update on the EPPM Program Objectives & contents of P2W6 	Mr. Simplicio P. Caluyong <i>EPPM Program Coordinator</i> CCOP TS
1030	CCS Developments – The Big Picture <ul style="list-style-type: none"> An overview of CCS developments- What are the issues? What has been done, who are the players and where are we now? How CCS into geological reservoir is (likely) perceived by the public? case histories & lessons learned 	Ms. Gøril Tjetland CCS and Energy Advisor The Bellona Foundation, Norway
1130	Geological Storage of CO2 <ul style="list-style-type: none"> potential geological storage Risks and implications for Public acceptance 	Dr. Kim-Jeong Chan Director KIGAM , Korea
1200	Lunch	
1330	DNV CO2QUALSTORE – CCS risk management guidelines	Mr. Jens P. Tronskar VP and Chief Technology Officer DNV, Singapore
1500	Coffee/tea	
1520	<ul style="list-style-type: none"> Indonesia (perspectives from a research organization) Thailand (perspectives from a regulatory agency) Q & A	Ms. Letty BrioleTTY Lemigas, Indonesia Dr. Trin Intaraprasong DMF, Thailand
1630	Summary for Day1	EPPM Program Coordinator
1830	Dinner (smart casual)	<i>Venue to be announced</i>
	Day 2 : 8 June 2011	
0845	Order of the day	EPPM Program Coordinator
0900	Public awareness on CCS– Overview of our research findings (CSIRO) <ul style="list-style-type: none"> Ice breaker exercise – Delegates to share their experiences in relation to CCS communication and Engagement How aware is the public on CCS? What is the level of acceptance? What needs to be done from a project level perspective? Drawing upon past experience from five demonstration sites (based on the CSIRO report: <i>Communication, project planning and management for carbon capture and</i> 	Ms. Anne - Maree Dowd Science into Society Group (SISG) Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia

	<p><i>storage projects: An international comparison)</i></p> <ul style="list-style-type: none"> • What tools are needed for successful engagement and communication? (Based on the CSIRO report: <i>Communication/Engagement Toolkit for CCS Projects</i>) 	
1000	Coffee/Tea	
1120	Workshop (Group exercise)	All participants
1200	Lunch	
1330	Continue with workshop	All participants
1600	Coffee/Tea	
1620	Panel Discussions and Conclusions Ways forward	EPPM Program Coordinator & Resource Persons
1700	Closing Remarks	Dr. Oystein Berg Managing Director, PETRAD Norway
	Day 3: 9 June 2011	
0800	Fieldtrip (complete program to be announced)	CCOP TS










EPPM P2W6: Workshop on Developing Strategies for Public Awareness and Acceptance of Carbon Capture and Storage (CCS) into the Geological Reservoirs
7-9 June 2011, Bangkok, Thailand


DISTINGUISHED GUESTS






NAME	POSITION / ADDRESS
<p>DR. TAWSAPORN NUCHANONG</p> 	<p>First Deputy Permanent Representative of Thailand to CCOP Deputy Director-General Department of Mineral Resources (DMR) Ministry of Natural Resources and Environment 75/10, Rama VI Road, Ratchathewee Bangkok 10400, Thailand Tel: +66 (0) 2621 9650 (DL), 2621 9652 Fax: +66 (0) 2621 9651</p>
<p>DR. ØYSTEIN BERG</p> 	<p>Managing Director, International Programme for Petroleum Management and Administration (PETRAD) Prof. Olav Hanssensv. 10 P.O. Box 600, N-4003 STAVANGER, Norway Tel: +47 51 87 61 39, Fax: +47 51 87 64 28 Mob: +47 90 87 82 55</p>
<p>PROF. DR. HE QINGCHENG</p> 	<p>Director CCOP Technical Secretariat CCOP Building 75/10 Rama VI Rd., Phayathai, Ratchathewi, Bangkok 10400, Thailand Tel. +66(0) 2644 5468 Ext. 401, Mobile: +66(08) 1839 8488</p>






RESOURCE PERSONS - by alphabetical order

NAME	POSITION / ADDRESS
<p>MS. ANNE - MAREE DOWD</p> 	<p>Social Scientist CSIRO 1 Technology Court, Pullenvale, 4075, Australia Tel. / Mobile: +61 7 3327 4468</p>







<p>4) DR. LUO ZUOXIAN (own cost)</p> 	<p>Senior Economist Sinopec No.31, Xueyuan Road, Haidian District, Beijing .PC:100083 Tel.: +86 10 82312598 Fax.: +86 10 82312201</p>
<p>5) DR. ZHU XUEQIAN (own cost)</p> 	<p>Senior Geologist Sinopec No.31, Xueyuan Road, Haidian District, Beijing .PC:100083 Tel: +86 10-82282461 Fax: +86 10-82312201</p>
<p>6) MS. YAN JIN (own cost)</p> 	<p>Senior Engineer Exploration & production research institute of Sinopec No.31 Xueyuan Road, Haidian District, Beijing, 100083, China Tel: +86-10-82282406 Fax: +86-10-82282471</p>
INDONESIA	
<p>7) MRS. LETTY BRIOLETTY</p>  <p><i>(speaker)</i></p>	<p>EOR Head Group PPPTMGB “LEMIGAS” Jl. Ciledug Raya Kav. 109 Cipulir , Jakarta Selatan, 12120 Indonesia Telephone / Fax: +62 21 7202109</p>
KOREA	
<p>8) DR. KIM JEONG CHAN</p>  <p><i>(speaker)</i></p>	<p>Director KIGAM (Korea Institute of Geoscience and Mineral) 92 Gwahang-no, Yuseong-gu, Daejeon, 305-350, Korea Tel: +82-42-868-3038 Fax: +82-42-868-3414</p>
MALAYSIA	
<p>9) MR. MOHD AZRAN BIN ABD JALIL</p> 	<p>RESERVOIR ENGINEER PETROLIAM NASIONAL BERHAD (PETRONAS) Level 28, Tower 1, PETRONAS TWIN TOWERS, Kuala Lumpur City Centre, 50088 Kuala Lumpur, Malaysia Tel: +603-2331 2193 Fax: +603-2331 3306</p>







<p>10) MR. MUHAMMAD NAZAM BIN SAMSURI</p> 	<p>Development Geoscientist PETRONAS Level 28, Tower 1, PETRONAS TWIN TOWERS, Kuala Lumpur City Centre, 50088 Kuala Lumpur, Malaysia Tel: +60323313845 Fax: +60323313306</p>
PHILIPPINES	
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<p>12) MR. DAN EMMANUEL M. MONTEALEGRE</p> 	<p>Scientist Research Specialist Petroleum Resources Development Division (PRDD) Department of Energy (DOE) Energy Center, Merritt Road, Fort Bonifacio, Taguig City Philippines Tel: (+63 2) 812 4016 Fax: (+63 2) 840 2206</p>
TIMOR LESTE	
<p>13) MS. ELGA ANITA TORREZAO PEREIRA</p> 	<p>Director Secretary of State for Natural Resources 1st Floor Fomento Mandarin Rua Dom Aleixo Cortereal Fomento Mandarin Dili Tel: +670 7326971</p>
<p>14) MR. AMANDIO GUSMÃO SOARES</p> 	<p>Geologist Secretary of State for Natural Resources 1st Floor Fomento Building, Dili, Timor-Leste Tel: (670) 331 7142 Fax: (670) 331 7141</p>

THAILAND	
<p>15) DR. WITSARUT THUNGSUNTONKHUN</p> 	<p>Senior Petroleum Engineer Department of Mineral Fuels (DMF) Ministry of Energy 555/2, 22nd Fl, Energy Complex Building B, Viphavadi Rangsit Rd., Chatuchak Bangkok 10900, Thailand</p>
<p>16) DR. TRIN INTARAPRASONG</p>  <p><i>(speaker)</i></p>	<p>Geologist Department of Mineral Fuels (DMF) Ministry of Energy 555/2, 22nd Fl, Energy Complex Building B, Viphavadi Rangsit Rd., Chatuchak, Bangkok 10900, Thailand Tel: (66 2) 794 3347 Fax: (66 2) 794 3277</p>
<p>17) MS. KANITTA DANUDOM</p> 	<p>Senior Geologist Petroleum Data and Information Center Department of Mineral Fuels (DMF) National Energy Center (Energy Complex Building) 22th Floor Tower B, 555/2 Viphavadi Rangsit Rd., Chatuchak Bangkok, 10900 Tel : (66 2) 794 3234</p>
<p>18) DR. SIREE NASAKUL</p> 	<p>Senior Petroleum Engineer Department of Mineral Fuels (DMF) Ministry of Energy 555/2, 22nd Fl, Energy Complex Building B, Viphavadi Rangsit Rd., Chatuchak Bangkok 10900, Thailand</p>
<p>19) MR. ANUCHIT LIMSUWAT</p> 	<p>Policy Planer Department of Mineral Fuels (DMF) Ministry of Energy 555/2, 22nd Fl, Energy Complex Building B, Viphavadi Rangsit Rd., Chatuchak Bangkok 10900, Thailand</p>

<p>20) MS. PORNPIMON TUMANOON</p> 	<p>Geologist Department of Mineral Fuels (DMF) Ministry of Energy 555/2, 22nd Fl, Energy Complex Building B, Viphavadi Rangsit Rd., Chatuchak Bangkok 10900, Thailand Tel: (662) 794 3337</p>
<p>21) MS. AREERAT YOUHOON</p> 	<p>Senior Scientist Department of Alternative Energy Development and Efficiency 17 Rama 1 Road, Rongmuang, Patumwan, Bangkok 10330, Thailand Tel. +66 02 223 0021 to 9 ext. 1356 Fax. +66 02 223 8705</p>
<p>22) MRS. PRAPAI NUMTHAVAJ</p> 	<p>Deputy Executive Director Petroleum Institute of Thailand 11 Floor, Energy Complex Building B, 555/2 Vibhavadi Rangsit Road, Chatuchak, Bangkok 10900, Thailand Tel: (66 2) 537 0440 Ext. 603 Fax: (66 2) 537 0449</p>
<p>23) MS. NITIDA NAKAPRECHA</p> 	<p>Environmental Scientist Petroleum Institute of Thailand 11 Floor, Energy Complex Building B, 555/2 Vibhavadi Rangsit Road, Chatuchak, Bangkok 10900, Thailand Tel: (66 2) Fax: (66 2) 537 0449</p>
<p>24) MRS. BONGKOCH KITTISOMPUN</p> 	<p>Director of Approval and Monitoring Office Thailand Greenhouse Gas Management Organization (Public Organization) The Government Complex, Building B, 9th Fl., Chaeng Watana Rd., Laksi, Bangkok 10210, Thailand Tel: (66 2) 141 9850, 081-4821843 Fax: (66 2) 143 8404</p>

<p>25) MR. RONGPHET BUNCHUAIDEE</p> 	<p>Assistant Senior Official Thailand Greenhouse Gas Management Organization (Public Organization) The Government Complex, Building B, 9th Fl., Chaeng Watana Rd., Laksi, Bangkok 10210, Thailand Tel: (66 2) 141 9839 Fax: (66 2) 143 8405</p>
<p>26) DR. PHISAN SANTITAMNONT</p> 	<p>Assistant Professor Survey Engineering Department Faculty of Engineering, Chulalongkorn University Patumwan, Bangkok 10330, Thailand Tel: +66 (0) 2218-6661 Mobile: +66 (0) 1844-0736 Fax: + 66 (0) 2218-6653</p>
<p>27) DR. SUNTORN PUMJAN</p> 	<p>Assistant Professor Chulalongkorn University Patumwan, Bangkok 10330, Thailand</p>
<p>28) DR. ATHIKOM BANGVIWAT</p> 	<p>Assistant Director The Joint Graduate School of Energy and Environment King Mongkut's University of Technology Thonburi, Thailand Tel: 662 470 8301 Fax: 662 470 8955</p>
VIETNAM	
<p>29) MR. DINH MANH QUAN</p> 	<p>Expert Viet Nam Oil & Gas Group 18 Lang Ha Street, Badinh District Hanoi City, Vietnam Tel: 84 9822 37698 Fax: 84(4) 382 65942</p>
<p>30) MR. PHAM XUAN TUYEN</p>	<p>Deputy GM, Petroleum Engineering Division PETROVIETNAM E&P Corporation No. 18 Lang Ha Street, Dong Da District Hanoi City, Vietnam</p>

	<p>Tel: 84 (4) 377 26001/4985 Fax: 84(4) 377 26027</p>
<p>31) MR. VU TU HOAI</p>  <p>(own cost)</p>	<p>Process Engineer PETROVIETNAM Gas Corporation Construction Division, PV Gas, 6th floor, SCETPA Bld., 19A Cong Hoa Street, Tan Binh District, Hochimin City, Vietnam</p>
<p>32) MR. NGUYEN CANH THUAN</p>  <p>(own cost)</p>	<p>Process Engineer PETROVIETNAM Gas Corporation Research & Development Division, PV Gas, 6th floor, SCETPA Bld., 19A Cong Hoa Street, Tan Binh District, Hochimin City, Vietnam Tel: +84 9 3377 5653, Fax: +84 8 6296 6911</p>
OBSERVER:	
<p>33) MR. CHATRI MOONSTAN</p> 	<p>Senior Program Officer The Royal Norwegian Embassy UBC II Building, 18th Floor 591 Sukhumvit Road, Soi 33 Bangkok 10110, Thailand Tel: (66-2) 204 6533, Fax: (66-2) 262 0218</p>
JOURNALISTS:	
<p>34) MR. PONGPHON SARNSAMAK</p> 	<p>Reporter, The Nation Nation Multimedia Group Limited (Public Company) 1854 Bangna-Trad Road, Bangna, Bangkok 10260, Thailand Tel. +66 2 338 3333 Fax. +66 2 338 3334</p>
<p>35) MS. ANCHALEE KONGRUT</p> 	<p>Reporter/Writer, Bangkok Post Editorial Department, 136 Bangkok Post Building, Na Ranong Road, Klong Toey district, Bangkok 10110 Tel: 081 875 0006</p>

<p>36) MR. TANG XIANGYANG</p> 	<p>Reporter, Bangkok Post Bangkok Post Building, 136 Na Ranong Road Klong Toey, Bangkok, 10110, Thailand Tel: 0886283192</p>
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<p>MRS. MARIVIC P. UZARRAGA</p> 	<p>Geo-Information Sector Coordinator</p>
<p>MS. PETCHARAT SARAWISUTRA</p> 	<p>Programme Manager CCOP T/S Mob: (66-81) 823 3729</p>
<p>MS. SIORAT KUJIRANUWAT</p> 	<p>Assistant to Technical Programme Division</p>

RESOURCE PERSONS' SHORT CV - by alphabetical order



Name: Ms. Anne-Maree Dowd

Designation: Social Scientist

Company: CSIRO

Full Address: 1 Technology Court, Pullenvale, 4075, Australia

Email: Anne-Maree.Dowd@csiro.au

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Short Bio data :

Anne-Maree Dowd is a Team Leader and Lead Research Scientist in the Science into Society Group at CSIRO Earth Science and Resource Engineering Division. She is an applied research expert in the areas of climate change, mitigation, adaptation, behaviour change, public perceptions/awareness on energy technologies and community engagement. Ms Dowd has an academic background in organisational behaviour, business communication, social network analysis and small group dynamics.

Abstract:

Anne-Maree Dowd will be conducting an interactive session on public awareness and acceptance of CCS. The session will address the following areas from a global perspective:

- How aware is the public on CCS?
- What is the level of acceptance?
- What needs to be done from a project level perspective? Drawing upon past experience from five demonstration sites (based on the CSIRO report: *Communication, project planning and management for carbon capture and storage projects: An international comparison*)
- What tools are needed for successful engagement and communication? (Based on the CSIRO report: *Communication/Engagement Toolkit for CCS Projects*)
- Delegates to participate in an interactive activity to apply what they have learnt



Name: Ms. Gøril Tjetland

Designation: CCS and Energy Advisor

Company: Bellona

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Tel. / Mobile: +47 481 22 159

Short Bio data :

Gøril Tjetland holds a MSc in Applied Earth Sciences the Norwegian University of Science and Technology, and worked with oil and mineral exploration before joining Bellona. At Bellona her work is focused towards CO₂ capture and storage where she has participated in research programs under the EU and various advisory groups.

Abstract:

The implementation of carbon dioxide capture and storage (CCS) projects is challenging not only from a technical perspective, but also due to the way that CCS technology touches on controversial subjects. These include human health and safety, climate change, power plant construction, use of fossil fuel resources, risk perception, and several social issues that do not necessarily relate directly to CCS technology.

Concerns are often raised over the prevalence of storage and increased seismicity, but local factors like fear of lower property values might also play a role. Common for all the mentioned CCS projects is that CCS is not understood. CCS is typically looked upon as an end-of-pipe solution not addressing the root cause or a bad excuse for investments in coal. Very often the positive vision and reason for storing CO₂ in the first place is not acknowledged. A lasting dialogue with the local communities, local media, teachers, politicians and industry, together with economic and other benefits for the local communities have proven successful in order to envision carbon capture and storage as an opportunity.

Although CO₂ is in soft drinks and in the breath that human exhale, it can be harmful in high concentrations. So, as for any industrial project, responsible operations and safety must be the top priority. Nevertheless, understanding all the technologies - capture, transport and storage - is important from a public education standpoint and it is not advisable to isolate storage when communicating with the public.

Although the type of risks involved will vary at each stage of a CCS project, the main challenge from a community engagement perspective lies in the storage component. When it comes to storage safety a bad driver can turn the safest car into a wreck in seconds. The industry carries the responsibilities that follow with proper site selection, sensible injection rates and monitoring aimed at preventing and detecting leakages. A CCS project is a local project, but is carried out within the context of national and even international debate. This means that the group of stakeholders or potentially interested parties is considerably broad. The social process of creating support for a CCS project must occur in parallel with that of storage site selection and moreover, knowledge of social factors within local communities is required to execute projects successfully. A proactive approach to education and an outreach programme designed to identify real and perceived risks, whilst engaging stakeholders, can build public trust through transparency and information delivery.



Name: Dr. Jens Petter Tronskar
Designation: VP, Chief Technology Officer
Company: DNV Clean Technology Centre
Email: jens.p.tronskar@dnv.com
Tel. / Mobile: +6591777605



Short Bio data :

Dr. Jens P. Tronskar M.Sc., PhD, CEng, SenMWeldi, IWE, received his M.Sc. degree in Materials' Physics and Physical Metallurgy from the Technical University of Norway (NTH) in 1980, and was awarded his Doctor of Philosophy (Ph.D.) degree in Probabilistic Fracture Mechanics applied to Floating Production Storage and Offloading vessels and Ships by the National University (NUS) of Singapore in 2002. He completed an extensive post doctorate program at University of California at Berkeley, Center for Executive Education, September 2008 – April 2009. This program focused on renewable energy, new energy sources, asset management and carbon capture and storage.

Dr. Tronskar is currently Vice President & Chief Technology Officer of DNV's Clean Technology Centre in Singapore. Prior to this he was Vice President and Director of Business Development and Technology for DNV Energy in Asia and Middle East, based in Singapore.

Dr Tronskar has facilitated independent project reviews of CCS projects (including IGCC, capture technology, CO₂ pipeline transportation and geological storage) and conducted workshops on Carbon Capture and Storage in Middle East, South East Asia and Taiwan. Currently he is DNV's project manager for an ongoing CCS project in Thailand.

Dr Tronskar has 30 years of experience of materials technology research, asset integrity management consulting, technology qualification of new systems and components for oil and gas exploration as well as for aerospace applications, failure investigations and deterministic/probabilistic fracture mechanics analyses risk and reliability analysis of structural and piping/process components and pipelines for the offshore and onshore oil & gas, refineries and petrochemical industry.

He has worked 17 years in Asia based in Singapore from 1994 until 2004, in China from 2004 till end of 2006. The last four years he has been based in Singapore.

Presentation title: Carbon Capture and Storage – risks and opportunities

Short abstract

- Introduction
 - Some major challenges in the realization of CO₂ geological storage
 - Why risk-based approach?
- The CO₂ storage guideline
 - The objectives of the CO₂QUALSTORE Joint Industry Project
 - Basic principles of the guideline
 - The qualification principles
 - The three-stage approach to risk acceptance
- CO₂ capture, pipeline transportation and integrity of CO₂ wells
- Project examples

Company Profile

DNV is a global provider of services for managing risk, helping customers to safely and responsibly improve their business performance. DNV is an independent foundation with the purpose of safeguarding life, property and the environment. Through its network of 300 offices in 100 countries, DNV serves a range of industries, with a special focus on the maritime and energy sectors, combining its technology expertise and industry knowledge.

PETRAD'S REPRESENTATIVE



Dr. Øystein Berg

Managing Director, PETRAD

Address:

PETRAD

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Dr. Øystein Berg

Dr. Berg holds a BSc in Civil Engineering from Queens University of Belfast, Northern Ireland, as well as a Postgraduate Diploma in Industrial Administration and PhD in Business Administration from The Management Centre, Bradford, England.

Dr. Berg worked as a Management Consultant for the IKO Consultancy Group from 1976 to 1978. He was then appointed by the Norwegian Petroleum Directorate as Project Manager for 1/3 of the largest Safety Research Programme ever undertaken in Norway, 'Safety on the Norwegian Continental Shelf'. Dr. Berg was managed a total of 51 R&D projects from 1978 until 1981.

Between 1981 and 1989, Dr. Berg held various positions in the Norwegian Petroleum Directorate such as Director for the Department of Marine Technology, Director of the Strategy Department in the Safety Division and also deputized as Director of Safety.

In 1989 Dr. Berg was called upon by the Norwegian Government to develop the Petrad Programme (International Programme for Petroleum Management and Administration). Currently Dr. Berg serves as Managing Director for Petrad.

Dr. Berg has participated in a large number of national and international advisory committees in the petroleum sector and within R&D. He has since 1984 been Advisor to Government Agencies and National Oil Companies in East and South East Asia through the CCOP and ASCOPE Organizations. Prior to establishing Petrad, Dr. Berg also lectured on topics related to industrial maintenance, risk and reliability and safety in the offshore petroleum industry in USA, Asia and Europe.

Dr. Berg received in 2004 the "Friendship Award" from the Chinese Government for long standing cooperation on knowledge transfer in the petroleum sector. This is the highest award given to foreigners by the Chinese Government.

Dr. Berg was in May 2006 appointed to the Academic Advisory Board of University Teknologi Petronas, Malaysia, under the Chairmanship of former Prime Minister of Malaysia, Dr. Mahathir Mohamed. From 2007 Dr. Berg has been a member of the 3 man nominations committee for the Malaysian 'Merdeka Award' – Health, Science and Technology category.

NOTE FOR INFORMATION

Accommodation	<p>Imperial Queen’s Park Hotel</p> <p>Address: 199 Sukhumvit Soi 22, Bangkok 10110, Thailand Tel: (66) (0) 2261 9000 Fax: (66) (0) 2261 9496 Website: www.imperialhotels.com</p>
CCOP Group Hotel Room Rates	<p><i>Special Rates (Baht/Room/night) inclusive of Buffet Breakfast and Free Broadband Internet Access in the Room.</i></p> <p>Deluxe Single Room: THB 2,000.- nett</p> <p>Deluxe Twin Room: THB 2,300.- nett</p> <p><i>The above rates are inclusive of service charge and government tax. Upon checking in at the hotel, delegates may be requested to provide your credit card imprint or cash payment for one-night accommodation for guarantee. Please be prepared for such request.</i></p> <p>CCOP, as the organizer, will reserve the hotel rooms on behalf of all delegates. Single rooms will be automatically reserved for each nominated delegate both sponsored and own-cost unless requested otherwise. Cancellation of room or no show will incur one night room charge which will fully be borne by the delegate. Any inquiry in regard to room reservation should be directed to the organizer.</p>
Meeting Venue	Bangkok Panorama Room, 3rd Floor
Meeting Package	2 coffee breaks and 1 Buffet Lunch during the workshop will be sponsored by the EPPM Program to both sponsored and own-cost delegates.
Evening Functions	Welcome Dinner on Tuesday, 7 June (hosted by CCOP-EPPM) Details to be announced.
Airport Transfer	<p>Round-trip transfer service will be arranged to both sponsored and own-cost foreign delegates according to their flight schedules. A representative will be waiting at the Arrival Hall (Exit # 3) at Suvarnabhumi International Airport with CCOP signage.</p> <p>Note: Passengers no longer have to pay airport departure tax in Thailand.</p>

Visa Requirements	<p>Delegates will receive “Acceptance Letter” issued by the CCOP as organizer via fax and/or E-mail for the travel approval from their organizations and /or to apply & obtain entry visa to Thailand in advance, if it is required.</p> <p>Note: The delegates must possess a passport valid for at least six months upon arrival.</p>
Sponsorship	<p>Daily Subsistence Allowance (DSA): will be distributed to sponsored participants at registration on Tuesday, 7 June from 8:30-9:00 am. This DSA covers accommodation (based on single occupancy rate), meals and any incidental expenses. Sponsored participants are to settle the payment of their room and personal expenses with the hotel directly. In case of compulsory overnight transit, the cost of extra nights will also be calculated into the DSA and assistance can be provided for hotel reservation.</p> <p>Air-tickets: Sponsored participants are kindly requested to purchase the air-ticket for reimbursement upon the provision of original receipt indicating CCOP-approved airfare.</p>
1-Day Field Trip	<p>1-field trip will be organized and sponsored by CCOP-EPPM. The details programme will be announced later.</p>
Travel Insurance	<p>Delegates are strongly recommended to obtain the travel insurance plan that suits their needs.</p>
Activity Record	<p>A USB drive will be provided to all participants to record the presentations, final name list with contact details of delegates and pictures.</p>
Currency	<p>USD 1 ~ THB 30.- (as of March 2011)</p>
Climate	<p>Rainy Season, temperature is 27-33°C</p>
Time Zone	<p>GMT+8</p>
For more information, please contact	<p>Mr. Simplicio P. Caluyong EPPM Program Coordinator CCOP Technical Secretariat CCOP Building 75/10 Rama VI Rd., Phayathai, Ratchathewi, Bangkok 10400, Thailand Tel: +66 (0) 2644 5468 ext. 503, Fax: +66 (0) 2644 5431, Mobile +66 (0) 81 827 0527 E-mail: sim@ccop.or.th, Website: www.ccop.or.th, Skype: Sim Caluyong</p>

Short Note:



Petrad is a non-profit Norwegian Government Foundation established in 1989 to facilitate sharing of knowledge and experience on Petroleum Management, Administration and Technology between managers and experts within Governments and National Oil Companies.

Petrad arranges tailored courses and seminars covering a wide range of topics on the management of petroleum resources. The activities are conducted in Norway and abroad lasting from 1 day to 18 weeks. The courses and seminars have a practical focus.

Petrad also conducts Training Needs Assessments and assistance with Institutional Development.

Petrad assists nations with capacity building programs in the petroleum sector lasting several years.

Petrad draw on resource persons and lecturers from the total Norwegian and International petroleum industry. They hold considerable experience from senior managerial and technical positions with Government, Operating-, Engineering and Service Companies, Consultancies, R&D Institutions and Universities.

Petrad has arranged a total of more than 500 courses and seminars with more than 15.000 participants from 103 countries.

8-WEEK COURSES: (Stavanger, Norway – annually)
-Petroleum Policy and Resource Management
-Petroleum Development and Operations

TRAINING MODULES: (World wide – On request)

- Policy and Management of Petroleum Sector development
- Good Governance
- Resource management
- Revenue management
- Environment management
- Legislation
- Licensing
- Contracts for the Petroleum Sector
- Local Content
- Anti-corruption
- Petroleum Sector Understanding for the Civil Society
- Fiscal Metering
- Data Management
- Downstream Petroleum Management
- HSE - Health, Safety and Environment Management

TAILOR MADE SEMINARS: (World Wide – On request)

- All topics within petroleum management, administration and technology

TNA – TRAINING NEEDS ASSESSMENT:
(World Wide – On request)

INSTITUTIONAL DEVELOPMENT:
(World Wide – On request)

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