

Who Should Attend

Directors, managers, decision makers, heads and engineers and professionals involved in:

- Portfolio / Project
- Assets
- Geoscience
- Subsurface and Surface Engineering
- Operations
- Corporate / Strategic Planning
- Business Units



SPE/EAGE WORKSHOP:

Integrated Project Management – Building Resilient Projects in a Volatile Environment

13 - 14 NOVEMBER 2017
BANGKOK, THAILAND

For decades, capital projects have been fundamental to fuelling business growth in the E&P industry. Yet more than half of the large E&P capital projects today are facing cost overruns and schedule delays. The downturn of the oil price in 2014 has resulted in many development projects and initiatives being suspended. However, as the oil price begins to stabilise and investment in projects of various sizes and complexities resume, our industry must consider new approaches to build resilient projects that can withstand any oil price environment.

This workshop brings together professionals across the project value chain to review past practices and norms, whilst considering innovative solutions to deliver robust and efficient projects. Topics to be discussed include:

- Project economics
- Flexible fiscal regimes and contract structures
- Lessons learnt from project overruns
- Enabling subsurface and surface integration
- Integrated project management tools, technologies and processes
- Managing integrated teams in the era of the big crew change and the rise of millennials
- Considering future challenges – the impact of decommissioning policies on projects in Asia Pacific

Session Highlights

Conceptualisation of Integrated Project Management (IPM)

Structuring organisation and infrastructure

Challenges and new realities

New tools, technologies and processes

Measuring success

Interfacing with regulators regarding integrated projects

Decommissioning and well abandonment

Technical Programme Committee

CHAIRPERSONS

Thana Sianvetpan
Senior Engineer
PTTEP

Emmanuelle Tutenuit
President and General Manager
Total E&P Thailand

COMMITTEE MEMBERS

Jittbodee Khunthongkeaw
Account Manager
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Operations Manager
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Project Director D35 /
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Custodian Cost Estimation
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Maneehapang Bunnag
Senior Engineer, Project
PTTEP

Nathawut
Sattayakhunnasakul
Geology Manager
PTTEP Myanmar

Achawah Thongkhao
Engineering Manager
PTTEP Myanmar

Sollehuddin B Mohd Affendy
Cost Controller
ROC Oil Company Ltd

Scott Mielke
Integrated Services Project
Manager
Schlumberger

Khairun Nissa Shagul Hamid
Project Engineer
Shell

Wichien Nimmolrat
Account Manager PTTEP
Weatherford KSP Co., Ltd.

Dave Moon
Myanmar Well Delivery
Manager
Woodside Energy

WORKSHOP ADVISOR

Steve McBride
Global Account Director
Weatherford

GROUP REGISTRATIONS AVAILABLE!

Contact us at spek1@spe.org to arrange your group.

www.spe.org/go/18WA03

Workshop Objectives

This workshop provides a platform for knowledge sharing in relevant areas of integrated project management by offering the opportunity to review current initiatives, failures, successes, and best practices through formal and informal discussions amongst participants.



10+
hours of
peer-to-peer
networking
opportunities

20+
hours of
knowledge
sharing and
technical
discussion

30
expert-led
technical
discussion
topics

The Society of Petroleum Engineers (SPE) is a not-for-profit organisation. Income from this event will be invested back into SPE to support many other Society programmes. When you attend an SPE event, you help provide even more opportunities for industry professionals to enhance their technical and professional competence. Scholarships, certification, the Distinguished Lecturer programmes, and SPE's energy education programmes Energy4me are just a few examples of programmes that are supported by SPE.

Preliminary Workshop Schedule

MONDAY, 13 NOVEMBER 2017

0900 - 0930 **Session 1: Welcome and Introductions**

Co-Chairpersons: Thana Slanvetpan, **PTTEP**;
Emmanuelle Tutenuit, **Total E&P Thailand**

0930 - 1000 **Keynote Address**

Phongsthorn Thavisin, Chief Operating Officer, Production Asset and Operations Support Group, **PTTEP**

1000 - 1030 **Group Photo/Coffee Break**

1030 - 1230 **Session 2: Conceptualisation of IPM**

Session Managers: Rao Chimalakonda Someswara, **Mubadala Petroleum**;
Nurasiah Bt Hj Putit, **PETRONAS Carigali Sdn. Bhd.**

In the present low oil and gas scenario, offering scalability to deliver a project successfully with acceptable economic results is a great challenge. The drivers are:

- Project and organisation objectives
- Alignment of stakeholders (both internal and external)
- Regulations compliance
- ✓ Is it resilient?
 - How resilient is the project to changing market condition (amending the process to changing conditions and integrating them)
- ✓ Identifying partners
 - Identify internal and external stakeholders and managing interfaces
- ✓ Interfacing with regulators and local authorities
 - It is important to know and identify local regulation requirements and one of the primary objective of the deliverability is to integrate these requirements into the Project Execution plan.

1230 - 1330 **Networking Lunch**

1330 - 1500 **Session 3: Structuring the Organisation and Infrastructure**

Session Managers: Scott Mielke, **Schlumberger**;
Sollehuudin B Mohd Affendy, **ROC Oil Company Ltd**

As the human factor is integral to any project's success, this session explores how to establish and optimise human resource management for a project to ensure its success. The project team should be fully integrated through subsurface, surface and business partners to ensure the project team is a focused and vibrant organisation that delivers both operating and capital efficiencies as well as healthy cost management. Topics for project team preparedness include:

- Project specific workforce requirements and streamlining work processes across multiple locations
- Capability development
- Strategic communication plan
- Logistical structure
- Data management

1500 - 1545 **Coffee Break**

1545 - 1745 **Session 4: Challenges and New Realities**

Session Managers: Mohamed B Adzlan Che Ojang, **Dialog Energy Sdn Bhd**;
Jittbodee Khunthongkeaw, **Baker Hughes Operations Thailand**

Survival mentality in the downturn of oil prices resulted in deferrals or cancellations of long cycled, gold plated, complex projects, as well as massive layoffs of the industry's more experienced workforce. Dynamic international geopolitical landscapes continue to influence our ever sensitive global O&G industry, affecting project sustainability and costs.

Local host authorities implemented tighter project controls, increased local content project participation and stricter production contract and environmental terms. The oil supply glut is here to stay as unconventional producers continue to implement cost reduction and process optimization strategies that sustains its commercial viability even within crude price range of USD40 – USD50 per barrel.

This session will address the following topics:

- Headcount to Recovery: Managing the new Millennials in Oil & Gas
- Shifting geopolitics: Riding its wave and coming out on top
- Facing it head on: Short Cycled, Short Termed, Modular, Low Risk & Lean Projects Approaches
- Stricter project controls: Achieving win-win strategy in the local host authority chess plays

1745 - 1830 **Session 5: Poster Session**

Session Managers: Nathawut Sattayakhunnasakul, **PTTEP Myanmar**;
Achawah Thongkhao, **PTTEP Myanmar**

This session will focus on marginal resource development and how to strive through the harsh commercial environment by sharing out of box thinking and concepts from subsurface, operations, services, facilities and materials. The session will share experiences from parties who are involved in marginal field development however strive through harsh commercial environment.

1900 onwards **Welcome Dinner**

TUESDAY, 14 NOVEMBER 2017

0900 - 1100

Session 6: New Tools, Technologies and Processes to Build/Deliver Resilient Integrated Projects

Session Managers:

Ir. Mashitah bt. Haji M Jais, **PETRONAS**;
Wichien Nimmolrat, **Weatherford KSP Co., Ltd.**

This session will focus on new tools, technologies and processes that will deliver resilient integrated project management. The session will cover daunting challenges faced by projects as they become increasingly complex with new technologies, hence new processes and new tools are required to ensure success. The various locations of projects demands smooth and flawless integration. The low oil price environment further escalates the requirement to remain within schedules and budget, while meeting stakeholder's expectations. This session will expand on the approaches taken, sharing of best practice based on experience of various parties in handling the harsh low oil price situation.

1100 - 1115

Coffee Break

1115 - 1315

Session 7: Measuring Success

Session Managers:

Khairun Nissa Shagul Hamid, **Shell**;
Dave Moon, **Woodside Energy**

An integrated project will include multiple partners with different responsibilities who may potentially measure their individual success differently from the overall goals of the project. Integrating interfaces and aligning performance expectations across project phases is crucial to ensure the success of the project. Hence, it is important to set project deliverables, required assurance and benchmarking reviews at the beginning of the project.

This session will address measuring success with the following topics:

- Complex projects: Integration from start to close-out
- Project benchmarking, how it can be used?
- Project case studies:
 - o Malikai Tension Leg Platform by Shell
 - o Badamyar Project by Total E&P Myanmar

1315 - 1415

Luncheon

1415 - 1615

Session 8: Interfacing with Regulators regarding Integrated Projects

Session Managers:

Adimas Hj Mohammad Salleh, **Brunei National Petroleum Co**; Maneenapang Bunnag, **PTTEP**

The inclusion of regulators in the successful execution of integrated project is no longer something to be added later by operators as an afterthought, as the process and, especially, the timing taken for the permission and resources needed to fulfil regulatory requirements can impact the delivery of projects quite significantly. This session will showcase projects where effective interfacing with regulators have given the project the aspired results as well as how the regulators themselves find ways to ensure regulations safeguard national interests while still playing a crucial (and helpful) role in the integrated project timeline.

Decommissioning in particular is currently one of the key government-related issues in Southeast Asia where specific rules and procedures have not been properly defined. This session will share and discuss the development, benchmarking, and challenges of decommissioning process from aspects including technical, safety and environmental, legal, and financial to achieve desired policy objectives. We will also discuss and hopefully come to an alignment where regulatory aspirations (such as nationalisation and NOC involvement) are included in integrated project planning and provide win-win situations for both the regulators and operators.

1615 - 1630

Coffee Break

1630 - 1700

Session 9: Summary

Co-Chairpersons: Thana Slanvetpan, **PTTEP**;
Emmanuelle Tutenuit, **Total E&P Thailand**

POSTER SOLICITATION & INFORMATION

All participants are encouraged to prepare a poster for the Workshop. Presentations on both research and field experience are welcomed. Posters, including unconfirmed/partial results, are to be presented at an assigned time and are open for discussion. Posters will be on display for the entire Workshop period.

When preparing your poster:

- Avoid commercialism. No mention of trademarks/product name
- Poster size should be approximately 0.8m x 1.2m (W x H) or size A0 in portrait layout
- Identify topic by title, affiliation, address, and phone number
- Include a brief abstract that summarises the technology to be addressed
- Make the display as self-explanatory as possible
- Place the information in sequence: beginning with the main idea or problem, method used, results, etc. (Draw a plan keeping the size and number of illustrations in mind)
- Keep illustrations simple by using charts, graphs, drawings, and pictures to create interest and visually explain a point
- Use contrasting colours
- Use large print for narrative materials.
(We suggest a minimum of 24 points or 3" high letters for the title)

*Note that the Workshop Programme Committee will review all poster abstracts/materials prior to display, and reserves the right to refuse permission to display any poster considered to be commercial in nature. If you are interested to participate, please email your proposed topic with a short abstract (between 200-300 words) to Stephanie Gillett at sgillett@spe.org by **17 October 2017**.

SPONSORSHIP SUPPORT INFORMATION

Sponsorship support of the event helps offset the cost of producing workshops and allows SPE to keep the attendance price within reach of operation-level individuals, those who benefit most from these technical workshops.

Supporters benefit both directly and indirectly by having their names associated with a specific workshop. While SPE prohibits any type of commercialism within the workshop room itself, the Society recognises that supporting companies offer valuable information to attendees outside the technical sessions.

SPONSORSHIP CATEGORIES

Sponsorship categories are offered on a first-come basis. Please contact SPE to enquire and verify the availability of categories. Existing supporters have the opportunity to renew the same level of support for annual workshops.

SPONSORSHIP BENEFITS

In addition to onsite recognition, SPE will recognise sponsors on the SPE website and in all printed materials for the workshop. Based on the category selected, supporting companies also receive logo visibility on promotional workshop items.

FOR MORE INFORMATION

For a detailed list of available sponsorship opportunities, including benefits and pricing, contact **Stephanie Gillett** at sgillett@spe.org.

GENERAL INFORMATION

DOCUMENTATION

- Proceedings will not be published; therefore, formal papers and handouts are not expected from speakers.
- Work-in-progress, new ideas, and interesting projects are sought. Note-taking by attendees is encouraged. However, to ensure free and open discussions, no formal records will be kept.

WORKSHOP DELIVERABLES

- The committee will prepare a full report containing highlights of the Workshop and the report will be circulated to all attendees.
- Powerpoint presentations will be posted online and provided to attendees after the Workshop. Provision of the materials by Discussion Leaders will signify their permission for SPE to do so.

COMMERCIALISM

In keeping with the Workshop objectives and the SPE mission, excessive commercialism in posters or presentations is not permitted. Company logos must be limited to the title slide and used only to indicate the affiliation of the presenter.

ATTENDANCE CERTIFICATE

All attendees will receive a Workshop attendance certificate. This certificate will be provided in exchange for a complete Attendee Survey Form.

CONTINUING EDUCATION UNITS

This Workshop qualifies for SPE Continuing Education Units (CEU) at the rate of 0.1 CEU per hour of the Workshop.

TRAVEL / VISA

Visitors travelling to Thailand must be in possession of passports valid for at least six (6) months on arrival, with proof of onward passage out of the country. Information on Thailand visa requirements are also available from the Ministry of Foreign Affairs, Kingdom of Thailand website.

An invitation letter to facilitate visa application will be issued to attendees upon request. Please check with your travel agent or the Thai Embassy or Consulate on regulations relating to immigration/visa for entry to Thailand before your departure.

DRESS CODE

- Business casual clothing is recommended.
- The Workshop atmosphere is informal.

REGISTRATION FEE

- Registration fee ONLY includes all workshop sessions, coffee breaks and luncheons for the registrant.
- Accommodation is NOT included. SPE will provide details of recommended hotels upon receipt of your registration.

REGISTRATION POLICY

- Registration fee MUST be paid in advance for attending the Workshop.
- Full fixed fee is charged regardless of the length of time the registrant attends the Workshop, and cannot be prorated or reduced for anyone.

