

SPE WORKSHOP

21-22 JULY 2026 | KUALA LUMPUR, MALAYSIA



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Technology and Innovative Thinking for Unlocking Stranded Gas Resources



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TECHNOLOGY AND INNOVATIVE THINKING FOR UNLOCKING STRANDED GAS RESOURCES

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About the Workshop

Technology and Innovative Thinking for Unlocking Stranded Gas Resources

Stranded gas assets in Asia Pacific face challenges including limited infrastructure, variable gas quality, high costs, and ageing facilities, yet they remain critical to the region's energy supply. Unlocking these resources requires tailored solutions such as floating and small-scale LNG, virtual pipelines, and clustering of marginal fields, supported by strong collaboration between operators and regulators.

This workshop will explore practical strategies to unlock stranded gas, focusing on advanced technologies, policy and fiscal frameworks, and innovative approaches. Participants will gain insights into how smarter design, innovative technologies, and sustainability-driven solutions can transform high-contaminant gas into reliable energy contributors.



DISCOVER practical approaches for unlocking stranded gas assets while improving efficiency and sustainability.



EXPLORE how smarter design and leaner, cleaner facilities can maximise gas value and strengthen regional energy supply.



GAIN INSIGHTS from real-world case studies and lessons learnt to enhance field development and operations.



NETWORK and EXCHANGE diverse perspectives with peers and experts in gas development from the region and around the world.

Who Should Attend?

-  **ACADEMIA AND RESEARCH**
-  **AI AND MACHINE LEARNING**
-  **ARTIFICIAL LIFT OPTIMISATION SYSTEMS**
-  **CONSULTING**
-  **DOWNHOLE DATA LOGGING AND ANALYSIS**
-  **DRILLING AND COMPLETIONS ENGINEERING**
-  **ENHANCED GAS RECOVERY (EGR) TECHNIQUES**
-  **FACILITIES AND PRODUCTION ENGINEERING**
-  **FIELD DEVELOPMENT AND PLANNING**
-  **GAS MARKET AND REGULATORY AFFAIRS**
-  **GEOSCIENCE**
-  **PIPELINE AND PROCESS ENGINEERING**
-  **PRODUCTION TECHNOLOGY**
-  **PRODUCTION ASSURANCE**
-  **SAND CONTROL**
-  **SUBSEA ENGINEERING AND WELL INTERVENTION**
-  **WELLBORE INTEGRITY**
-  **ZONAL ISOLATION**

OUR COMMITTEE MEMBERS

Get to know the Committee Members that shapes the programme.

NOT AN SPE MEMBER?

Join SPE today and receive a discounted registration rate for this workshop and other SPE events.

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Programme Schedule

TUESDAY, 21 JULY 2026

0800 – 0850 hours Registration and Welcome Refreshments

0850 – 0900 hours Safety Announcement

0900 – 1000 hours **Welcome Remarks and Keynote Address**

1000 – 1030 hours Group Photo/Coffee and Tea Break

1030 – 1200 hours **Panel Session: Market Viability and Regional Outlook for Stranded Gas Resources**

1200 – 1300 hours Networking Luncheon

1300 – 1500 hours **Session 1: Digitalisation Strategies for Unlocking Marginal and Stranded Gas Resources**

1500 – 1530 hours Coffee and Tea Break

1530 – 1730 hours **Session 2: Balancing Production Performance and Economics in Gas Project Development Concepts**

1730 – 1830 hours **Knowledge Sharing ePoster Session**

1830 hours onwards Welcome Dinner

WEDNESDAY, 22 JULY 2026

0800 – 0900 hours Registration and Welcome Refreshments

0900 – 1100 hours **Session 3: Advanced Technology to Manage Marginal and Stranded Gas Assets**

1100 – 1130 hours Coffee and Tea Break

1130 – 1330 hours **Session 4: Policy and Fiscal Frameworks: Lessons from Regional and Global Experience**

1330 – 1430 hours Networking Luncheon

1430 – 1630 hours **Session 5: Strategies for Managing Gas with High Contaminants and Impurities**

1630 – 1700 hours Coffee and Tea Break

1700 – 1730 hours **Workshop Summary and Closing Remarks**

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Tuesday, 21 July 2026

0900 - 1000

Welcome Remarks and Keynote Address



WELCOME REMARKS

Norhazrin Azmi
Workshop Co-chair
Project Manager

PETRONAS



WELCOME REMARKS

Meita Silaban
Workshop Co-chair
Manager Production-Performance
Regional 1-PHR

Pertamina Hulu Rokan



WELCOME REMARKS

Yunita Dyah
Workshop Co-chair
Sr. Analyst in Ops/Development
Department

SKK Migas

1000 - 1030 | **GROUP PHOTO / COFFEE AND TEA BREAK**

1030 - 1200

PANEL SESSION: MARKET VIABILITY AND REGIONAL OUTLOOK FOR STRANDED GAS RESOURCES

Moderator: Meita Silaban, Manager Production-Performance Regional 1-PHR, **Pertamina Hulu Rokan**

The session will explore why large gas volumes remain undeveloped, focusing on the impact of high CAPEX, rising OPEX and volatile prices. It will examine project viability for high-CO₂ resources, infrastructure readiness, carbon solutions, and monetisation pathways.

1200 - 1300 | **NETWORKING LUNCHEON**

1300 - 1500

SESSION 1: DIGITALISATION STRATEGIES FOR UNLOCKING MARGINAL AND STRANDED GAS RESOURCES

Session Managers: Kittithuch Hnuruang, Senior Engineer, Well Operations, **PTTEP**; Joel Le Calvez, Geophysics Advisor –Fiber Optic Programme Manager, **SLB**; Mohd Shafuan Azizan, General Manager, **Thru Tubing Systems (Malaysia)**

This session will explore how digitalisation can address subsurface uncertainty and infrastructure constraints in marginal and stranded gas developments, highlighting AI/ML insights, digital screening, and real-time optimisation to improve decisions and reduce costs.

1500 - 1530 | **COFFEE AND TEA BREAK**

1530 - 1730

SESSION 2: BALANCING PRODUCTION PERFORMANCE AND ECONOMICS IN GAS PROJECT DEVELOPMENT CONCEPTS

Session Managers: Celine Chew, General Manager (Subsurface), **ExxonMobil**; Lufti Abbas Bidin, Staff Reservoir Engineer, **PETRONAS Carigali Sdn. Bhd.**; Mohd Fairuz, Principal Reservoir Engineer, **PETRONAS Carigali Sdn. Bhd.**

This session will discuss the key factors balancing production and project economics in gas development. It will cover integrated multi-field concepts, shared infrastructure, modular facility design, uncertainty management approaches, and contracting innovations.

1730 - 1830 | **KNOWLEDGE SHARING EPOSTER SESSION**

1830 ONWARDS | **WELCOME DINNER**

Wednesday, 22 July 2026

0800 - 0900 | **REGISTRATION AND WELCOME REFRESHMENTS**

0900 - 1100

SESSION 3: ADVANCED TECHNOLOGY TO MANAGE MARGINAL AND STRANDED GAS ASSETS

Session Managers: Muhd Shamsulrizal, Wells Front End Engineer, **Brunei Shell Petroleum**; Zulhilde Mawardi, Senio. Production Technologist, **Petroleum Development Oman**; Mike Ibitomihi, Lead Wells Engineer (Completion), **Shell Sarawak Berhad**

This session will explore advanced technologies and methodologies for identifying and managing marginal and stranded gas assets. It will cover exploration-stage evaluation, brownfield production strategies, pressure management, and case studies.

1100 - 1130 | **COFFEE AND TEA BREAK**

1130 - 1330

SESSION 4: POLICY AND FISCAL FRAMEWORKS: LESSONS FROM REGIONAL AND GLOBAL EXPERIENCE

Session Managers: Shah Mohammad, Mature Assets Solutions COE Integration & Solutions, **OFSE, Baker Hughes**; Mohd Hafizul, Front End, Completion Engineer, **Brunei Shell Petroleum**; Fairus Azwardy, Asset Manager, **MPM, PETRONAS**; Siti Zulaikha Mohammad, Reservoir Engineer, **PETRONAS Carigali Sdn. Bhd.**

This session will examine how policy and fiscal frameworks will shape long-term investment decisions, highlighting how flexible approaches will unlock resources, support decarbonisation, balance economics with low-carbon goals, and strengthen upstream competitiveness.

1330 - 1430 | **NETWORKING LUNCHEON**

1430 - 1630

SESSION 5: STRATEGIES FOR MANAGING GAS WITH HIGH CONTAMINANTS AND IMPURITIES

Session Managers: Nugraha Arya, Operations and Production Senior Manager, **ENI**; Ana Widyanita, Principal Geologist, **PETRONAS**; Yan Anggoro, Senior Completion Engineer, **PT Medco E&P**

This session will explore practical and emerging strategies for managing high-contaminants, covering treatment technologies, operational best practices, and decision-making frameworks to mitigate risks, optimise performance and enhance asset reliability.

1630 - 1700 | **COFFEE AND TEA BREAK**

1700 - 1730 | **WORKSHOP SUMMARY CLOSING AND REMARKS**

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Company logo in all workshop Mobile App attendee emails	✓	✓	✓	✓
Company logo listed on workshop brochure	✓	✓	✓	✓
Option to display one company bunting**	✓	✓	✓	✓

*Include 1 Oblong Table + 2 Chairs

**Company to provide bunting

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Reinforce your organisation's relationships with key industry practitioners



Demonstrate Commitment

Demonstrate your commitment to the industry through support

Who We Are

SPE is the largest individual member organisation serving managers, engineers, scientists and other professionals worldwide in the upstream segment of the oil and gas industry.

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 programme, and SPE's energy education programme Energy4Me® are just a few examples of programmes supported by SPE.



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