

# EXCELLENCE IN ASIA ADVANCING ENERGY RESPONSIBLY

## Offshore Technology Conference Asia

31 March - 2 April 2026 :: Kuala Lumpur, Malaysia :: [www.otcasia.org](http://www.otcasia.org)



HOST



PETRONAS

### CONFERENCE PREVIEW

Principal Sponsors



General Sponsors

Industry  
Research Partner



Endorsed  
by



# DISCOVER AT OTC ASIA



## UPSTREAM

Oil & Gas Exploration | Drilling | Completions | Field Development | Production | Reservoir Engineering | Facilities Engineering | Asset Management | Smart Digital Fields | Enhanced Oil & Gas Recovery | Marginal and Mature Fields | Deepsea Mining | Decommissioning and Abandonment | HSSE



## MIDSTREAM & MARINE

Transportation | Infrastructure | Storage | Processing | FLNG | FPSO | FSO | FSRU | LNG Regasification | Smart Shipping | Pipelines | Marketing and Distribution | Natural Gas Processing | Operations



## DECARBONISATION, RENEWABLES & FUTURE ENERGY SYSTEMS

CCUS/CCTUS | Methane Abatement | Low-Carbon Technologies | Net-Zero Solutions | Hydrogen | Offshore Wind | Floating Solar | Geothermal | Energy Ecosystems | Electrification | Energy Storage | AI | Digitalisation | Automation | Robotics

## Exploration & Discovery



Dive into the world of cutting-edge exploration technologies, seismic innovations, and breakthroughs that fuel new discoveries. Connect with industry leaders pioneering the next generation of exploration tools and strategies, pushing boundaries in both traditional and renewable energy sources.

## Development & Production



Explore advanced solutions in field development and production optimisation. Witness groundbreaking innovations in drilling, subsea, and topside production that maximise efficiency and minimise environmental impact. A showcase of new developments in well integrity, enhanced recovery, and asset life extension.

## Decarbonisation & CCUS/CCTUS



Discover groundbreaking carbon capture, transport, utilisation and storage (CCS/CCUS) technologies reshaping emissions management in the energy sector. From CO2 capture advancements to innovative storage and utilisation methods, these solutions are driving decarbonisation and supporting ambitious sustainability goals in the energy transition.

## Asset, Operations & Maintenance



From offshore operations to asset integrity, experience the latest in operational excellence, maintenance best practices, and asset management. This segment highlights transformative approaches to ensure reliability, safety, and resilience in operations while achieving peak performance.

## Decommissioning & Abandonment



Explore strategies and technologies for safe, cost-efficient decommissioning and abandonment of offshore and onshore assets. Covering well plugging, subsea infrastructure removal, asset repurposing, and environmental stewardship, this segment highlights how industry drives compliance and sustainable outcomes at the end of the asset lifecycle.

## Engineering, Procurement, Construction & Installation (EPCI)



Meet the major players in EPC who bring projects to life, ensuring safe, efficient, and cost-effective delivery of facilities and infrastructure. This is the place to discover innovations in project management, construction technologies, and modularisation strategies tailored for the complex demands of the energy sector.

## Digital, AI, Automation & Robotics



Explore the digital transformation in the energy sector through AI-driven analytics, IoT applications and digital twins, enhancing efficiency, safety and sustainability. As operational technology (OT) merges with IT, strong cybersecurity is vital to protect critical infrastructure. This section highlights how the industry leverages these technologies while prioritising resilience.

## Offshore, Marine & Shipbuilding



Experience the frontier of offshore technology, including floating production systems, offshore rigs, subsea equipment, and marine logistics. Experience how the offshore sector is advancing through innovations that improve efficiency, reduce environmental impact, and push technical boundaries.

## Midstream & Transport



Transport and logistics are critical components of the energy value chain, especially for operators focused on efficient delivery and asset management. Connect with the experts in pipeline integrity, LNG transport, and offshore logistics who are making a difference in safely moving resources to markets.

## Renewable Energies & Electrification



Explore innovations in renewable energy sources including offshore wind, hydrogen, floating solar, offshore geothermal, integration for electrification, and other sustainable technologies.

## Energy Storage Solutions



Energy storage is a growing priority as the sector integrates more renewables. This area will highlight operators and innovators working on advanced solutions in energy, battery and hydrogen storage to meet future energy needs.

# OTC ASIA 2026 HIGHLIGHTS

Asia Pacific's most comprehensive event with programmes for industry leaders, technical professionals, award winning projects and technologies, emerging leaders, and university and STEM students.



30,000+  
Unique Attendees



1,500+  
Industry Leaders



80+  
Countries Represented



5,000+  
Participating Organisations



50+  
NOCs, IOCs and  
Independent  
Operators



250+  
Sponsors and Exhibitors



5,500 +  
Nett SQM of Exhibition



30+  
Hours of Networking and  
Business Opportunities



15+  
Hours of High-Level  
Industry Dialogues



70+  
Conference Sessions



400+  
Industry Leaders and  
Expert Speakers



300+  
Technical Presentations



200+  
Presenting Organisations



1,000+  
University and High  
School Students



100+  
Academic and  
Educational Institutions

## Award Programmes



Distinguished  
Achievement  
Awards



## Development Activities



# AT THE HELM OF OTC ASIA 2026

## Advisory Committee



**Mohd Jukris Abdul Wahab**  
Chief Operating Officer and  
Executive Vice President & CEO  
Upstream  
**PETRONAS**



**Siti Sulaiman**  
Country Chair &  
Senior Vice President  
Upstream Malaysia  
**Shell**



**Neil Kavanagh**  
Board Member  
**OTC**

## Programme Committee



**Ir Mohd Yusri Mohamed Yusof**  
Senior Vice President, Projects,  
Technology and Health, Safety,  
Security & Environment  
**PETRONAS**



**Hazli Sham Kassim**  
Senior Vice President  
Malaysia Assets  
Upstream  
**PETRONAS**



**Jill Chieng**  
General Manager  
Malaysia Projects  
**Shell**



**Scott Ferrier**  
Director  
Front End & Integrated  
Engineering  
**TechnipFMC**

## Development Activities Committee



**Maria Teo**  
Senior General Manager  
Global HR Partners  
Project, Technology & HSSE  
**PETRONAS**



**Shazmi Ali**  
Vice President Human  
Resources  
**Shell Malaysia**

## Malaysia Task Force



**Nurrunnajwa Mohd Aras**  
Senior General Manager  
Resource Development &  
Management, MPM  
**PETRONAS**



**Ts. Syed Saggaf Syed Ahmad**  
President  
**Malaysian Oil, Gas & Energy  
Services Council (MOGSC)**



# OUR SPONSORS

Host



Principal Sponsors



Digitalisation & AI



Development Activities and Escalator Runners



General Sponsors



Renewables & New Energy Hub



Lanyards



Development Activities



Development Activities



Executive Sponsor



Executive Sponsor



Notebooks and Pens



Sponsor



Sponsor



Exhibition Floor Graphics



Digitalisation & AI Zone



Digitalisation & AI Zone



Digitalisation



Renewables & New Energy

Industry Research Partner



Endorsed by



# CONFERENCE PROGRAMME SCHEDULE

|                    | Time              | Plenary Hall  | Conference Hall 2  | Conference Hall 3   | Meeting Room 401   | Meeting Room 402  | Meeting Room 403   | Meeting Room 404  | Meeting Room 405   | Meeting Room 406  | Around the World Stage, Hall 6   | RNE Stage, Hall 7   | RNE Theatre, Hall 7   | Hall 7C  |   |
|--------------------|-------------------|---|--|---|--|---|--|---|--|---|--|---|---|--|---|
| Tuesday, 31 March  | 0900-1030 hours   |   | <b>Around the World Series 1</b><br>ASCOPE's Role in Advancing Offshore Gas Connectivity and Energy Security: Trans-ASEAN Gas Pipeline (TACP) as a Strategic Enabler | <b>Industry Panel 1</b><br>Deepwater: Innovations for Efficient, Sustainable Energy Production  | <b>Technical Session 1</b><br>Digitalisation & AI: Facilities and Carbon Management                      | <b>Technical Session 2</b><br>Advancing Inspection: Technology, Safety, and Integrity                   | <b>Technical Session 3</b><br>Gas Processing for Net-Zero: Circular, Efficient, and Low-Emission Technologies            | <b>Technical Session 4</b><br>Innovative Sand Management Practices                            | <b>Technical Session 5</b><br>Drilling Fluids and Cementing              |   |  | <b>Renewables &amp; New Energy Strategic 1</b><br>Policy Pathways to Unlock Asia Pacific's Energy Transition  | <b>Renewables &amp; New Energy Technical 1</b><br>Offshore Wind I   | <b>Diversity, Equity &amp; Inclusion Programme</b><br>(0900-1300 hours)  |   |
|                    | 1030-1100 hours   | Knowledge Sharing ePoster Session 1 / Coffee Break  |  |   |  |   |  |   |  |   |  |   |   |  |   |
|                    | 1100-1230 hours   |   | <b>Strategic Panel 1</b><br>Collaborating for a Greener Future: Driving Decarbonisation and Sustainable Growth in Offshore Energy                                    | <b>Industry Panel 2</b><br>Maximising Mature and Marginal Fields: Unlocking New Value Through Innovation                                      | <b>Technical Session 6</b><br>Digitalisation & AI: Drilling and Completions                              | <b>Technical Session 7</b><br>Process Innovation and Structural Integrity in Offshore Systems           | <b>Technical Session 8</b><br>Innovative Approaches for Environmental Resilience   | <b>Technical Session 9</b><br>Smart EOR Applications  | <b>Technical Session 10</b><br>Well Design and Material Selection        |   |  | <b>Around the World Series 2</b><br>(1100-1200 hours)<br>Malaysia's Landscape: Advantaged Energy: Accelerating and Shaping Tomorrow                   | <b>Renewables &amp; New Energy Strategic 2</b><br>Energising Growth: Financing and Marketability  |  | <b>Renewables &amp; New Energy Technical 2</b><br>Offshore Wind II                      |
|                    | 1230-1400 hours   | Networking Luncheon   |  |   |  |   |  |   |  |   |  |   |   |  |   |
|                    | 1400-1530 hours   | <b>Opening Ceremony &amp; Distinguished Achievement Award Presentation</b>                        |  |   |  |   |  |   |  |   |  |   |   |  |   |
|                    | 1530-1630 hours   | Coffee Break  |  |   |  |   |  |   |  |   |  |   |   |  |   |
|                    | 1600-1630 hours   | ePoster Session 2   |  |   |  |   |  |   |  |   |  |   |   |  |   |
| 1630-1800 hours    |                   | <b>Leadership Dialogue 1</b><br>Advancing Energy Responsibly: Stewardship Across the Value Chain  |  |   |  |   |  |   |  |   |  |   |   |  |   |
|                    | 1630-1800 hours   |   | <b>Leadership Dialogue 2</b><br>Advancing Energy Responsibly: Scaling Techno-Commercial Pathways   |   |  |   |  |   |  |   |  |   |   |  |   |
| 1730-1900 hours    | Welcome Reception |   |  |   |  |   |  |   |  |   |  |   |   |  |   |
| Wednesday, 1 April | 0900-1030 hours   |   | <b>Strategic Panel 2</b><br>Frontiers of Exploration: Securing Energy Supply Through Sustainable Offshore Strategies   | <b>Industry Panel 3</b><br>Scaling Decarbonisation and CCUS: Transforming Offshore Assets for Sustainable Energy Production                   | <b>Technical Session 11</b><br>Digitalisation & AI: Production Operations I                              | <b>Technical Session 12</b><br>Drilling and Wells: Navigating New Horizons                              | <b>Technical Session 13</b><br>Excellence in Marginal Development  | <b>Technical Session 14</b><br>Integrated Subsurface Solutions for Mature Fields              | <b>Technical Session 15</b><br>Well Construction I                       |   |  | <b>Around the World Series 3</b><br>(1030-1130 hours)<br>India  | <b>Renewables &amp; New Energy Strategic 3</b><br>Scaling Offshore Wind in the Asia Pacific Region  | <b>Renewables &amp; New Energy Technical 3</b><br>Energy Storage   | <b>The Next Wave</b><br>a development programme for future leaders<br>(0900-1600 hours) |
|                    | 1030-1100 hours   | ePoster Session 3 / Coffee Break  |  |   |  |   |  |   |  |   |  |   |   |  |   |
|                    | 1100-1230 hours   |   | <b>Leadership Dialogue 3</b><br>Advancing Energy Responsibly: Forging the Future Together  |   | <b>Technical Session 16</b><br>Digitalisation & AI: Subsurface I   | <b>Technical Session 17</b><br>P&A Optimisation: From Technology Trials to Field Success                | <b>Technical Session 18</b><br>Powering Offshore Decarbonisation: Driving Operational Excellence and Emissions Reduction | <b>Technical Session 19</b><br>Fresh Lease of Life - Rejuvenating Aging Fields                | <b>Technical Session 20</b><br>Well Construction II                      | <b>Technical Session 21</b><br>Structural Design and Analysis for Deepwater                             |  | <b>Around the World Series 4</b><br>(1145-1245 hours)<br>Navigating the Energy Transition: Offshore Oil & Gas Strategies in Australia and New Zealand |   |  |   |
|                    | 1230-1400 hours   | Networking Luncheon   |  |   |  |   |  |   |  |   |  |   |   |  |   |
|                    | 1330-1400 hours   | ePoster Session 4   |  |   |  |   |  |   |  |   |  |   |   |  |   |
|                    | 1400-1530 hours   |   | <b>Strategic Panel 3</b><br>Accelerating Development for Energy Security: Fast-Tracking Field Strategies in a Volatile World   | <b>Industry Panel 4</b><br>Offshore Innovations: Advancing FPSO, FLNG, and LNG Strategies for a Low-Carbon Future                             | <b>Technical Session 22</b><br>Digitalisation & AI: Subsurface II  | <b>Technical Session 23</b><br>Powering Production Optimisation   | <b>Technical Session 24</b><br>Advances in Subsurface CO <sub>2</sub> Storage and Risk Mitigation                        | <b>Technical Session 25</b><br>Emerging EOR Approaches  | <b>Technical Session 26</b><br>Well Completion                           | <b>Technical Session 27</b><br>Pipeline, Transportation & Installation: Overcoming Technical Challenges |  | <b>Around the World Series 5</b><br>(1400-1500 hours)<br>Brazil   | <b>Renewables &amp; New Energy Strategic 4</b><br>Advancing Low Carbon Fuels: Innovations, Integrations and Applications                  | <b>Renewables &amp; New Energy Technical 4</b><br>(1400-1600)<br>Floating Offshore Wind Energy in Asia: Prospects and Challenges |   |
|                    | 1530-1600 hours   | ePoster Session 5 / Coffee Break  |  |   |  |   |  |   |  |   |  |   |   |  |   |
| 1600-1730 hours    |                   | <b>Strategic Panel 4</b><br>AI in Energy: Enhancing Efficiency, Decision-Making and Cybersecurity | <b>Industry Panel 5</b><br>Powering the Offshore Future: Hybrid Platforms, Electrification and Energy Storage Solutions  | <b>Technical Session 28</b><br>Digitalisation and Automation in Drilling  | <b>Technical Session 29</b><br>Optimising CO <sub>2</sub> Storage: From Specification to Subsurface Risk | <b>Technical Session 30</b><br>Innovative Solutions for Late Life Asset Optimisations                   | <b>Technical Session 31</b><br>Innovative Subsurface Approach for Exploration and Development                            | <b>Technical Session 32</b><br>Advanced Well Techniques                                       |  |   | <b>Around the World Series 6</b><br>(1515-1615 hours)<br>Navigating Headwinds: Japan's Path to Carbon Neutrality               | <b>Renewables &amp; New Energy Strategic 5</b><br>Next-Generation Nuclear: SMRs, Floating Reactors, and Hybrid Solutions                              | <b>Renewables &amp; New Energy Strategic 6</b><br>Ocean Energy: Powering the Blue Economy   |  |   |
| 1630-1730 hours    |                   |   |  |   |  |   |  |   |  |   | <b>Around the World Series 7</b><br>(1630-1730 hours)<br>Thailand's Energy Outlook: Offshore Growth and a Net-Zero 2050 Vision |   |   |  |   |
| Thursday, 2 April  | 0900-1030 hours   |   | <b>Industry Panel 6</b><br>Digital Synergy: Harnessing IT-OT Convergence and AI for Offshore Reliability   | <b>Industry Panel 7</b><br>Sustainable Operations: Driving Emissions Reduction, Resource Efficiency and Energy Management Across the Industry | <b>Technical Session 33</b><br>Engineering Excellence in Floater Systems                                 | <b>Technical Session 34</b><br>Advancement in Reservoir Engineering                                     | <b>Technical Session 35</b><br>Innovation Meets Energy Economics   | <b>Technical Session 36</b><br>Innovations in Inspection, Integrity, and Corrosion Management | <b>Technical Session 37</b><br>Smarter Flow Assurance Solutions          |   |  | <b>Around the World Series 8</b><br>(1030-1130 hours)<br>Indonesia's Road Map: Journey to Unconventional Development                                  | <b>Renewables &amp; New Energy Strategic 7</b><br>Grid and Infrastructure: The Backbone of Energy Transition                              | <b>Renewables &amp; New Energy Technical 5</b><br>Case Studies (Tidal/Waves/Wind)  | <b>Energy Education Workshop</b><br>(0800-1600 hours)                                   |
|                    | 1030-1100 hours   | Knowledge Sharing ePoster Session 6 / Coffee Break  |  |   |  |   |  |   |  |   |  |   |   |  |   |
|                    | 1100-1230 hours   |   | <b>Strategic Panel 5</b><br>Offshore Gas: Bridging the Energy Transition with Sustainable Solutions  | <b>Industry Panel 8</b><br>Autonomous Horizons: Harnessing Digital Innovation for Offshore Operations and Monitoring                          | <b>Technical Session 38</b><br>Digitalisation & AI: Business Excellence and HSE                          | <b>Technical Session 39</b><br>Decommissioning: Innovations, Execution, and Case Insights               | <b>Technical Session 40</b><br>Cutting-Edge Approaches in Materials, Corrosion, and Inspection                           | <b>Technical Session 41</b><br>Well Integrity and Workover                                    | <b>Technical Session 42</b><br>From Production Surveillance to Solutions |   |  | <b>Around the World Series 9</b><br>(1145-1215 hours)<br>Next Wave China: Unlocking Value in Offshore Energy and Low-Carbon Solutions                 | <b>Renewables &amp; New Energy Strategic 8</b><br>Energy Storage and Transportation: Enabling Scalable and Reliable Clean Energy          | <b>Renewables &amp; New Energy Strategic 9</b><br>Floating Solar: Innovations, Investments, and Opportunities                    |   |
|                    | 1230-1400 hours   | Networking Luncheon   |  |   |  |   |  |   |  |   |  |   |   |  |   |
|                    | 1330-1400 hours   | Knowledge Sharing ePoster Session 7   |  |   |  |   |  |   |  |   |  |   |   |  |   |
|                    | 1400-1530 hours   |   | <b>Strategic Panel 6</b><br>Future-Proofing Talent: Upskilling, Leadership, and Knowledge Transfer   | <b>Industry Panel 9</b><br>Smart Decommissioning: Innovative Solutions for Safe, Efficient, and Cost-Effective P&A Operations                 | <b>Technical Session 43</b><br>Digitalisation & AI: Production Operations II                             | <b>Technical Session 44</b><br>Subsea Production Systems: Analysis, Control and Monitoring Technologies | <b>Technical Session 45</b><br>Practical Solutions for Emissions Reduction in the Energy Transition                      | <b>Technical Session 46</b><br>Geotechnical and Geomechanical Insights for Upstream and CCS   |  |   |  | <b>Around the World Series 10</b><br>Honouring the Past, Engineering the Future: How Brunei's 100-Year-Old Industry is Powering the Next Chapter      | <b>Renewables &amp; New Energy Strategic 10</b><br>Geothermal Energy in Asia Pacific: Innovations, Challenges, and Emerging Opportunities |  |   |
|                    | 1545-1700 hours   |   | <b>Closing Session</b>   |   |  |   |  |   |  |   |  |   |   |  |   |

■ Opening/Leadership Dialogue Session
 ■ Strategic Panel
 ■ Industry Panel
 ■ Country Session
 ■ Renewables & New Energy
 ■ Technical Session
 ■ Development Programme
 ■ Closing

# The Energy Behind Your Energy



Energy Security for All Walks of Life

## LEADERSHIP DIALOGUE 1 | Advancing Energy Responsibly: Stewardship Across the Value Chain

Tuesday, 31 March | 1630-1715 hours

### Speakers



**Mohd Jukris Abdul Wahab**  
Chief Operating Officer  
Executive Vice President &  
CEO, Upstream  
**PETRONAS**



**Awang Lazuardi**  
Chief Executive Officer  
**PT Pertamina Hulu Energi**



**Richard Howe**  
Executive Vice President  
Conventional Oil & Gas (COG)  
Upstream  
**Shell**



**Shannon Slocum**  
Executive Vice President &  
Chief Operating Officer  
**Halliburton**



**Jonathan Landes**  
President  
Subsea  
**TechnipFMC**

### Moderator



**Carole Nakhle**  
Chief Executive Officer  
**Crystal Energy**

As **Asia Pacific's** role in global energy continues to expand, this high-level session brings together influential leaders sharing their path through a rapidly shifting energy landscape. Against a backdrop of geopolitical and market changes - and commitment to sustainable practices - this dialogue will explore how the industry is unlocking energy and offshore potential to **strengthen energy security** and drive **collaboration across the value chain**.

This forward-looking conversation will examine the importance of **balancing cost, sustainability, and long-term value creation** in the face of a growing polycrisis that demands resilient and inclusive energy solutions.

Central to this effort is the need for value chain-wide collaboration - linking NOCs, IOCs, service providers, financiers, and regulators - to accelerate the production of **advantaged barrels** through **scalable, lower-emission technologies** and **innovative development models**.

Discussion themes include:

- Asia Pacific's evolving contribution to global energy security - **strategic risks, market opportunities, and future outlook**
- Mobilising **investment and innovation to unlock energy resources**, including upstream and deepwater opportunities
- Strengthening partnerships through **joint ventures, integrated developments, and new business models**
- Advancing abated energy technologies to **unlock lower-emission barrels at scale**
- Responding to dynamic geopolitical, market, and regulatory shifts while ensuring **supply stability**
- Positioning Asia Pacific's upstream and supply chain for **long-term competitiveness, relevance, and resilience**

## LEADERSHIP DIALOGUE 2 | Advancing Energy Responsibly: Scaling Techno-Commercial Pathways

Tuesday, 31 March | 1715-1800 hours

### Speakers



**Peter Larden**  
Senior Vice President  
Upstream Conventional & Heavy Oil  
**ExxonMobil**



**Ryosuke Tsugaru**  
Senior Managing Executive Officer  
and Chief Low Carbon Fuel Officer  
**JERA**



**Montri Rawanchaikul**  
Chief Executive Officer  
**PTTEP**



**Steve Gassen**  
Executive Vice President  
Geographies  
**SLB**

### Moderator



**Carole Nakhle**  
Chief Executive Officer  
**Crystol Energy**

In an era shaped by **converging global dynamics** — where energy supply, demand, economic and population growth intersect – Asia Pacific is driving forward energy security while enabling **scalable decarbonisation** across the region.

This senior level discussion will explore how the region can and is navigating this complexity by scaling promising **technologies and solutions** that balance **near-term priorities** with **long-term business and sustainability goals**.

It will spotlight the expanding role of **natural gas and LNG as strategic enablers** of long-term energy reliability, while framing decarbonisation pathways - spanning **CCUS, renewables, electrification, and advanced technologies** - with an emphasis on **scaling solutions that deliver impact across the value chain**.

Leaders will share perspectives on progressing the journey from pilot initiatives to large-scale deployment, and address regulatory frameworks, infrastructure readiness, and financing mechanisms needed to **unlock techno-commercial adoption**. This includes the development of **CO<sub>2</sub> business ecosystems** and **market instruments** as levers for unlocking investment and commercial viability.

The dialogue will further explore how **policy coherence, energy diversification** and **multi-sector, cross-border partnerships** can shape a **resilient path forward**.

Discussion themes include:

- The evolving role of gas and LNG as both **transition and destination fuels** - driving integration and complementing long-term, low-carbon energy strategies
- Scaling **decarbonisation**: CCUS, the CO<sub>2</sub> business and the carbon economy
- Integrating sources: Renewables, electrification, and advanced technologies to build **flexible, diversified, and low-emission production systems**
- **Advancing from pilot to adoption** –opportunities in infrastructure investment, regulatory frameworks, supply chain value creation, and industry models that enable scalable deployment
- How **Asia** can lead in building **resilient, low-carbon, and commercially viable** energy ecosystem

## LEADERSHIP DIALOGUE 3 | Forging the Future Together

Wednesday, 1 April | 1100-1200 hours

### Speakers



**Saravan Penubarthi**  
Chief Technology Officer  
**AIQ**



**Sushil Purohit**  
Chief Executive Officer  
**Gentari**



**Young Kyu Anh**  
Executive Vice President and  
Chief Technology Officer  
**Samsung Heavy Industries**



**Guillaume Chalmin**  
Senior Vice President  
Customer Lines  
**TotalEnergies**

### Moderator



**Jarand Rystad**  
Chief Executive Officer  
**Rystad Energy**

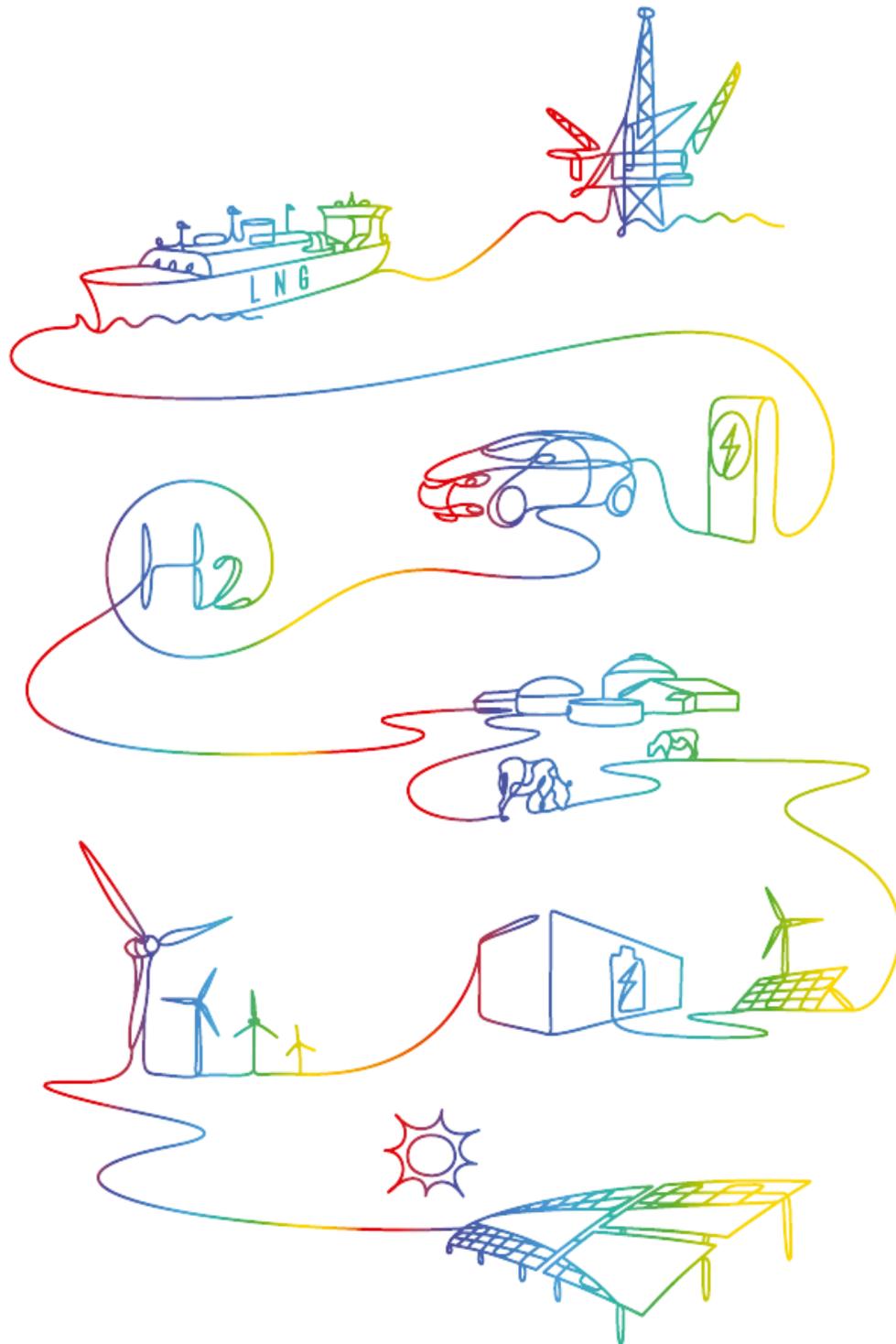
As Asia Pacific advances toward a net-zero future, the region is emerging as both a leader in the energy transition and a proving ground for **next-generation energy systems**. This dialogue will spotlight innovations shaping tomorrow's landscape — from **offshore renewables and energy storage to FPSOs and floating carriers for hydrogen and future fuels** – alongside the growing role of digitalisation and artificial intelligence in enabling scale, resilience, and speed.

Senior executives will share perspectives on how portfolios and investment strategies are evolving to capture opportunities across the energy transition, offshore renewable resources, and emerging fuels, while responding to the rapid growth of an **energy-intensive digital economy**. As technology adoption accelerates across industries, **demand for reliable, low-carbon power** is reshaping infrastructure requirements and long-term energy planning.

The discussion will explore **pathways from pilot to market**, highlighting the policy, finance, partnership, and technology frameworks needed to unlock deployment at scale. It will examine how digital tools and advanced analytics - including AI - support optimisation, system integration, and investment decision-making, alongside the broader infrastructure, market, and operational requirements needed to deliver **clean, secure, and dispatchable energy**.

Key themes include:

- Scaling offshore renewables: offshore wind, floating solar, energy storage, and grid integration
- Leading innovations in floating solutions: FPSOs and carriers for LCO<sub>2</sub>, hydrogen, and future fuels
- Commercial prospects for emerging fuels: hydrogen, ammonia, and biofuels
- Acceleration enablers in a technology-driven landscape: regulatory frameworks, capital mobilisation, infrastructure readiness, digital optimisation, and regional collaboration



# TotalEnergies is progressing on the path of energy transition.

More information on  
TotalEnergies' transition strategy on  
[totalenergies.com/energy-transition](https://totalenergies.com/energy-transition)



**TotalEnergies**

TotalEnergies is a global integrated energy company that produces and markets energies (oil and biofuels, natural gas, biogas and low-carbon hydrogen, renewables and electricity) and is staying the course of its transition strategy.

## STRATEGIC PANEL 1

### Collaborating for a Greener Future: Driving Decarbonisation and Sustainable Growth in Offshore Energy

Wednesday, 1 April | 0900-1030 hours

#### Speakers



**Brian Goody**  
Vice President  
New Energy, Oilfield Services &  
Equipment  
**Baker Hughes**



**Egon van der Hoeven**  
President  
Low Carbon Solutions  
**ExxonMobil Asia Pacific**



**Ir Mohd Yusri Mohamed Yusof**  
Senior Vice President  
Project, Technology & HSSE  
**PETRONAS**



**Maylada Chayavadhanangkur**  
Senior Vice President  
Business Development 2 Division  
**PTTEP**



**Luky A. Yusgiantoro**  
Secretary  
**SKK Migas**

#### Moderator



**Faizah Ramlee**  
General Manager  
Strategy, Planning & Commercial  
Carbon Management Division  
**PETRONAS**

As the world works to decarbonise offshore energy production and meet growing energy demand, this session explores how regional collaboration and diversified solutions—including LNG, hydrogen, CCUS, and renewables—are accelerating the transition to low-carbon offshore systems.

Panellists will also explore how integrated oil and gas-renewable systems, cross-sector partnerships, and enabling policies can foster investor confidence and unlock capital for scalable, low-carbon innovation.

## STRATEGIC PANEL 2

### Frontiers of Exploration: Securing Energy Supply Through Sustainable Offshore Strategies

Wednesday, 1 April | 0900-1030 hours

#### Speakers



**Rami Yassine**  
President  
Eastern Hemisphere  
**Halliburton**



**Ahmad Faisal Bakar**  
Vice President  
Exploration  
**PETRONAS**



**Nisrine Al-Kadi**  
Vice President  
Exploration  
**Shell**



**Li Dan**  
Vice President  
Reservoir Performance  
**SLB Asia**



**Amine Soudani**  
Vice President  
Exploration, Europe, Middle East,  
North Africa and Asia,  
**TotalEnergies**



**Carel Hooijkaas**  
Executive Vice President  
Marine Data Acquisition  
**TGS**

#### Moderator



**Clare Baker-White**  
Head  
International Plays & Basins  
**S&P Global**

As demand for secure energy intensifies, offshore exploration remains vital — but the rules are evolving. This session will spotlight how energy companies are recalibrating exploration strategies to deliver new resources while meeting rising expectations for sustainability and climate responsibility.

From low-carbon drilling solutions to nature-based approaches, speakers will examine the technologies, investment trends, and emissions-reduction strategies shaping the next wave of exploration. The panel will also explore how rethinking offshore project economics and environmental performance can unlock access to new reserves while securing long-term stakeholder confidence.

## STRATEGIC PANEL 3

### Collaborating for a Greener Future: Driving Decarbonisation and Sustainable Growth in Offshore Energy

Wednesday, 1 April | 0900-1030 hours

#### Speakers



**Connor Dunn**  
President  
Malaysia  
**ConocoPhillips**



**Martin White**  
Senior Vice President  
Asia Pacific  
**Halliburton**



**Mohd Nazlee Rasol**  
Vice President  
Development, Upstream  
**PETRONAS**



**Mery Luciawaty**  
Director  
Development & Production  
**PT Pertamina Hulu Energi**



**Suresh Sinnappu**  
Vice President  
Global Account  
**Weatherford**

#### Moderator



**Prateek Pandey**  
Senior Vice President & Head of Asia  
Upstream  
**Rystad Energy**

In a landscape shaped by uncertainty and shifting demand, the ability to rapidly bring energy resources online is becoming a competitive advantage. This session will explore how Asia Pacific is rethinking development models to deliver energy faster, cleaner, and more efficiently—while managing risks tied to market volatility, geopolitical tension, and supply chain disruption.

From modular field development and digital project delivery to inative contracting models and fit-for-purpose infrastructure, speakers will examine how the region is unlocking new approaches to accelerate field execution. The discussion will also address how governments and operators are adapting investment strategies and partnerships to ensure long-term energy security in an increasingly complex environment.

## STRATEGIC PANEL 4

### AI in Energy: Enhancing Efficiency, Decision-Making and Cybersecurity

Wednesday, 1 April | 1600-1730 hours

#### Speakers



**Eddy Kamaruddin**  
Chief Executive Officer  
**AFED Digital**



**Sikandar Khan**  
Director of Sales & Customer  
Success  
**AIQ**



**Intan Abu Bakar**  
President and IT Director  
Global Business Center Malaysia  
**ExxonMobil**



**Carolina Barros**  
Director of Growth  
Global Wells & Drilling  
**Kongsberg Digital**



**Shahrudin Hamid Mustapha**  
Chief Executive Officer  
**PETRONAS Digital**



**Thanasit Vichaipairojwong**  
Senior Vice President  
Digital Technology Center of  
Excellence Division  
**PTTEP**

#### Moderator



**Srikant Kadambi**  
Managing Director  
Energy and Resources, Asia  
**Microsoft**

Artificial Intelligence (AI) is revolutionising the energy sector, enabling smarter decision-making, enhanced operational efficiency, and more secure digital infrastructure.

AI-driven predictive analytics and automation are optimising exploration, production and asset management while minimising uncertainties. However, as AI adoption grows, governance and cybersecurity frameworks must evolve to ensure data integrity and risk mitigation. High-performance computing is also playing a crucial role in unlocking AI's full potential, driving complex simulations, modelling and real-time analytics. This session explores how AI and advanced computing are shaping a more efficient, intelligent, and secure energy future

## STRATEGIC PANEL 5

### Offshore Gas: Bridging the Energy Transition with Sustainable Solutions

Thursday, 2 April | 1100-1230 hours

#### Speakers



**Tayo Akinokun**  
Senior Vice President  
Global Geozones Oilfield Services &  
Equipment  
**Baker Hughes**



**Yoshihide Kira**  
Executive Vice President  
**ENEOS Xplora**



**Mahesh Swaminathan**  
Senior Vice President  
Subsea & Floating Facilities  
**McDermott**



**Jamal AlBlooshi**  
Country Manager  
Malaysia  
**Mubadala Energy**



**Vanruedee Chariyapisuthi**  
Senior Vice President Corporate  
Strategy Division  
**PTTEP**



**Siti Sulaiman**  
Country Chair and  
Senior Vice President  
Upstream, Malaysia  
**Shell**

#### Moderator



**Samuel Low**  
Head of Advisory APAC  
**Rystad Energy**

Natural gas remains key to Asia's energy security, with upstream technologies increasingly focused on producing greener, decarbonised gas to bridge the energy transition and meet evolving market demands.

This session explores the role of offshore gas in the energy mix, the latest market trends shaping investment and policy decisions, and breakthrough technologies driving emissions reduction - from methane abatement to carbon capture solutions. Discover how offshore gas can accelerate the energy transition while ensuring long-term supply resilience.

## STRATEGIC PANEL 6

### Collaborating for a Greener Future: Driving Decarbonisation and Sustainable Growth in Offshore Energy

Wednesday, 1 April | 0900-1030 hours

#### Speakers



**Ronnarong Chanleka**  
Vice President  
Assets and NOJV  
**Chevron Thailand Exploration and  
Production, Ltd.**



**Jennifer Miskimins**  
Department Head  
Petroleum Engineering  
**Colorado School of Mines**



**Zahira Zaharudin**  
Project Engineer  
**Shell**



**Jérôme Saniez**  
Managing Director  
TotalEnergies EP Malaysia and  
Country Chair Malaysia  
**TotalEnergies**



**Ir. Mohamed Firouz Asnan**  
President  
**Universiti Teknologi PETRONAS**

#### Moderator



**Neil Kavanagh**  
Board Member  
**Offshore Technology Conference**

As the offshore energy sector navigates rapid transformation, future-proofing its workforce is more critical than ever. This session will explore how companies are building resilient, agile teams through continuous learning, inclusive talent development, and effective leadership succession.

With the growing integration of digital technologies, automation, and AI, panellists will also examine the evolving skillsets required to thrive in this new landscape – emphasising the importance of cross-functional talent to lead in age of techno-commercial complexity, and to navigate a diversified energy landscape driven by digitalization, AI, and emissions-abated solutions. They will highlight the importance of data literacy, systems thinking, and interdisciplinary collaboration.

Join us for a forward-looking dialogue on how the industry can empower its people to lead the future of energy—balancing growth, decarbonisation, and innovation with purpose-driven leadership and strategic workforce planning.

**MCDERMOTT**

# BUILDING ENERGY'S FUTURE

SUBSEA FIELD DEVELOPMENT | FIXED AND CENTRAL PROCESSING PLATFORMS | FLOATING FACILITIES | DECOMMISSIONING



**SUBSEA AND  
FLOATING FACILITIES**

## INDUSTRY PANEL 1

### Deepwater: Innovations for Efficient, Sustainable Energy Production

Tuesday, 31 March | 0900-1030 hours

#### Speakers



**Scott Miller**  
Region Business Development  
Manager  
Halliburton Energy Services  
**Halliburton**



**Nurunnajwa Bt Mohd Aras**  
Senior General Manager Resource  
Development & Management  
Malaysia Petroleum Management  
(MPM)  
**PETRONAS**



**Dian Hestining Utami**  
Coordinator of Field Development  
Region II  
**SKK Migas**



**Scott Ferrier**  
Front End and Systems Engineering  
Director  
**TechnipFMC**



**Aurélie Clavé**  
Vice President  
Deep Offshore  
**TotalEnergies**

#### Moderator



**Noeline Wong**  
General Manager Development and  
Subsurface Malaysia  
**Shell**

Deepwater projects are a critical pillar of Asia Pacific's energy future, offering high-volume supply potential in an increasingly constrained landscape. As gas continues to serve as a transition fuel, the challenge is to develop deepwater resources with greater efficiency, lower emissions, and stronger project economics.

This session will showcase cutting-edge innovations in deepwater technologies—from high-spec drilling systems to subsea digitalisation and low-carbon solutions. Speakers will examine how operators are rethinking project execution to enhance performance, reduce environmental impact, and deliver more sustainable outcomes at scale.

## INDUSTRY PANEL 2

### Maximising Mature and Marginal Fields: Unlocking New Value Through Innovation

Tuesday, 31 March | 1100-1230 hours

#### Speakers



**Zan N. Ismail**  
Malaysia Lead Country Manager  
President & Chairman  
**ExxonMobil Exploration and  
Production and Malaysia Inc.**



**Pascal Hos**  
Country Head  
Malaysia & Vietnam  
**Hibiscus Petroleum**



**Donna Kruiwon Cruz**  
President & CEO  
**Prime Energy**



**Francisco Nunez**  
Vice President  
Sales & Commercial  
**SLB OneSubsea**



**Bruno Michel**  
Vice President  
Geoscience and Reservoir  
**TotalEnergies**



**Khairul Azhar Abu Bakar**  
Chief Executive Officer  
**Vestigo**

#### Moderator



**Craig Stewart**  
Senior Vice President  
International E&P and CCUS  
**Medco Energi Internasional**

Mature and marginal fields continue to be a vital part of Asia's upstream energy mix, offering opportunities for value creation in a capital-constrained and carbon-conscious environment. While mature fields can benefit from existing infrastructure and established infrastructure and operations, marginal fields require fit-for-purpose development concepts, disciplined cost structures, and innovative commercial approaches to be economically viable.

This session will explore how operators are unlocking value from both mature and marginal assets through innovation across technology, project execution, and business models. Panellists will share real-world case studies on extending asset life, improving recovery, and optimising economics using approaches such as subsea tiebacks, enhanced recovery techniques, data-driven reservoir management, and simplified development solutions.

From a commercial perspective, the discussion will examine how flexible investment frameworks, phased developments, cost-efficient execution strategies, and collaborative partnerships are enabling successful redevelopment and marginal field monetisation.

## INDUSTRY PANEL 3

### Scaling Decarbonisation and CCUS: Transforming Offshore Assets for Sustainable Energy Production

Wednesday, 1 April | 0900-1030 hours

#### Speakers



**Isabela Morbach**  
Co-Founder and Director  
**CCS Brasil**



**Koji Yamamoto**  
Senior Councillor  
Chief Technology Officer  
**JOGMEC**



**Emry Hisham Yusoff**  
Head, Carbon Management  
**PETRONAS**  
Chief Executive Officer  
**PETRONAS CCS Ventures**



**Luanna Duffe**  
Executive Vice President  
New Energy  
**TechnipFMC**



**Arnaud Tual**  
CCS Director  
**TotalEnergies**



**Basil Theckumpurath**  
Head of Country - Malaysia  
Genesis  
**Technip Energies**

#### Moderator



**Siti Aishah Mohd Hatta**  
Head of Southeast Asia  
**Global CCS Institute**

As the offshore sector works to lower its carbon footprint, a growing suite of decarbonisation levers is reshaping how offshore assets operate and create value. These include gas flaring reduction and methane management, electrification and offshore power solutions, efficiency upgrades and digital optimisation, carbon capture, utilisation and storage (CCUS) opportunities, and the adoption of low-carbon fuels. This session will explore how these pathways are being deployed in practice to reduce emissions intensity while maintaining safe, reliable operations.

Building on this broader decarbonisation toolkit, the session will then focus on CCUS as a critical enabler of large-scale, durable emissions reduction, particularly for hard-to-abate offshore processes. Panellists will examine how companies are tackling the technical and economic challenges of scaling CCUS, including capture integration constraints, CO<sub>2</sub> transport and logistics, storage resource readiness, injection performance, and monitoring and verification requirements. The discussion will also highlight what is needed to improve the bankability and investability of offshore decarbonisation projects, including the role of technology in enhancing cost efficiency, reducing project risks, and strengthening commercial viability.

## INDUSTRY PANEL 4

### Offshore Innovations: Advancing FPSO, FLNG, and LNG Strategies for a Low-Carbon Future

Wednesday, 1 April | 1400-1530 hours

#### Speakers



**Jeff Knox**  
Project Sponsor  
Floating Production Systems  
**MODEC**



**Anders Vaalandsmyr**  
Director  
Technology and R&D  
**NOV | APL Norway AS**



**Youngkyu Ahn**  
Executive Vice President and  
Chief Technology Officer  
**Samsung Heavy Industries**



**Lorenzo Disaro**  
FLNG-LNG Offshore Business  
Director  
**Technip Energies**

#### Moderator



**Wei Xiong**  
Vice President of Gas and LNG and  
Head of China Gas  
**Rystad Energy**

Floating solutions such as FPSOs, FLNGs, and LNG carriers are reshaping offshore energy by delivering efficient, adaptable, and lower-emission options for production, storage, and transport. As demand for cleaner energy rises, innovations in FPSO and FLNG design are optimising efficiency, reducing emissions, and improving project economics. These advances are enabling more techno-economic deployment of LNG, an essential lower-emission energy source for Asia, as well as integration with CCUS and offshore CO<sub>2</sub> networks.

Meanwhile, LNG shipping and storage—including next-generation carrier designs and FSRUs—are evolving to meet Asia Pacific's growing energy needs. Offshore carbon transport and storage systems are also gaining traction as regional CCS hubs take shape. This session explores how cutting-edge offshore technologies are advancing sustainability, improving flexibility, and supporting the region's transition to a lower-carbon future.

## INDUSTRY PANEL 5

### Powering the Offshore Future: Hybrid Platforms, Electrification and Energy Storage Solutions

Wednesday, 1 April | 1600-1730 hours

#### Speakers



**Khaleef Khan**  
Head of Offshore Solutions  
Energy Industries Division  
**ABB**



**Shivaji Das**  
Managing Director  
**IGPI**



**Mohamed Shtan Salleh**  
Chief Operating Officer  
**Malaysia Marine and Heavy  
Engineering**



**Dan Grech**  
Founder & CEO  
**OTEC**



**Jill Chieng**  
General Manager  
Projects Malaysia  
**Shell**



**Ross McAlpine**  
Vice President  
Commercial New Energy  
**TechnipFMC**

#### Moderator



**Dr. Rahim Masoudi**  
Chief Technical Lead  
**EnQuest & Veri Energy**

Hybrid offshore platforms, floating power systems, and next-generation energy storage technologies are redefining how offshore assets are powered, enhancing efficiency, reducing emissions, and improving system resilience.

This session will explore the integration of oil and gas with renewables like wind and solar to create multi-energy offshore hubs, as well as the rise of floating energy infrastructure that supports electrification and long-term storage. Panellists will also examine how hybrid energy configurations are emerging as viable solutions for decarbonising offshore operations and strengthening energy security.

## INDUSTRY PANEL 6

### Digital Synergy: Harnessing IT-OT Convergence and AI for Offshore Reliability

Thursday, 2 April | 0900-1030 hours

#### Speakers



**Atila Mellilo**  
Senior Director  
Head of Reservoir Center of  
Excellence, Landmark  
**Halliburton**



**Steven Deng**  
President of Oil & Gas Industry  
**Huawei Technologies**



**Azam Mohammad**  
Senior Partner  
**McKinsey & Company**



**Dzul Karnain Azaman**  
Senior General Manager  
Upstream Technology, Digital &  
Innovation  
**PETRONAS**



**Zied Ouertani**  
Global Vice President  
Digital Transformation  
**Siemens Energy**



**Ismail Omar**  
Director  
Asset, Subsurface, and Planning  
**TotalEnergies**

#### Moderator



**Lyndsey Lomas**  
Vice President  
Digital Asia  
**SLB**

The convergence of Information Technology (IT) and Operational Technology (OT) is unlocking new levels of efficiency and reliability in offshore operations.

Integrated digital systems are delivering real-time insights that optimise asset performance, enhance predictive maintenance, and reduce downtime. AI-driven automation is further strengthening offshore reliability, while standardised data frameworks and interoperability are unlocking cross-system synergies. This session explores the technologies, strategies and innovations driving digital transformation to help offshore assets operate more seamlessly, securely and efficiently in an increasingly connected world. Join us to discover how digital synergy is reshaping offshore reliability and performance.

In addition, the session will feature real-life case studies that highlight both the successes and challenges of implementation – including legacy infrastructure integration, data quality and reliability, and adapting workforce culture through effective change management.

## INDUSTRY PANEL 7

### Sustainable Operations: Driving Emissions Reduction, Resource Efficiency and Energy Management Across the Industry

Thursday, 2 April | 0900-1030 hours

#### Speakers



**Graham Gillies**  
Vice President  
Asia Pacific  
**Baker Hughes**



**Venkat Pillay**  
CEO & Founder  
**LatConnect 60**



**Ir Siti Rafidah Moslim**  
General Manager  
Capability & Embedment, Corporate  
Sustainability  
**PETRONAS**



**Liu-Yi Yeoh**  
HSSE & Sustainability Director  
**TotalEnergies EP Malaysia**



**Ir. Ts. Megat Zariman Abdul Rahim**  
President  
**Velesto Energy**

#### Moderator



**Mark Holst**  
Business Opportunity Manager  
CCS in Asia Pacific  
**Shell**

The convergence of Information Technology (IT) and Operational Technology (OT) is unlocking new levels of efficiency and reliability in offshore operations.

Integrated digital systems are delivering real-time insights that optimise asset performance, enhance predictive maintenance, and reduce downtime. AI-driven automation is further strengthening offshore reliability, while standardised data frameworks and interoperability are unlocking cross-system synergies. This session explores the technologies, strategies and innovations driving digital transformation to help offshore assets operate more seamlessly, securely and efficiently in an increasingly connected world. Join us to discover how digital synergy is reshaping offshore reliability and performance.

In addition, the session will feature real-life case studies that highlight both the successes and challenges of implementation – including legacy infrastructure integration, data quality and reliability, and adapting workforce culture through effective change management.

## INDUSTRY PANEL 8

### Autonomous Horizons: Harnessing Digital Innovation for Offshore Operations and Monitoring

Thursday, 2 April | 1100-1230 hours

#### Speakers



**Dato' Kamarul A Muhamed**  
Founder and Group CEO  
**Aerodyne**



**Milin Jeevapatsa**  
General Manager  
**AI & Robotics Ventures Company Limited**



**Ismail Ismayatim**  
Commercial Director (APAC)  
Power Energy Resources Software  
**GE Vernova**



**Srinivasan Iyengar**  
CTO  
Energy & Resources, Asia  
**Microsoft**



**Partha Dev**  
Venture Manager  
Offshore Engineering Structures  
**Rosenxt**



**Thomas Gautherot**  
Vice President  
Drilling & Wells  
**TotalEnergies**

#### Moderator



**Karina Fernandez**  
General Manager  
Digital Innovation and AI  
**Shell**

Offshore operations are evolving as autonomous technologies, advanced sensing systems, and AI-driven analytics redefine efficiency, reliability and sustainability. Remote inspection tools - such as autonomous drones and robotic platforms - are transforming offshore maintenance, improving safety while reducing operational risks.

Meanwhile, emerging sensing technologies, including distributed acoustic sensing, IoT and nano-sensors, enable continuous monitoring of offshore assets, environmental conditions, and carbon absorption in seawater.

As AI, automation and digital twins reshape offshore energy, this session explores how cutting-edge innovations are driving smarter, safer and more resilient offshore operations.

In addition, the session will highlight how policy and regulatory frameworks – such as aviation regulations for aerial drones and maritime rules for autonomous vessels – impact the deployment and scalability of these technologies in offshore environments.

## INDUSTRY PANEL 9

### Sustainable Operations: Driving Emissions Reduction, Resource Efficiency and Energy Management Across the Industry

Thursday, 2 April | 1400-1530 hours

#### Speakers



**Pannawat Nilkitsaranont**  
Vice President  
Facilities, Design and Solutions  
**Chevron Thailand E&P**



**Muhtar Bin Suhaili**  
Group Chief Executive Officer  
**EPIC Berhad**



**Sue McCarrey**  
Chief Executive Officer  
**National Offshore Petroleum Safety  
and Environmental Management  
Authority (NOPSEMA)**



**Souhaibe Barkat**  
Managing Director  
North Asia  
**Weatherford**

#### Moderator



**Francis Norman**  
CEO and Managing Director  
**Centre of Decommissioning  
Australia (CODA)**

Plug and abandonment (P&A) is a critical phase in offshore asset retirement, requiring efficient, cost-effective solutions that ensure safety and regulatory compliance. Advances in rigless P&A methods and well closure technologies are improving operational efficiency while minimising environmental impact.

Beyond P&A, offshore decommissioning strategies are evolving to streamline removal processes, reduce risks and support cost efficient infrastructure retirement. This session examines the latest innovations in P&A and decommissioning, highlighting practical approaches for managing late-life assets effectively.



100

Years of Driving  
Energy Innovation

[slb.com/about/who-we-are/our-history](https://slb.com/about/who-we-are/our-history)

A showcase of national and regional developments, strategies, and priorities in offshore energy, featuring high-level speakers from government, operators, and service providers



Australia



Brazil



Brunei



China



East Timor



India



Indonesia



Japan



Malaysia



New Zealand



Thailand



### SESSION 1

## ASCOPE's Role in Advancing Offshore Gas Connectivity and Energy Security: Trans-ASEAN Gas Pipeline (TAGP) as a Strategic Enabler

Tuesday, 31 March | 0900-1030 hours

The ASEAN Council of Petroleum and Energy (ASCOPE) brings together key players in the region to discuss:

- ASEAN's strategic role in implementing the ASEAN Plan of Action for Energy Cooperation (APAEC) on Oil and Gas Connectivity and Security, with a focus on offshore gas development.
- TAGP as a critical offshore gas evacuation and monetisation infrastructure, enabling cross-border connectivity between offshore supply sources and regional demand centres.
- Role of National Oil Companies (NOCs) in driving offshore pipeline development through regional collaboration, coordinated investment, and integrated offshore-onshore infrastructure planning.



## SESSION 2

### Malaysia's Landscape: Malaysia's Landscape: Advantaged Energy: Accelerating and Shaping Tomorrow

Tuesday, 31 March | 1100-1200 hours

The panel session will feature a diverse range of perspectives from market analysts, industry leaders, and energy investors who will discuss on what makes Malaysia a compelling upstream investment destination. The highlight will focus how Malaysia's open and mature ecosystem fosters investor confidence, drives value creation, and generates spin-off benefits across the energy value chain.

Through Malaysia Petroleum Management (MPM), PETRONAS continues to strengthen the Malaysia's Exploration & Production (E&P) landscape by evolving governance and commercial frameworks, making Malaysia an investor-friendly destination. Complemented by initiatives such as unlocking frontier basins, enhancing bid-round offerings, and approving higher levels of investment, these efforts reinforce Malaysia's competitiveness in the region.

Beyond attracting investments, Malaysia is also committed to building a sustainable E&P ecosystem by positioning itself as a regional talent-development hub, cultivating skilled individuals through structured on-the-job development and continuous upskilling to support the future industry needs across ASEAN.

Simultaneously, Malaysia hopes to be able to actively shape a more interconnected regional energy landscape. Building on successful partnerships with Thailand, Vietnam, and Brunei, the country is strategically positioned to catalyse the next wave of regional growth, innovation, and resilience across the region.

With the Malaysia Bid Round (MBR) 2026 on the horizon, Malaysia's combined strengths will stand as a testament to its status as a progressive, resilient, and investor-ready energy hub.

#### Speakers



**Datuk Ir. Bacho Pilog**  
Senior Vice President  
Malaysia Petroleum Management  
**PETRONAS**



**Nick Sharma**  
Global Head of Insights  
Upstream Solutions  
**S&P Global Energy CERA**



**Mark Been**  
Vice President  
Conventional, Offshore  
**TotalEnergies**



**Ross Lubetkin**  
Chief Executive Officer  
**Welligence**

#### Session Chair



### SESSION 4

## Navigating the Energy Transition: Offshore Oil & Gas Strategies in Australia, NZ and East Timor

Wednesday, 1 April | 1145-1245 hours

This session will delve into the evolving offshore oil and gas landscapes of Australia, New Zealand and East Timor, exploring how these nations are adapting to global energy transitions while addressing domestic energy security and economic imperatives. Key discussion points include:

- Australia's Offshore Developments & Remaining Competitive in the Asia-Pacific/LNG value Chain
- Collaboration to Accelerate Projects: Highlight the critical role of partnerships between technology providers, government, and operators in delivering projects faster and at lower cost.
- Australia's Unique Position in Offshore CCS
- New Zealand's Policy Shift: Discuss the implications of New Zealand lifting its offshore oil and gas exploration ban in 2025, aiming to bolster energy security amidst declining domestic production.

#### Speakers



**Gualdino do Carmo da Silva**  
President and  
Chairman of the Board of Directors  
**Autoridade Nacional do Petroleo  
(ANP) Timor Leste**



**Bill Townsend**  
Senior Vice President  
Corporate Affairs  
**INPEX**



**Erwin Kroell**  
General Manager  
**OMV New Zealand Limited**



**Najib Gharib**  
Managing Director – Australasia  
**SLB**

#### Session Chair



**SESSION 5**  
**Brazil**

Tuesday, 31 March | 1100-1200 hours

Speakers



**Artur Watt**  
Director General  
**ANP (National Agency of Petroleum,  
Gas and Biofuels)**



**Roberto Ardenghy**  
President / CEO  
**Brazilian Petroleum & Gas Institute  
(IBP)**



**Lilian Melo**  
Executive Manager  
Research, Development and  
Innovation Centre (CENPES)  
**Petrobras**



**Tabita Loureiro**  
Technical Director  
**PPSA (Pré-Sal Petróleo S/A)**



**Suhana Sidik**  
Country Chair  
**PETRONAS Brazil**

Session Chair



## SESSION 6

### Navigating Headwinds: Japan's Path to Carbon Neutrality

Wednesday, 1 April | 1515-1615 hours

Following the 2015 Paris Agreement, Japan declared its commitment to carbon neutrality by 2050 under former Prime Minister Suga in 2020. While both public and private sectors began mobilising toward this goal, the path to carbon neutrality has become increasingly challenging due to:

- Energy security concerns arising from Russia's invasion of Ukraine in 2022
- Rising inflation and supply chain disruptions
- Adverse impact from policy shifts with the US administration change in 2025

Despite these headwinds, the fundamental need to reduce environmental impact remains unchanged, particularly as global population and energy demand continue to grow. The importance of innovative technologies has never been greater. Japanese companies are actively developing practical GHG reduction solutions and cutting-edge technologies to minimise emissions associated with oil and natural gas production.

#### Speakers



**Yohei Kawahara**  
Project Manager, BIGST  
**ENEOS Xplora**



**Takashi Hara**  
Senior Lead, Technical Unit  
Low Carbon Solutions  
**INPEX**



**Junto Endoh**  
Chief Country Representative  
Malaysia  
**Mitsui OSK Line**

#### Session Chairs



**Miyata Kazuaki**  
Project Director  
Petroleum Engineering Division  
Technology Department  
**Japan Organization for Metals and  
Energy Security (JOGMEC)**



**Noriaki Shimokata**  
General Manager  
Technical Strategy Department  
**ENEOS Xplora**



## SESSION 7

### Thailand's Energy Outlook: Offshore Growth and a Net-Zero 2065 Vision

Wednesday, 1 April | 1630-1730 hours

The panel will shed light on Thailand's strategic journey to sustain offshore oil and gas production while advancing toward its net-zero emissions goal. It will highlight pivotal developments in the Offshore Thailand region, reflecting the country's evolving energy landscape and climate commitments. The Energy Policy and Planning Office (EPPPO) will enlighten Thailand's Energy Outlook and Net 2065 Zero Pathway, outlining insights into policy directions and long-term sustainability ambitions. The Department of Mineral Fuels (DMF) will share updates on recent offshore bid rounds, showcasing opportunities for investment and exploration in Thailand. Meanwhile, PTT Exploration and Production (PTTEP) will share pioneering efforts in Carbon Capture and Storage (CCS), emphasizing Thailand's proactive steps to decarbonizing its upstream operations and the transition toward cleaner natural gas. Together, these perspectives will inspire a comprehensive understanding of how Thailand strives to balance energy security with environmental stewardship, positioning itself as a regional leader in sustainable offshore development.

#### Speakers



**Watcharin Boonyarit**  
Deputy Director General Energy  
Policy and Planning Office  
**Energy Policy and Planning Office  
(EPPPO)**



**Dr. Supalak Parn-anurak**  
Deputy Director General  
**Department of Mineral Fuels,  
Ministry of Energy, Thailand**



**Pariyachat Oonkhanond**  
Senior Vice President  
Thai Offshore 3 Asset  
**PTTEP**



**Panupun Dumrongthai**  
Managing Director  
**Schlumberger Overseas S.A.**



**Panya Surawongsin**  
Vice President  
Strategic Planning Department  
**PTTEP**

#### Session Chair



### SESSION 8

## Indonesia's Road Map: Journey to Unconventional Development

Thursday, 2 April | 1030 –1130 hours

This session outlines Indonesia's journey toward unconventional resource development through an integrated strategic lens, connecting national energy security, production sustainability, and energy-transition objectives. It emphasizes how a clear road map, supported by phased pilots, risk-based prioritization, and disciplined value assessment can convert unconventional resource potential into executable and investable development pathways.

From a technical and ecosystem-enabler perspective, the session discusses fit-for-purpose technologies for tight and low-quality reservoirs, cost-efficient development philosophies, and data-driven subsurface integration. It also highlights the importance of a coherent regulatory and institutional framework, where alignment between Government (ESDM), Regulator Institution (SKK Migas), and Operator (Pertamina) enables policy certainty, operational flexibility, capability building, and collaboration across operators, service providers, and academia to achieve scalable and sustainable unconventional development.

#### Focus Areas for Discussion:

- Strategic and National Energy Context
- Technology Pathway, Development of Tight and Low Quality Reservoir
- Capability Building and Ecosystem Readiness
- Regulatory, Fiscal Term and Commercial Viability

#### Speaker



**Oki Muraza**  
Deputy President Director  
**PT Pertamina (Persero)**



## SESSION 9

### Next Wave China: Unlocking Value in Offshore Energy and Low-Carbon Solutions

Thursday, 2 April | 1145 –1245 hours

As China advances its offshore energy ambitions, the focus is shifting towards unlocking greater value through technology innovation, operational efficiency, and low-carbon integration. This session will explore China's offshore development priorities, including progress in key basins such as Bohai Bay and the South China Sea, alongside emerging CCUS initiatives, offshore electrification, and methane reduction strategies. Industry and academic leaders will share perspectives on digital transformation, collaborative R&D, and building a resilient domestic supply chain to support long-term energy security while accelerating the transition towards lower-carbon offshore solutions.

#### Key Focus Areas:

- China's offshore strategy: Strengthening presence in key offshore basins through project collaboration, technology deployment, and operational efficiency
- Offshore development highlights: Updates on flagship projects in Bohai Bay, the South China Sea, and select international offshore ventures
- Low-carbon integration and CCUS: Progress on CCUS pilot projects, offshore electrification, methane emissions reduction, and the role of the International Carbon Capture, Utilization and Storage Technology Innovation & Cooperation Organization (ICTO)
- Digital transformation: Application of AI, automation, and smart field technologies to optimise offshore operations and enhance HSE performance
- Collaborative innovation: Perspectives from CNPC, CNOOC, SINOPEC, and partners on joint R&D, offshore service innovation, localisation, and technology scale-up
- Investment and supply chain resilience: Building a robust domestic ecosystem to support offshore energy growth, cost competitiveness, and long-term technology self-reliance

#### Speakers



**Suo Yu**  
Associate Professor  
Northeast Petroleum University



**Sun Yuanhui**  
Deputy Director  
National Key Laboratory for  
Enhances Oil and Gas Recovery  
RIPED



**Hu Ting**  
Associate Professor  
China University of Petroleum  
Beijing

#### Session Chair



**Dr. Liu He**  
Academician  
Chinese Academy of Engineering



**SESSION 10**

**Honouring the Past, Engineering the Future: How Brunei's 100-Year-Old Industry is Powering the Next Chapter**

Thursday, 2 April | 1145 -1245 hours

Speaker



**Ikae Iyoeha Brown**  
Upstream Director  
**Petroleum Authority of Brunei**  
**Darussalam**

More than 300 technical presentations will be presented across diverse technical topics curated to address the needs of offshore energy professionals and the broader industry, covering:

- Carbon and Emissions Management
- Decommissioning and Abandonment
- Deepwater
- Digital and Data
- Drilling and Completions
- Facilities Engineering and Asset Integrity
- FLNG and Floating Production Systems
- Geotechnical, Geoscience, and Geophysics
- Health, Safety, Environment and Social Responsibility
- International Standards – Simplification in Requirements
- IOR, EOR and EGR
- Marginal and Mature Fields
- Marine and Deepsea Mining
- Metocean/Hydrodynamics
- Offshore Exploration
- Production and Operations
- Project Management, Economics, and Contracting
- Reservoir Engineering and Technology

# Energy Solutions You Can Rely On.

Delivering safely, with the strength of our people, technical ingenuity, and strategic assets - wherever energy is needed.

Engineering & Construction

Operations & Maintenance

Drilling

# OUR PARTNERS

## Official Airline Partners



## Official Transit Partner



## Supporting Organisations



## Official Media Partner



## Media Partners



## Brought to you by



POWERED BY



The OTC Asia 2026 Renewables & New Energy Hub will bring together leaders, innovators, and investors shaping the next wave of offshore renewables and low-carbon solutions across the Asia-Pacific region.

Anchored around ten strategic panels, the Hub explores how technology, policy and finance are converging to accelerate deployment, strengthen resilience and advance the region's transition toward secure, diversified energy systems.

**50+**  
participating organisations

**20+**  
countries represented

**60+**  
industry leaders and expert speakers

**20+**  
sponsors and exhibitors

**500+**  
nett SQM of exhibition

**1**  
leadership dialogue

**10**  
strategic panels

**20+**  
technical presentations

## STRATEGIC THEMES



Policy Pathways for a Low-Carbon Future



Financing and Marketability



Scaling Offshore Wind in Asia Pacific



Ocean Energy and the Blue Economy



Advancing Low-Carbon Fuels



Next Generation Nuclear Solutions



Grid and Infrastructure Readiness



Energy Storage and Transport



Floating Solar



Geothermal Innovation

## DISTINGUISHED EXPERTS AND THOUGHT LEADERS



**YBrs. Puan Mareena Mahpudz**  
Deputy Secretary General (Energy)  
**Ministry of Energy Transition and  
Water Transformation (PETRA),  
Malaysia**



**Nobuo Tanaka**  
Executive Director Emeritus  
**International Energy Agency (IEA)**



**Choe Deok Hwan**  
General Manager  
**Korean Wind Energy Industry  
Association (KWEIA)**



**Dr. Will Pettitt**  
Global Lead  
Geothermal Energy and Critical  
Minerals  
**Baker Hughes**



**Rainier Halcon**  
Division Chief  
Geothermal Energy Management  
Division  
**Department of Energy - Philippines**



**Simon Seaton**  
CEO and Executive VP  
**Society of Petroleum Engineers**



**Rajiv Vishwanathan**  
Executive Director  
Project Finance  
**DBS Bank**



**Aaron Zhao**  
Co-founder  
**Rivers & Valleys**



**Vipul Shetty**  
Head of Energy Transition Solutions  
**Howden Insurance Brokers**



**Ben Darrington**  
COO  
**Dong Fang Offshore**



**Nicolas Tcherniguin**  
Vice President, Head of LNG &  
Offshore Technologies, Technology &  
Innovation  
**Technip Energies**



**Vasu Swami**  
Asia Partnership Director Carbon  
Solutions  
**GE Vernova**



**Sara Rezaee**  
R&D Director  
**Viswa Group**



**Daisuke Fujihashi**  
General Manager  
Carbon Solution Business Group  
Carbon Solution Development Unit  
**Mitsui O.S.K. Lines**



**Dr. Victor Nian**  
Founding Co-chair  
**Centre for Strategic Energy and  
Resources**



**Dwi Murray**  
Chief Executive Officer  
**PT Jawa Satu Power**



**Dr. Azrudi Mustapha**  
Managing Director  
**Clean Energy Xpeditions Sdn Bhd  
(CENERGY)**



**Dr. Julia Abdul Karim**  
Director, Technical Support Division  
**Malaysian Nuclear Agency**

## DISTINGUISHED EXPERTS AND THOUGHT LEADERS



**Raja Dato' (Dr) Raja Abdul Aziz Raja Adnan**  
Principal Advisor, eCEOs & Alypz  
Chairman, Advisory Council for  
Atomic Energy, Malaysia



**Ian Crossland**  
Commercial Director  
Mocean Energy



**Ts. Dr. Sathiabama T. Thirugnana**  
Director  
UTM Ocean Thermal Energy Centre



**Dr. Yasuyuki Ikegami**  
Director  
Institute of Ocean Energy, Saga  
University IOES



**Raymond Samson**  
Senior Science Research Specialist  
Department of Energy - Philippines



**Adnan Chaudhry**  
Senior Vice President  
Digital Grid, Grid Technologies  
Siemens Energy



**M. Huzaini Ghazali**  
Chief Strategy and Portfolio Officer  
Gentari



**Allan Ni Qing Jiu**  
Senior Director  
China Communication and  
Construction Company



**Shanmugam Thoppalan**  
Head of Grid System Operator  
Tenaga Nasional Berhad



**Gautam Reddy**  
Chief Executive Officer  
AM Green Ammonia



**Eric Chean**  
Senior Business Development  
Manager  
Yinson GreenTech



**Yongshan Xiao**  
Director of Renewables  
Asia Pacific  
DNV



**Ir Ts. Mohd Naeim Rozak**  
Project Director  
UEM Lestra



**Tunku Ishak Al Irsyad Tunku Kudin**  
Manager, Technology Delivery  
PETRONAS Research



**Yuqin Ji**  
Group CTO  
Arema Energies



**Herry Nico Siagian**  
Portfolio Manager  
PT PLN



**Takashi Matsunobu**  
Director  
Offshore Wind Technology Division  
Toda Corporation



**Kyong-Hwan Kim**  
Principal Researcher  
Eco-friendly Ocean Development  
Research Division  
KRISO (Korea Research Institute of  
Ships & Ocean Engineering)



ACCESS COMPLETE  
SPEAKER LINE-UP

# DIVERSITY, EQUITY & INCLUSION INSIGHTS



## Voices of All: Empowering Diversity, Enabling Equity

Tuesday, 31 March 2026 • 0900-1400 hours • Kuala Lumpur, Malaysia

Development Activities Sponsors



Join us at Offshore Technology Conference (OTC Asia) 2026 for the Diversity, Equity & Inclusion (DEI) Workshop, themed “Voices of All: Empowering Diversity, Enabling Equity.” This programme explores DEI challenges specific to the Asia Pacific region, highlighting innovative solutions and impactful future strategies for the energy industry.



**50+**  
participants



**10+**  
participating organisations



**10+**  
countries



**5+**  
hours of networking and  
business opportunities

# THE Next Wave

*A Programme for Young Professionals*



Wednesday, 1 April 2026 • 0900-1600 hours • Kuala Lumpur, Malaysia

## BRIDGING GENERATIONS: LEARNING FROM THE PAST, LEADING THE FUTURE

Development Activities Sponsors



The Next Wave is a programme designed for Young Professionals (YPs) under the age of 35 or with less than 10 years of experience in the energy industry. Themed “Bridging Generations: Learning from the Past, Leading the Future,” it aims to prepare the next generation of leaders by equipping them with the hard and soft skills required for a sustainable transition.



**100+**  
participants



**20+**  
participating  
organisations



**10+**  
countries



**8+**  
hours of networking and  
business opportunities

The programme will explore how existing skill sets can be repurposed, the evolving role of E&P leaders in a net-zero world, and strategies to energise the industry. Young professionals and industry experts will have the opportunity to exchange views, collaborate, and contribute to shaping a roadmap for the future, while senior leaders will share their knowledge and wisdom. This dynamic forum also provides a valuable platform for participants from diverse backgrounds and disciplines to network and exchange experiences.

HOST



PETRONAS

2026  
EXCELLENCE IN ASIA  
ADVANCING ENERGY RESPONSIBLY  
2026

**JOIN THE CONVERSATION  
REGISTER TODAY!**



[Find Out More](#)

31 March - 2 April 2026 :: Kuala Lumpur, Malaysia :: [www.otcasia.org](http://www.otcasia.org)