



Driving Local Value Creation, Technology Upgrades and Engineering Innovation in Asia's FPSO Industry

7 – 10 April 2026

Sheraton Imperial, Kuala Lumpur, Malaysia

Asia-Pacific's FPSO market is valued at **USD 13.06 billion**, with growth forecast at an **8.51% CAGR through 2030**. While global oil markets face near-term uncertainty driven by geopolitics and shifting supply dynamics, this environment is reinforcing demand for capital-efficient, flexible offshore developments. **Deepwater activity** across Malaysia, Australia, and China **continues to advance**, with **FPSOs well positioned to unlock resilient, phased growth in complex fields**.

Asia's FPSO market is also accelerating towards localisation and domestic value creation. Governments and NOCs are strengthening partnerships with regional shipyards, EPCs, and suppliers to control costs, reduce risk, and maintain execution certainty. At the same time, digital twins, modular designs, and standardised construction are enhancing operational performance and enabling next-generation FPSOs built in Asia, for Asia.

FPSO Asia Congress 2026 brings together project owners, contractors, and technology leaders to align on execution strategies, innovation priorities, and commercial outcomes. With insights into sanctioned projects, redeployments, and digital roadmaps, alongside focused networking and boardroom discussions, the Congress positions participants at the centre of Asia's offshore momentum.

What's Unique About FPSO Asia Congress 2026?

- The premier platform focusing exclusively on Asia Pacific's FPSO industry.
- Gain **exclusive access to a global network** of Oil, Energy, and FPSO professionals spanning **over 40 countries**.
- Meet decision-makers from **international and national oil companies, FPSO owners and operators, shipyards, EPCs, technology innovators, and service providers**.
- Engage directly with **senior executives, project directors, and operations leaders** driving the next wave of offshore developments across Asia.
- Gain **first-hand access to upcoming FPSO projects, regional investment opportunities, and market trends** shaping Asia's offshore future.

Private & Confidential

This agenda has been generated using AI platforms.

Confirmed Speakers:

- **Ng Jiun Huei**, Project Control Manager, **Petronas**
- **Vaibhav Jain**, Senior Manager Project Cost Controller and Estimator, **Shapoorji Pallonji**
- **Sarimah Talib**, Vice President & External Relations, **Bumi Armada**
- **Gilles Lamerie**, Group Subcontract Director, **SBM Offshore**
- **Agus Sujatmoko**, Acting Engineering Manager, **Harbour Energy**
- **Wahyudin Sunarya**, Vice President, Marketing, Legal and Business Support, **Husky-CNOOC**
- **Dirzi Zaidan**, Project Manager, **Husky-CNOOC**
- **Erwin Indrawan**, Head of Office and Project Manager, **Medco E&P Natuna Ltd.**
- **Ikhwan Sunoto**, Member Council, **SPE & MOGSC**
- **Afiqah Ali**, Supply Chain Research Lead, **Rystad Energy**
- Senior Representative, **MTC Engineering**

Main Congress Day One Wednesday, 8 April 2026	
08:00	Morning Refreshments & Registration - Sponsor Showcase Video (VPA)
08:50	Welcome Address by FPSO Asia Congress 2026
08:55	Opening Remarks by Chairperson Ikhwan Sunoto , Member Council, SPE & MOGSC
FPSO Market Outlook & Expansion in Asia Pacific	
09:00 D1S1	Panel Discussion Enabling FPSO Expansion in Asia-Pacific: Resilience, Localisation, and Execution Excellence <ul style="list-style-type: none"> Strengthening regional partnerships to deliver capital-efficient FPSO projects amid market uncertainty Aligning operators, NOCs, and contractors on governance models that accelerate approvals and execution certainty Leveraging digital collaboration, modular strategies, and standardised designs to reduce risk and shorten time to first oil <i>Moderator: Ikhwan Sunoto</i> , Member Council, SPE & MOGSC Gilles Lamerie , Group Subcontract Director, SBM Offshore
09:30	Industry Thought Leadership
10:00 D1S2	Tracking Asia’s FPSO Growth Amid Deepwater Expansion <ul style="list-style-type: none"> Highlighting offshore exploration surges in Malaysia, Australia, and China Forecasting Asia’s contribution to the global FPSO market, projected at USD 13.06 billion by 2025 Mapping sanctioned and pre-sanctioned projects across Southeast Asia Identifying key players driving regional capacity and innovation Dirzi Zaidan , Project Manager, Husky-CNOOC
10:30	Sponsor Showcase Video (VPA)
10:35	Speed Networking Session
10:50	Morning Break & Refreshments - Sponsor Showcase Video (VPA)
11:20 D1S3	From Sanction to Operations: Accelerating FPSO Delivery Across Asia Pacific <ul style="list-style-type: none"> Aligning stakeholders early to ensure a smooth transition from project sanction to execution Streamlining project delivery models to reduce delays and improve cost efficiency Strengthening operational readiness to enable faster, safer start-up and stable first production Ng Jiun Huei , Project Control Manager, Petronas
11:50	Industry Thought Leadership
Localisation & Domestic Value Creation in Asia	
12:20 D1S4	Building Competitive Advantage Through Local Fabrication and Workforce Capability <ul style="list-style-type: none"> Strengthening domestic fabrication ecosystems through skills development and strategic workforce planning Addressing manpower constraints while maintaining quality, safety, and project timelines

	<ul style="list-style-type: none"> Balancing local participation, technical expertise, and operational excellence in integrated project delivery
13:00	Lunch Break - Sponsor Showcase Video (VPA)
14:00 D1S5	<p>Unlocking Cost Efficiency Through Regional Shipyard and EPC Collaboration</p> <ul style="list-style-type: none"> Leveraging Asia’s competitive shipyard ecosystem for fabrication and integration Aligning operators and EPCs to reduce delays and cost overruns Streamlining engineering-to-fabrication workflows in local yards <p>Wahyudin Sunarya, Vice President, Marketing, Legal and Business Support, Husky-CNOOC</p>
14:30 D1S6	<p>Building Supply Chain Agility for Asia’s FPSO Projects</p> <ul style="list-style-type: none"> Identifying bottlenecks in procurement, fabrication, and delivery Adapting to shifting market dynamics and demand surges Creating more flexible contracting and sourcing models <p>Gilles Lamerie, Group Subcontract Director, SBM Offshore</p>
15:00	Afternoon Break & Refreshments - Sponsor Showcase Video (VPA)
15:30 D1S7	<p>Localising FPSO Project Economics: Strengthening Cost Control and Domestic Value Creation in Asia</p> <ul style="list-style-type: none"> Embedding localisation strategies into early-stage cost planning and project estimation Aligning cost control frameworks with regional content requirements and supplier development Balancing CAPEX optimisation with domestic value creation to improve long-term project sustainability <p>Vaibhav Jain, Senior Manager Project Cost Controller and Estimator, Shapoorji Pallonji</p>
16:00 D1S8	<p>The Battle for Yard Space: How Asia’s Shipyard Constraints Will Redefine FPSO Strategies</p> <ul style="list-style-type: none"> Market outlook on SEA FPSO market, critical vulnerabilities across the FPSO supply chain – and how delays compound The “Asia yard dependency” risk: over-reliance on a handful of yards and implications for cost escalation and delivery certainty How Asia’s yard congestion makes conversions and redeployed FPSOs attractive – and what are the emerging strategies <p>Afiqah Ali, Supply Chain Research Lead, Rystad Energy</p>
16:30 D1S9	<p>Looking Beyond 2026: What Will Shape Asia’s Next Wave of FPSOs?</p> <ul style="list-style-type: none"> Anticipating second-order impacts of today’s hotspots (Malaysia, Indonesia, Australia) How shipyard constraints and supply chain inflation will reshape project sequencing The rising role of redeployments, digital execution, and regional partnerships <p>Erwin Indrawan, Head of Office and Project Manager, Medco E&P Natuna Ltd.</p>
17:00	Chairperson’s Closing Remarks and End of Congress Day 1

Main Conference Day Two Thursday, 9 April 2026	
08:00	Morning Refreshments & Registration - Sponsor Showcase Video (VPA)
08:50	Welcome Address by FPSO Asia Congress 2026
08:55	Opening Remarks by Chairperson Ikhwan Sunoto , Member Council, SPE & MOGSC
Implementing New Technologies for FPSO Operational Excellence and Upgrades	
09:00 D2S1	Fireside Chat Digital Transformation in FPSO Operations: Unlocking Efficiency, Safety, and Performance <ul style="list-style-type: none"> Leveraging data and digital tools to optimise FPSO asset performance Minimising maintenance costs and downtime through predictive insights Strengthening operational safety and decision-making with enhanced modelling and simulation <i>Moderator: Ikhwan Sunoto</i> , Member Council, SPE & MOGSC
09:40	Industry Thought Leadership
10:10 D2S2	Modular Innovation: Upgrading FPSOs for the Future <ul style="list-style-type: none"> Accelerating retrofit schedules with modular construction approaches Lowering costs through standardised designs and components Enabling flexible upgrades to adapt to evolving field requirements
10:40	Speed Networking Session
11:00	Morning Break & Refreshments - Sponsor Showcase Video (VPA)
11:30 D2S3	Connected FPSOs: Remote Monitoring and Control <ul style="list-style-type: none"> Integrating offshore and onshore operations through advanced digital platforms Using real-time data to improve decision-making and production efficiency Enhancing safety with remote diagnostics and control systems
12:00	Industry Thought Leadership
12:00 D2S4	Autonomous FPSOs: Robotics and Automation at Sea <ul style="list-style-type: none"> Using drones and robotics for inspection and maintenance Reducing human exposure to hazardous environments Streamlining operations through automated systems
12:30	Lunch Break - Sponsor Showcase Video (VPA)
Engineering Excellence for Next-Gen FPSOs in Asia	
13:30 D2S5	Accelerating FPSO Delivery Through Advanced Engineering Design <ul style="list-style-type: none"> Modular construction approaches for faster project schedules

	<ul style="list-style-type: none"> Standardised topside layouts to cut costs and improve repeatability Aligning engineering innovation with yard and EPC capabilities
14:00 D2S6	<p>Engineering FPSOs for Next-Generation Energy Transition Needs</p> <ul style="list-style-type: none"> Designing FPSOs with decarbonisation and energy efficiency in mind Integrating renewable energy inputs into offshore operations Building adaptability into designs for future retrofits and upgrades <p>Sarimah Talib, Vice President & External Relations, Bumi Armada</p>
14:30	<p>Afternoon Break & Refreshments - Sponsor Showcase Video (VPA)</p>
15:00 D2S7	<p>Advanced Engineering: Ensuring FPSO Integrity through Maintenance and System Renewal</p> <ul style="list-style-type: none"> Strategies for flexible riser replacement to extend FPSO lifespan Maintaining asset reliability through proactive underwater inspection and repair Strengthening mooring chain management for safety and operational continuity Leveraging engineering solutions to optimise maintenance scheduling and reduce downtime <p>Agus Sujatmoko, Acting Engineering Manager, Harbour Energy</p>
15:30 D2S8	<p>Standardisation Across FPSO Projects: Boosting Efficiency and Quality</p> <ul style="list-style-type: none"> Harmonising engineering designs to improve cross-project consistency Reducing complexity in fabrication and integration phases Leveraging standardised components to lower CAPEX and OPEX
16:00 D2S9	<p>Fireside Chat</p> <p>Engineering Optimisation: Balancing Weight, Space, and Performance</p> <ul style="list-style-type: none"> Strategies for topside weight reduction without compromising capacity Space optimisation for compact FPSO layouts Material and modular innovations to improve balance and buoyancy <p><i>Moderator:</i> Ikhwan Sunoto, Member Council, SPE & MOGSC Agus Sujatmoko, Acting Engineering Manager, Harbour Energy</p>
16:30	<p>Chairperson’s Closing Remarks and End of Congress</p>

Pre-Congress Focus Day FPSO 101: Reinforcing Core Concepts for Today's Projects Tuesday, 7th April 2026		Post-Congress Focus Day Retrofit, Redeploy or Replace: Maximising Value for Ageing FPSOs & Offshore Assets Friday, 10th April 2026	
10:00	Morning Refreshments & Registration	10:00	Morning Refreshments & Registration
10:35	Welcome & Housekeeping Address	10:35	Welcome & Housekeeping Address
10:40	Commercial Realities: Navigating the Economics of FPSO Deployment <ul style="list-style-type: none"> Unpacking the key cost drivers influencing project feasibility and lifecycle value Balancing risk and reward across owners, operators, and EPC stakeholders Crafting resilient contracting and partnership models amid market volatility Afiqah Ali, Supply Chain Research Lead, Rystad Energy	Doing More with Less: Driving Cost Efficiency Across FPSO Life Extension Projects <ul style="list-style-type: none"> Optimising refurbishment scope without compromising safety or reliability Leveraging local yards and supply chains for smarter spending Embedding cost control mechanisms from engineering to execution Agus Sujatmoko, Acting Engineering Manager, Harbour Energy	
11:40	Let's Talk! Key Takeaways & Action Points We will break out into a friendly roundtable session to exchange and share key takeaways and actionable points on your learnings from the workshop. Let's learn and grow together!	Let's Talk! Key Takeaways & Action Points We will break out into a friendly roundtable session to exchange and share key takeaways and actionable points on your learnings from the workshop. Let's learn and grow together!	
12:10	Workshop Leader C's Closing Remarks	12:10	Workshop Leader C's Closing Remarks
12:20	Networking Lunch Break	12:20	Networking Lunch Break
13:20	Accelerating Turnarounds: From Lay-Up to First Oil Faster <ul style="list-style-type: none"> Streamlining classification, inspection, and conversion workflows Applying lean project management to compress schedules Overcoming logistical bottlenecks in global redeployment projects Dirzi Zaidan, Project Manager, Husky-CNOOC	Accelerating Turnarounds: From Lay-Up to First Oil Faster <ul style="list-style-type: none"> Streamlining classification, inspection, and conversion workflows Applying lean project management to compress schedules Overcoming logistical bottlenecks in global redeployment projects 	
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14:50	Closing Remarks	14:50	Closing Remarks
15:00	End of Focus Day	15:00	End of Focus Day