



Embracing Net-Zero, Energy Efficiency & Optimising Production

15 – 18 September 2025

Singapore

The FPSO industry is on a steady growth trajectory, with over 50 planned projects by 2029. Despite recent uncertain times and volatile market conditions driven by global political changes, the sector continues to move forward, fuelled by innovation and resilience. FPSO companies are adapting swiftly—navigating rising costs, including a projected 20% increase in carbon taxes from 2025 to 2026—while staying aligned with decarbonisation goals and energy efficiency targets.

Amidst these shifting dynamics, the industry remains focused on compliance, sustainability, and performance. Retrofitting existing FPSOs and developing next-generation projects are opening new doors across the supply chain, creating opportunities that blend sustainability with profitability. Tech-driven solutions are playing a pivotal role—boosting operational efficiency and reducing emissions as the sector advances toward net-zero.

The **FPSO World Congress 2025** is not just another event—it's the industry's premier hub for knowledge exchange, networking, and business development. At a time when geopolitical shifts, regulatory changes, and financial pressures are challenging the status quo, the Congress serves as a critical platform for the industry to come together, share insights, and forge collaborative solutions.


What's Unique About FPSO World Congress 2025?



- Running in its **26th year**, the FPSO World Congress 2025 is the **world's #1 and longest-standing** platform dedicated **solely to the FPSO industry**.
- Gain **exclusive access to a global network** of Oil, Energy, and FPSO professionals spanning **over 40 countries**.
- Engage with **senior and decision makers** from leading FPSO operators, contractors, and technology providers such as **Medco, Yinson, Inprocess**, and more. Our event facilitates high-level networking and strategic partnership formation.
- FPSO World Congress 2025 is the **flagship platform of the FPSO Network** backed by a community of more than **21,000 industry professionals**.



Confirmed Speakers

- **Wei Siang New**, Director (Decarbonisation & Net-Zero Pathways), **Maritime and Port Authority of Singapore**
- **Rafael Thome**, Global FPSO Product Line Director and Country Director – Brazil, **Hanhwa Offshore Singapore Pte. Ltd**
- **Bai Li Guo**, Chief Executive Officer, **Hanhwa Offshore Singapore Pte. Ltd.**
- **Fernando Pedrosa Guedes**, FPSO P-84 Project Manager, **Petrobras**
- **Lars Gunnar Vogt**, Chief Technology Officer, **Yinson Production**
- **Gilles Lamerie**, Group Subcontract Director, **SBM Offshore**
- **Thiago Freitas**, Country Manager, Brazil & VP Business Development, **Yinson Production**
- **Sreekala Kumar**, AVP – Technology, **Seatrium**
- **Erwin Indrawan**, Head of Office and Project Manager, **Medco E&P Natuna Ltd.**
- **Kirubakaran Paramasivam**, Technical Superintendent, Previously from **ADNOC Group**
- **Ajit Gupta**, Head – Mechanical Engineering, **Shapoorji Pallonji Energy**
- **Aidan Cheong**, Turret & Installation Manager, **Shapoorji Pallonji Energy**
- **Nick Wu**, Finance Manager, **Yinson Production**
- **Boris Rijnten**, Vice President, Technology, **Bluewater Energy**
- **Salami Waisu**, Asset I&E Engineer, **Seplat Energy**
- **Joseph Adetuberu**, Manager of Commercial and Operations, **Heirs Energies**
- **Oriol Millan**, Chief Executive Officer, **InProcess**
- **Khaleef Khan**, Vice President, Offshore Solutions, Energy Industries, **ABB**
- **Yogesh Agarwal**, Vice President, Digital Solutions, Energy Industries, Asia, **ABB**
- **Tan Lye (Paul) Chuan**, General Manager FPSO Product Center, **Wison New Energies**
- **Itsik Angel**, VP, Global Solution Engineering, **Ceragon Networks**
- **Ajmal Moruwat**, Vice President Sales & Market, **Imenco**
- **Sean Arnold**, Chief Revenue Officer and Head of Industrial Affairs, **Akselos**
- **Abhay Dubey**, Regional Sales Director, **Rockwell Automation**
- **Nicolay Ryste**, Principal Product Manager, **Aize**
- **Kristian Hernes**, SVP Growth, **Aize**
- **Tom Bartlett**, Partner, **Latham & Watkins**
- **Owain Davies**, Partner, **Latham & Watkins**
- **Rob Thompson**, Associate, **Latham & Watkins**
- **Dorian DELTEIL**, Executive Director – Project Finance, **DBS Bank**
- **Arthur Tay**, Director, Project Financing, **MUFG**
- **Hans Christian Rivenaes**, Head of Corporate Banking and Project Finance, **DNB Bank**
- **Pallavi Raje**, Executive Director, **Standard Chartered Bank**
- **Thais Vachala**, Vice President, Supply Chain Research, **Rystad Energy**
- **David Boggs**, Managing Director, **Energy Maritime Associates**
- **Tony Hodgkins**, Director, **Crondall Energy**



FPSO World Congress Day One
Tuesday, 16 September 2025


08:15	Morning Refreshments & Registration
08:50	Welcome Address by FPSO Network
08:55	Opening Remarks by Congress Chairperson Tony Hodgkins , Director, Crondall Energy
The Offshore Energy Market Outlook – Beyond 2025	
09:00 D1S1	Navigating the Green Wave: Global and Domestic Policies for Maritime Decarbonisation <ul style="list-style-type: none"> Singapore’s maritime decarbonisation efforts, such as through the decarbonisation of port infrastructure and harbour crafts, and development of capabilities and value chain to supply alternative fuels Global maritime decarbonisation efforts through IMO: Outcomes of MEPC 83 and what is next Importance of international collaboration through Green and Digital Shipping Corridors (GDSCs) and the IMO to advance the energy transition Wei Siang New , Director (Decarbonisation & Net-Zero Pathways), Maritime and Port Authority of Singapore
09:30 D1S2	Advancing Offshore Operations with Process Simulation <ul style="list-style-type: none"> Enhancing safety, efficiency, and profitability through advanced simulation Integrating digital twins for real-time operational insights and optimisation Developing operator training systems to improve workforce readiness and performance Oriol Millan , Chief Executive Officer, InProcess
10:00 	Morning Break & Refreshments Take a break and use this time to network with your fellow industry peers at our Exhibition Hall!
Pathway to Net-Zero: Advancing Sustainability in Future FPSO Projects	
10:30 D1S3	Industry Discussion A Roadmap to Net Zero in the Offshore Energy Industry This session will provide a comprehensive overview of the path to net zero emissions in the offshore energy sector. It will explore the role of emerging technologies, such as carbon capture and storage, hydrogen, and renewable energy. <ul style="list-style-type: none"> Examining practical steps the offshore energy industry can take to reduce emissions, such as electrification, carbon capture and storage (CCS), and fuel switching Assessing how cutting-edge technologies can enhance efficiency, reduce emissions, and accelerate the offshore industry's transition to net zero Discussing how the sector can leverage its expertise, infrastructure, and resources to lead the energy transition through innovation, strategic investments, and policy alignment Moderator: David Boggs , Managing Director, Energy Maritime Associates Rafael Thome , Global FPSO Product Line Director and Country Director – Brazil, Hanhwa Ocean Aidan Cheong , Turret & Installation Manager, Shapoorji Pallonji Energy


11:00 D1S4	Innovative Strategies for Fast-Track Offshore Development: Balancing Sustainability, Efficiency, and Profitability <ul style="list-style-type: none"> Fast-track unmanned WHP execution from FEED to RFD in 21 months using innovative contracting and procurement strategies. Optimise costs and efficiency with early procurement, fabrication optimisation, and a Permanent Drill Deck (PDD). Enhance sustainability with solar PV, remote control, and GHG reduction for responsible offshore development Erwin Indrawan , Head of Office and Project Manager, Medco E&P Natuna Ltd.
11:30 D1S5	The Future is Hybrid: Navigating Offshore Energy with Digital Solutions <i>This session looks at the future of offshore energy, where hybrid systems powered by digital solutions help you work smarter, cut emissions, and move confidently toward sustainable operations. We will explore how to:</i> <ul style="list-style-type: none"> Boost productivity in new offshore projects with digitalisation built on proven conventional solutions Decarbonise your existing assets by integrating renewable energy sources Build a resilient and optimised energy system to confidently support the global energy transition Khaleef Khan , Vice President, Offshore Solutions, Energy Industries, ABB Yogesh Agarwal , Vice President, Digital Solutions, Energy Industries, Asia, ABB
12:00 D1S6	Green FPSO: Carbon Capture and Electrification <ul style="list-style-type: none"> Integrating carbon capture technology in FPSO operations Electrification and renewable energy solutions for offshore oil & gas production Digital twin operations for emission monitoring & reduction Emission reduction through efficient energy management system Sreekala Kumar , AVP – Technology, Seatrium
12:30 	Speed Networking Session Join us in this Speed Networking Session where you will be able to meet other participants at the Congress! During this session, you will have the opportunity to engage with several leaders in a short amount of time and exchange business cards to take conversations beyond the Congress.
12:50 	Lunch Break Take a break and use this time to network with your fellow industry peers at our Exhibition Hall!
13:50 D1S7	FPSO Leaders Panel Discussion Exploring the Future of FPSOs: Innovative Ways to Reduce Emissions and Enhance Energy Efficiency <ul style="list-style-type: none"> Examining advanced technologies to optimise FPSO energy consumption and reduce emissions Exploring innovative solutions for increasing energy efficiency and implementing low-carbon technologies in FPSO operations Addressing integration challenges and synergies between new technologies to improve FPSO performance and minimise environmental impact Moderator: Tan Lye (Paul) Chuan , General Manager of FPSO Product Center, Wison New Energies Panelists: Lars Gunnar Vogt , Chief Technology Officer, Yinson Production Boris Rijnten , Vice President, Technology, Bluewater Energy Bai Li Guo , Chief Executive Officer, Hanhwa Offshore Singapore Pte. Ltd. Erwin Indrawan , Head of Office and Project Manager, Medco E&P Natuna Ltd.

14:30 D1S8	Shaping the Future of Offshore Operations: Private LTE & Stabilised Connectivity for FPSOs and Beyond <i>Revolutionising offshore operations with private LTE/5G and stabilised wireless networks—enabling safer crews, autonomous vessels, and smarter global maritime logistics.</i> <ul style="list-style-type: none"> Discover how private LTE slashes offshore equipment needs by 90% while boosting safety, compliance, and future-ready 5G integration. See autonomy in action: wireless-stabilised vessels achieving uninterrupted 24/7 operations despite harsh pitch, yaw, and roll conditions. Uncover how next-gen offshore connectivity is redefining efficiency, safety, and global trade opportunities. Itsik Angel , VP, Global Solution Engineering, Ceragon Networks
15:00 D1S9	FPSOs for Low-Carbon Energy: Integrating Ammonia, Methanol, and Full-Electric Solutions <ul style="list-style-type: none"> Exploring the role of ammonia and methanol as low-carbon fuel alternatives for FPSOs: production, storage, export, and onboard power generation to reduce emissions Examining the feasibility, benefits, and technological advancements driving the shift toward fully electrified FPSO operations Evaluating the economic and operational implications of integrating alternative fuels and electrification in FPSOs Ajit Gupta , Head – Mechanical Engineering, Shapoorji Pallonji Energy
15:30 	Afternoon Break & Refreshments Take a break and use this time to network with your fellow industry peers at our Exhibition Hall!
16:00 	Day 1 Prize Giveaway & Lucky Draw Visit our Exhibition Hall, learn more about partners of the FPSO World Congress and you stand a chance to win prizes proudly sponsored by our partners!
16:15	Intermission – Back to Plenary Hall
16:20 D1S10	PACU™: Smart Corrosion Protection for Deepwater Mooring Chains <i>This session explores how PACU™ is transforming mooring chain maintenance with wireless CP live monitoring, enhancing corrosion protection and ensuring long-term asset reliability in offshore environments.</i> <ul style="list-style-type: none"> Preventing Corrosion-Related Damage & Extending Chain Lifespan Leveraging Wireless CP Monitoring for Real-Time Protection Reducing Costs & Avoiding Unplanned Mooring Chain Replacements Ajmal Moruwat , Vice President Sales & Market, Imenco
16:50 D1S11	The Evolving Role of FPSOs in the Energy Transition <ul style="list-style-type: none"> Evaluating the economic viability of FPSOs in a low-carbon future and emerging cost-saving technologies Exploring FPSOs as offshore hubs for renewable energy generation, storage, and distribution Advancing field electrification through FPSOs to integrate renewable sources and reduce emissions David Boggs , Managing Director, Energy Maritime Associates
17:20	Chairperson's Closing Remarks - Tony Hodgkins, Director, Crondall Energy
17:30	World Offshore Week 2025 – Happy Hour Networking Drinks at the Premium Visitor Lounge!
18:30	End of Congress Day 1


FPSO World Congress Day Two
Wednesday, 17 September 2025

08:15	Morning Refreshments & Registration
08:50	Welcome Address by FPSO Network
08:55	Opening Remarks by Congress Chairperson Tony Hodgkins , Director, Crandall Energy
Retrofitting Existing FPSOs to Lower Emissions	
09:00 D2S1	Market Intelligence Navigating Market Trends and Unlocking Investment Opportunities in the FPSO Sector: Adapting to the Energy Transition <ul style="list-style-type: none"> Evaluate global FPSO market dynamics, focusing on trends and regional hotspots where investment opportunities are emerging in the context of the energy transition Assess the influence of geopolitical changes and evolving ESG policies on the profitability, risk profiles, and long-term sustainability of FPSO projects Investigate the impact of shifting global energy demands, financing models, and decarbonisation strategies on future FPSO investments and market viability Thais Vachala , Vice President, Supply Chain Research, Rystad Energy
09:30 D2S2	Unlocking FPSO Efficiency: Real-Time Structural Intelligence for Maximum Asset Value & Lower Emissions <ul style="list-style-type: none"> Protect and Boost Production — Ensure hull and topside integrity in real time to prevent costly downtime Slash OPEX, Extend Asset Life — Predict and target maintenance where it matters most De-Risk Life Extension & Redeployment — Use AI-driven structural performance insights to safely operate beyond design limits while reducing embodied and operational emissions Sean Arnold , Chief Revenue Officer and Head of Industrial Affairs, Akselos
10:00 D2S3	Why lease and operate with Yinson Production? <ul style="list-style-type: none"> How Yinson delivers operational excellence and uptime through its lease-and-operate approach Structuring contracts to align risk, responsibility, and reward across the project lifecycle Embedding digital innovation and sustainability into FPSO operations for future-ready performance Thiago Freitas , Country Manager, Brazil & VP Business Development, Yinson Production
10:30 	Speed Networking Session Join us in this Speed Networking Session where you will be able to meet other participants at the Congress! During this session, you will have the opportunity to engage with several leaders in a short amount of time and exchange business cards to take conversations beyond the Congress.
10:50 	Morning Break & Refreshments Take a break and use this time to network with your fellow industry peers at our Exhibition Hall!

11:20 D2S4	FPSO Challenges and Opportunities on Petrobras Business Plan Implementing <ul style="list-style-type: none"> Evaluating Petrobras' FPSO expansion strategy within its long-term business plan Key challenges in financing, local content, and regulatory compliance Opportunities for innovation, partnerships, and operational efficiency gains Fernando Pedrosa Guedes, FPSO P-84 Project Manager, Petrobras
Digital Innovation in FPSOs: Enhancing Performance & Maintenance	
11:50 D2S5	Digital Twin: Follow your Asset from Cradle to Grave <i>In this presentation, Nicolay discusses the benefits of digital twins in optimising asset performance, minimising downtime, and enhancing decision-making processes in various industries.</i> <ul style="list-style-type: none"> How can a Digital Twin transform the way you work across EPC, Pre-Ops and Operations Why a System of Insight is the perfect match for your existing Systems of Record Remote working Use Case - Being in the Twin is even better than being on the ground Nicolay Ryste, Principal Product Manager, Aize Kristian Hernes, SVP Growth, Aize
12:20 D2S6	Modernising Brownfields: Unlocking Value Through Digital Transformation & AI <ul style="list-style-type: none"> Crafting a cost-effective digital roadmap for legacy FPSO assets Overcoming data integrity gaps and streamlining offshore workflows Accelerating adoption: How AI, robotics, and new tech are reshaping brownfield operations Boris Rijnten, Vice President, Technology, Bluewater Energy Services
12:50 	Lunch Break Take a break and use this time to network with your fellow industry peers at our Exhibition Hall!
13:50 D2S7	Hanwha Offshore Singapore - A Stronger Partner for the Future of FPSO Players <ul style="list-style-type: none"> Reintroducing HOS under Hanwha – stronger, smarter, and future-ready for the next generation of FPSOs Leveraging Hanwha's global scale to deliver greater value and specialised package solutions for operators Driving growth through proven project success, efficiency gains, and enhanced execution excellence Bai Li Guo, Chief Executive Officer, Hanhwa Offshore Singapore Pte. Ltd.
14:20 D2S8	Rockwell Automation: Transforming FPSO Operations with Digitalisation and Automation <ul style="list-style-type: none"> Maximising FPSO Efficiency through Rockwell Automation's Real-Time Data and Control Systems Enhancing Safety and Reliability with Rockwell Automation's Integrated Solutions Reducing Downtime and Costs with Rockwell Automation's Digital Twin Technology Abhay Dubey, Regional Sales Director, Rockwell Automation

14:50 D2S9	Data Analytics and Visualisation for FPSO Performance Improvement <ul style="list-style-type: none"> Utilising big data analytics to optimise FPSO performance Developing advanced data visualisation tools for operational insights Integrating data analytics with decision support systems Salami Waisu , Asset I&E Engineer, Seplat Energy
15:20 	Afternoon Break & Refreshments Take a break and use this time to network with your fellow industry peers at our Exhibition Hall!
16:00	Day 2 Prize Giveaway & Lucky Draw Visit our Exhibition Hall, learn more about partners of the FPSO World Congress and you stand a chance to win prizes proudly sponsored by our partners!
16:10	<i>Intermission – Back to Plenary Hall</i>
16:15 D2S10	Shaping the Next Generation of FPSO Operations with Data & Sustainability <ul style="list-style-type: none"> Leveraging analytics to boost efficiency, reduce downtime, and optimise fuel consumption How data-driven insights can support a gradual shift towards cleaner energy sources on FPSOs Practical considerations: balancing operational performance with decarbonisation goals Looking ahead: what a digitally enabled, low-carbon FPSO might look like in the coming decade Joseph Adetuberu , Manager of Commercial and Operations, Heirs Energies
16:45 D2S11	Fireside Chat Optimising FPSO Decarbonisation: Enhancing Efficiency, Sustainability, and Performance <ul style="list-style-type: none"> Leveraging advanced technologies to optimise energy use, reduce carbon emissions, and drive decarbonisation across FPSO projects Implementing systems to enhance production efficiency, streamline processes, and support sustainability efforts on existing FPSOs Using predictive maintenance strategies to forecast maintenance needs, prolong asset life, and ensure efficient, low-emission performance in FPSO operations Moderator: Tony Hodgkins , Director, Crondall Energy Salami Waisu , Asset I&E Engineer, Seplat Energy Kirubakaran Paramasivam , Technical Superintendent, Previously from ADNOC Group
17:15	Chairperson's Closing Remarks Tony Hodgkins , Director, Crondall Energy
17:20	End of FPSO World Congress 2025

Pre-Congress Focus Day Green Financing Monday, 15 September 2025		Post-Congress Focus Day FPSO Life Extension & Redeployment Thursday, 18 September 2025	
10:00	Morning Refreshments & Registration	10:00	Morning Refreshments & Registration
10:30	Welcome & Housekeeping Address	10:30	Welcome & Housekeeping Address
10:35	Chairperson Opening Address Arthur Tay , Director, Project Financing, MUFG	10:35	Chairperson Opening Address
10:40 Pre S1	Fireside Chat Overcoming Barriers to Green Financing in FPSO Projects <ul style="list-style-type: none"> Experts from financial institutions, offshore energy companies, and regulators discuss the challenges and solutions in securing green finance for FPSO projects Exploring the role of innovation in unlocking new funding models for sustainable FPSOs Insights into future trends and collaborative efforts required to scale up green financing for FPSO projects <i>Moderator:</i> Dorian DELTEIL , Executive Director – Project Finance, DBS Bank Hans Christian Rivenaes , Head of Corporate Banking and Project Finance, DNB Bank	10:40 Post S1	FPSO Redeployment and Newbuilt Projects: Main Contractors & Yards Collaboration – Shared Success Strategies <ul style="list-style-type: none"> How yards and contractors are responding to market shifts such as consolidation, asset scarcity, and tight project pipelines through strategic planning and capacity management The shift from transactional to strategic partnerships, with emphasis on joint performance metrics and hybrid risk-sharing models Leveraging collaboration as a competitive advantage through shared digital platforms, industry standards, and innovative project delivery approaches Gilles Lamerie , Group Subcontract Director, SBM Offshore
11:20 Pre S2	Maximising Funding Opportunities for FPSO Projects <ul style="list-style-type: none"> Ensuring participation of private credit in FPSO project financings by exploring strategies to maximise liquidity and access diverse funding sources. Adapting to decarbonisation constraints impacting ECAs and evolving project funding structures, with insights from case studies involving private credit providers. Developing FPSO procurement and contracting strategies to enhance access to funding sources Tom Bartlett , Partner, Latham & Watkins Owain Davies , Partner, Latham & Watkins Rob Thompson , Associate, Latham & Watkins		

11:50 Pre S3	From Compliance to Competitive Advantage: How Green Financing Transforms FPSO Stakeholder Value <ul style="list-style-type: none"> How green financing frameworks can unlock capital for sustainable FPSO projects Aligning stakeholder expectations with long-term environmental and financial returns Building partnerships that drive value creation across operators, financiers, and local communities Nick Wu, Finance Manager, Yinson Production	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!
12:30 	Lunch & Networking Break Take a break and use this time to network with your fellow industry peers!	12:10	Lunch & Networking Break Take a break and use this time to network with your fellow industry peers!
13:30 Pre S4	Transition Transaction Framework: Enabling the Energy Shift in FPSOs <ul style="list-style-type: none"> Role of transition finance in balancing decarbonisation and operational feasibility SCB's approach of applying Transition Finance Framework to FPSO projects Financial structuring challenges for FPSOs in a low carbon future Pallavi Raj, Executive Director, Standard Chartered Bank	13:10 Post S2	Repurposing with Purpose: Transforming FPSOs for New Roles <ul style="list-style-type: none"> Innovative ways to repurpose FPSOs for different operational purposes (e.g., floating storage, gas processing, etc.) Understanding the technical and financial implications of converting FPSOs for new functions Case studies of FPSOs given second life in alternate roles Kirubakaran Paramasivam, Technical Superintendent, Previously from ADNOC Group
14:10 Pre S5	Unlocking Liquidity with Green Financing for Floating Infrastructure <ul style="list-style-type: none"> Exploring how green finance mechanisms can unlock new sources of capital for FPSOs and other floating infrastructure projects, including offshore wind, FLNG, and storage units How ESG criteria and sustainability-linked instruments are shaping bankability and attracting long-term investors Bridging the gap – strategies to scale financing and ensure sufficient liquidity for capital-intensive offshore projects in the energy transition Arthur Tay, Director, Project Financing, MUFG		
14:50	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!	14:10	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!
15:10	Chairperson Closing Remarks and End of Focus Day Arthur Tay, Director, Project Financing, MUFG	14:40	Chairperson Closing Remarks and End of Focus Day