



**OFFSHORE
DIGITAL**
OIL, ENERGY & MARINE

DIGITALISING OFFSHORE OPERATIONS TO ENHANCE EFFICIENCY, SAFETY & SUSTAINABILITY

11-12 September 2024 | Singapore EXPO

WELCOME TO OFFSHORE DIGITAL: OIL, ENERGY & MARINE

**Dear
Industry
Colleagues,**

According to industry reports, digital technologies can improve upstream operational efficiency by up to 20% and reduce operational costs by up to 15%. In addition, remote operations powered by technology are expected to reduce offshore manning by up to 30%. Offshore Digital Oil & Gas refers to the application of digital technologies and data-driven solutions in the exploration, production, and operation of oil and gas assets located in offshore environments, such as deepwater drilling platforms, floating production systems, and subsea installations.

A part of the 2nd edition of World Offshore Week, Offshore Digital Oil & Gas will gather top IT, Technology, Information, Digital and Operations leaders from Oil Producers, Offshore Vessel Owners, Shipping and Maritime Companies, EPCs, Shipyards and more to discuss best practices in digitalising offshore oil and gas operations aims to enhance efficiency, safety, sustainability, and decision-making across the entire asset lifecycle.

Join us on 11-12 September 2024 in Singapore to Digitalise Offshore Operations to Enhance Efficiency, Safety & Sustainability.

I look forward to meeting you in-person in September 2024!

Best regards,

Jamie Tan

Portfolio Director
World Offshore Week



WHO WAS THERE IN 2023?

Some of the notable organisations who attended our previous edition include:

- BW Offshore
- Bumi Armada
- DNV
- Equinor
- MODEC
- Nathalin Shipping
- Petronas
- Seatrium
- Woodside Energy

*The above companies have been arranged in alphabetical order, and is only a sample of the full list of registered companies to World Offshore Week 2023.

Job Function:

- Systems Completion Lead
- Remote Operations Manager
- Director of Technology & Service Development
- Production Systems, Digital Program Manager
- Senior Instrument Engineer
- Senior Telecom Engineer
- Chief Information Officer



1000+ Visitors,
600+ Unique
Companies, **40+**
Countries



Over **60%** of
registrants are
directly involved in
offshore projects &
operations



Top **3** investment
solutions are
Power & Energy
Efficiency, Topsides
& Equipment
Providers,
EPCs & Project
Management



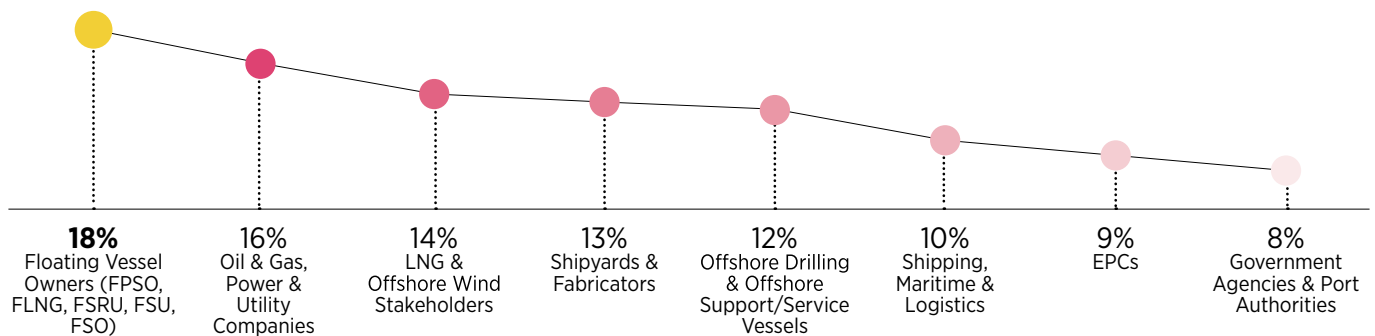
73% of registrants
have strong
influence in
investment
decisions for
offshore projects



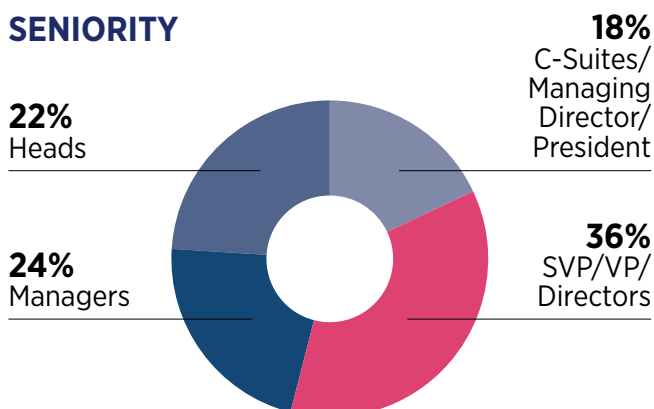
1 in 5 registrants
hold C-Level /
Managing Director
/ Director level
positions

WHAT YOU CAN EXPECT?

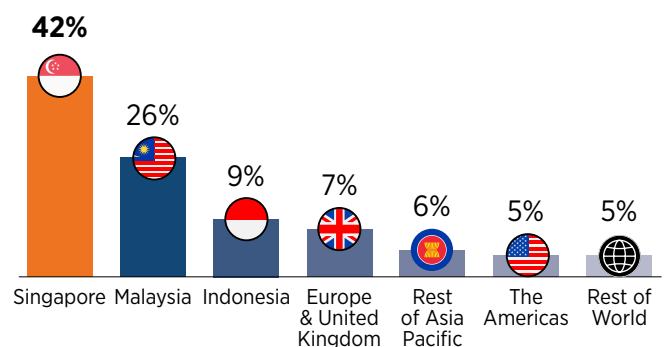
INDUSTRY



SENIORITY



GEOGRAPHY



AGENDA

Offshore Digital Oil & Gas Day One Wednesday, 11 September 2024	
09:00	Registration
09:30	Welcome & Housekeeping Address
09:35	Chairperson Opening Address
09:40	Digital Transformation in Offshore Oil & Gas: Trends and Outlook <ul style="list-style-type: none"> □ Global Digitalization Trends in Offshore Oil & Gas: Exploring the current state of digital transformation in offshore operations and the future trajectory □ Discussing how Offshore Digital Oil & Gas aligns with energy transition and sustainable practices □ Market Drivers and Investment in Offshore Digitalization: Analyzing the factors driving digital investment in offshore oil and gas projects
10:20	Industry Thought Leadership Senior Representative, ITC Global
11:00	Role of Digitalization in Energy Transition <ul style="list-style-type: none"> □ Digitalization optimizes energy production, distribution, and consumption, maximizing resource efficiency and reducing waste □ Digital technologies enable seamless integration of renewable energy sources into existing grids, facilitating the transition to cleaner energy □ Digitalization provides real-time data for informed decision-making, helping industries adapt and accelerate their shift towards sustainable practices
11:40	Break
12:10	Navigating Challenges in Digitalisation for Offshore Oil and Gas Operations <ul style="list-style-type: none"> □ Addressing the complexities of integrating diverse digital technologies, such as IoT, data analytics, and AI, into offshore oil and gas operations □ Discussing challenges related to interoperability, data standardization, and ensuring seamless communication between different systems □ Exploring strategies to overcome integration hurdles and create a cohesive digital ecosystem that enhances operational efficiency
12:50	Case Studies: Successful Implementation of Offshore Digital Oil & Gas <ul style="list-style-type: none"> □ Digital Transformation Success Stories: Showcasing case studies of offshore projects that successfully implemented digital solutions to enhance performance □ Lessons Learned from Digital Initiatives: Discussing challenges faced and lessons learned during the adoption of digital technologies in offshore operations
13:30	Break
14:00	Optimizing Offshore Production and Reservoir Management <ul style="list-style-type: none"> □ Showcasing advanced reservoir modeling techniques to optimize production □ Automation and Optimization of Production Processes: Exploring how automation and digital optimization enhance production efficiency and reduce operational costs □ Digital Solutions for Well Management and Drilling Operations: Discussing the role of digital technologies in improving well management, drilling efficiency, and exploration success
14:40	Enhancing Offshore Safety and Asset Integrity through Digital Solutions <ul style="list-style-type: none"> □ Predictive Maintenance and Asset Reliability: Highlighting how predictive maintenance using digital tools improves asset performance and reduces downtime □ Real-time Monitoring and Remote Operations: Exploring how remote operation centers ensure real-time monitoring, enhance safety, and optimize operational control □ Discussing subsea monitoring technologies and their role in ensuring the integrity of assets
15:20	Chairperson Closing Remarks
15:30	End of Offshore Digital Oil & Gas Day One

AGENDA

Offshore Digital Oil & Gas Day Two Thursday, 12 September 2024	
09:00	Registration
09:30	Welcome & Housekeeping Address
09:35	Chairperson Opening Address
09:40	IoT and Connectivity in Offshore Environments <ul style="list-style-type: none"> Exploring the integration of IoT devices and sensors in offshore environments to capture real-time data from equipment, structures, and systems Discussing how IoT enhances asset monitoring, predictive maintenance, and performance optimization in remote offshore facilities Showcasing case studies that highlight the benefits of IoT implementation, including cost savings, reduced downtime, and improved safety
10:20	Industry Thought Leadership
11:00	Challenges and Solutions in Offshore Connectivity <ul style="list-style-type: none"> Addressing the connectivity challenges inherent to offshore environments, where reliable communication networks are crucial for data transmission Discussing solutions for establishing robust and resilient connectivity, including satellite communication, subsea cables, and hybrid networks Exploring technologies that enable seamless data transfer between offshore platforms, onshore centers, and cloud-based systems
11:40	Break
12:10	Remote Monitoring and Digitalization on Offshore Facilities <ul style="list-style-type: none"> Digital Transformation in Offshore Operations: Highlighting the role of digital technologies in transforming offshore facilities into smart, interconnected assets Integrating sensors, IoT, and data analytics for real-time monitoring and decision-making Showcasing benefits such as improved operational visibility, reduced downtime and enhanced safety
12:50	Data Management and Integration in Offshore Operations <ul style="list-style-type: none"> Data Analytics and Machine Learning for Offshore Assets: Showcasing how data analytics and machine learning optimize production, maintenance, and asset integrity Digital Twin Technology for Offshore Assets: Exploring the concept of digital twins and their application in creating virtual models of offshore facilities Integrated Data Platforms for Holistic Asset Management: Discussing strategies for integrating data from various sources to enhance decision-making and operational efficiency
13:30	Break
14:00	Cybersecurity and Digital Risk Management in Offshore Operations <ul style="list-style-type: none"> Cybersecurity Strategies for Offshore Assets: Addressing cybersecurity challenges and best practices for safeguarding digital systems and critical infrastructure Digital Risk Assessment and Mitigation: Discussing methods for identifying and mitigating digital risks associated with offshore operations
14:40	Data Security and Cybersecurity <ul style="list-style-type: none"> Highlighting the importance of safeguarding sensitive data and digital assets in offshore operations Discussing the unique cybersecurity challenges faced by offshore facilities Exploring measures, protocols, and best practices to mitigate cyber risks and ensure the resilience of digital systems in offshore environments
15:20	Chairperson Closing Remarks
15:30	End of Offshore Digital Oil & Gas

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SPONSORSHIP OPPORTUNITIES

World Offshore Week is the #1 mega show bringing together all industry stakeholders impacting the offshore oil and gas sector. This leading platform is the focal point for the offshore industry to discuss best practices and latest solutions in transforming the future of offshore energy. If you provide these solutions, we can work together with you to design the most suitable strategy to meet your objectives:



Offshore Communications



Remote Monitoring Technology



Industrial Automation & Control Systems



Data Analytics & Cyber Security Solutions

BE POSITIONED RIGHT-IN-FRONT OF THE OFFSHORE OIL, ENERGY & MARITIME LEADERS AND DECISION MAKERS:



DEMONSTRATE THOUGHT LEADERSHIP

Position your cost-effective, innovative solution in front of active project owners and decision makers through our Speaking Sessions and deep-dive into some of the biggest issues by facilitating our panel discussions.



SHOWCASE YOUR SOLUTIONS – FRONT & CENTRE

Book an Exhibition Booth and demonstrate first-hand how your product/service is the solution to their problem.



NETWORK & GENERATE LEADS FOR YOUR BUSINESS

Optimize your networking opportunities and get right in front of key decision makers.



BOOST INDUSTRY VISIBILITY & CORPORATE BRANDING

Enhance your corporate profile and branding by hosting a Cocktail Reception, Delegate Wellness Corners or one of our Networking Breaks – the most conducive time for you to interact with your prospects. Also remain front-of-mind of your target audience by sponsoring our Delegate Bags, Lanyards, Pens, Notepads and more!



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