

SAFETY CONFERENCE 2025 PROGRAMME

Day 1 – Current Safety Challenges in the O&G Industry

Vessel Access

Despite significant progress in improving vessel access safety, dangerous incidents continue to occur. This session provides a global perspective, looking to reinforce the importance of safe practices and proper oversight when accessing vessels. Industry experts will share key insights into recent advancements, highlight remaining challenges, and discuss practical strategies for achieving a consistently safer industry moving forward.

Minimum standards for work conditions on board vessels

This session will address the essential standards for work conditions that inspectors should expect while staying aboard third-party vessels, especially during extended stays. The presentation will explore the legal frameworks that define these expectations, discuss real-world examples from industry inspectors, and outline the responsibilities of vessel owners and operators in ensuring safe, comfortable, and compliant conditions for third-party personnel.

Human behavioural aspects of Safety

This session will delve into the critical human behavioural aspects that shape safety practices, fostering an engaging discussion with diverse perspectives from stakeholders in the petroleum and inspection industries. By keeping the human element at the centre, the session will explore strategies for advancing safety development and improvement and will emphasize the importance of understanding and addressing human behaviour to create safer environments.

Day 2 – Future Safety Challenges in the O&G Industry

Harmonized Pre-Work Checklists

This session will explore the challenges arising from heterogeneous approaches to pre-work checklists for at-risk activities, with experts from the O&G and Inspection industry discussing potential strategies for developing standardized approaches to ensure consistency for end-users operating across multiple facilities. Participants will be invited to discuss how a potential standardization effort on pre-work checklists may be conducted with the aim to strengthen governance, oversight, and ultimately, safety within the Petroleum and Petrochemicals Industry

Fuelling the Future: Safe Handling and Awareness of New and Future Fuels

As ESG compliance and global investment in sustainable alternatives to petroleum and petrochemical-based fuels grow, it is essential to understand the potential risks associated with these alternative energy sources. This session will challenge the perception that these alternatives are inherently "safer" and will delve into the safety challenges and implications of the new and innovative fuels poised to enter the market in the coming years.

This session will cover:

1. **Hydrogen:** An in-depth examination of the hydrogen value chain, focusing on both known and anticipated risks and hazards, as well as methods to ensure quality and safety. The presentation will delve into the key drivers for hydrogen certification, the complexities of transportation, and the comparative risks associated with various distribution methods.
2. **CCS/CCU:** An exploration of Carbon Capture and Storage (CCS) and Carbon Capture and Utilization (CCU) technologies, emphasizing their role in decarbonizing the Petroleum and Petrochemical Industry, and addressing the existing risks and hazards associated with carbon dioxide transportation.

3. **PPE and Sampling Equipment:** An expert discussion on the personal protective equipment and specialized sampling tools required for handling new fuels and cargoes, addressing challenges distinct from those encountered during the adoption of LNG.