



London and South of England Evening Meeting

Simpler, Leaner, Smarter – The Subsea 2.0™ Product Platform for iEPCITM Project Execution

Thursday 9 May 2019

Registration 17:30 - Presentations 18:00

Technip FMC, One St. Pauls Churchyard, London

Registration Fees

This event is free to attend but booking is essential. Register online at www.sut.org/events

Subsea 2.0™, a revolutionary product platform that makes subsea projects simpler, leaner and smarter. When combined with iEPCITM, the company's powerful integrated approach to field architecture and project execution, Subsea 2.0 improves project economics and unlocks first oil and gas faster.

TechnipFMC introduced iEPCITM to transform subsea projects throughout the entire process of full field development. The value proposition integrates front-end design and life of field to streamline project execution. Now TechnipFMC has gone one step further by bringing together expert teams to rethink how subsea production could be even more efficient.

The result is Subsea 2.0™, a product platform made up of six core products designed by combining field-proven and new technologies. The core products include the compact tree, compact manifold, flexible jumpers, distribution, controls and horizontal connectors. The smaller, lighter products achieve up to a 50% reduction in size, weight and part count, while maintaining the same or better functionality.

TechnipFMC has invested heavily in the research and development of Subsea 2.0™ and designed it specifically to accommodate iEPCITM using LEAN product and process engineering. Further, the product platform has been standardized at the component level for configuration to client needs and optimized to improve performance over the life of the field. This new “configure to order” model means there is a 70%-90% reduction in manual activities during the production process, reducing hardware delivery time for clients. With Subsea 2.0™, it is possible to achieve zero hours of product engineering after the contract has been formalized.

Presented by Peter Hayward

With an eclectic background in manufacture, design and automation Peter started in subsea in 2000 with Kvaerner (latterly Aker Solutions) as a Controls Package Engineer in London. A move to Aberdeen followed, along with working assignments in Australia, Norway and the US on project delivery, standardisation, and tender support.

Peter joined Cameron as part of their tendering hub in Leeds in 2007. Eventually following the Erha North Phase 2 project through tender, clarification and two years of project delivery based in Nigeria. On returning to Cameron (by now OneSubsea) in the UK, Peter joined the front end group in Weybridge as a System Engineer.

In 2014 Peter moved to FMC to join their Field Development Group in Woking. His first day was spent in Norway for the announcement of Forsys Subsea, the pioneering joint venture between FMC Technologies and Technip to integrate SURE, SPS and installation disciplines at the front end. Forsys Subsea was the successful engagement prior to marriage of these two companies which merged in January 2017 to form TechnipFMC, with the fully integrated capability to deliver ever leaner projects.

In 2018 Peter has been based in Paris leading a global team on a field development study, applying the Subsea2.0™ product portfolio and iEPCITM philosophy to deliver an innovative production system at the lowest achievable installed cost.

