

Can Offshore Operations be Environmentally Sustainable?

The Society for Underwater Technology, THS:UKI Scotland Branch & The International Marine Contractors Association are pleased to announce our programme for our joint seminar.

Sustainability is an increasingly discussed topic in the offshore energy industry, with terms like Net-Zero operations, electrification, carbon capture, renewable energy, alternative fuels and remote operations all critical to the overall sustainability goal.

How can offshore operations be as environmentally sensitive as possible?

| PROGRAMME | | |
|-------------------------------------|---------------------------------------|--|
| 09:00 - 09:15 | | Introduction Keynote Speaker - Ross Dornan (OEUK) |
| 09:15 - 10:30 | | ELECTRIFICATION |
| Bodhi Sarkar | Glasgow Caledonian University/Verlume | Co-Location of Hybrid Offshore Renewable for Off-Grid Electrification: Case Study on North Sea Assets |
| Julien Manach | Subsea 7 | Comparison between an integrated all-electric subsea production system and a standard electro-hydraulic system |
| 11:00 - 12:15 | | ENVIRONMENTAL PROTECTION |
| Peter Toxopeüs | Fugro | Moving to Net-Zero - the role of alternative fuels |
| Kris Vedat | P&O Maritime | FlexDelivery Optimising Offshore Logistics |
| Gregor Strachan | Oceaneering | Protecting Marine Mammals: Improving Accuracy of Identification and Safely Increasing Operational Windows |
| 12:15 - 13:15 | | LUNCH |
| 13:15 - 13:30 | | IMCA Update - Mary Ntamark |
| 13:30 - 14:45 | | OPTIMISATION & REMOTE OPERATIONS |
| John Murray | FutureOn | Optimising offshore wind farm design by contextualising key data layers in a design digital twin |
| Charlie Reith & Dr Ciprian Zavoianu | SeaFlo Services | Remote Maritime Operations Augmented by Intelligent Asset Digital Twin Technology and Low Touch Energy Solutions |
| Matthew Brannan | EIVA | How to optimise offshore vehicle time via better planning tools, smarter automated vehicle behaviours and rigorous quality control |
| 15:15 - 16:30 | | ROBOTICS |
| Alan Anderson | Oceaneering | The role of subsea robotics in sustainable operations: Solutions designed to support the energy transition |
| Kevin Murray | MacArtney | eLARS - The world's first all-electric launch and recovery system |
| Steven Cowie | Nauticus | Net-Zero Operations using shore-based Operations, Supervised Autonomy and Machine Intelligence |

Members £149+VAT | Non-Members £199+VAT | Students £60
 Tickets available at [EventBrite](#)

Breakfast & Lunch included

30 November 2023

Start: 0830 GMT
 End: 1630 GMT

Crowne Plaza,
 Aberdeen

Sponsorship opportunities available, please email aberdeen@sut.org