

Emissions Reduction Technology Showcase Programme

Wednesday, 29 May 2024, 8.15am to 1:30pm

Speaker Programme	
08.15	Arrival, Coffee
08.30	Welcome, introductions and safety briefing. <i>Clara Altobelli, VP ESG and Business Innovation, Serica Energy</i>
08.40	Keynote speech by: <i>Matt Neal, Energy Transition Engineering Advisor, Serica Energy</i>
Deployed emission reduction technologies case studies	
09.00	Ithaca Energy – Captain field’s journey to Zero Routine Flaring <i>Alex Johnson, Energy Transition Lead, Ithaca Energy</i>
09.20	Serica Energy and Siemens Energy – Revamp to right size compressors <i>Andy Wood, Rotating Equipment Engineer, Serica Energy & Demi Ademuyewo, UK Offshore Accounts Client Manager, Siemens Energy</i>
09.40	Ethos Energy – Gas Turbine solutions to enhance operational efficiency and reduce emissions <i>Francesco Cardile, Gas Turbine Application Engineer, Ethos Energy</i>
10.00	Technology Showcase & networking (coffee)
Deployed emission reduction technologies case studies	
11.00	ERM and Bumi Armada UK - Driving energy & emissions performance on the Armada Kraken. <i>Chris Ayres, Chief Customer Officer, ERM, & Dr Helen Drewery, HSE Manager, Bumi Armada UK</i>
11.20	Xodus and CNOOC – Digital Emissions Reduction Action Planning: CNOOC Case study <i>Simon Marshall, Lead Process Emissions Engineer, Exodus & Laura Reid, Senior Net Zero Specialist, CNOOC</i>
11.40	TotalEnergies - Implementing Elgin Flare Gas Recovery and Vent Reroute <i>Alex Mshelbwala, Elgin FGRS Project Leader & Louise Oatey, Emissions Reduction Leader</i>
12.00	Harbour Energy - Armada Eductor: Emissions Reduction in Late Life Operation <i>Cameron Taylor, Energy & Emissions Optimisation Engineer, Harbour Energy</i>
12.20	Feedback from the floor – what are the remaining challenges?
12.30 – 13.30	Technology Showcase & networking (lunch)

This is a Technology Leadership Board Accelerate Deployment workstream event in collaboration with Offshore Energies UK, Asset Stewardship Taskforce ER sub-group, and the Net Zero Technology Centre.

Exhibitors	
Sudelac	Fuelox, a unique liquid fuel treatment that is proven in other industries outside oil and gas, to reduce fuel consumption and associated reportable Green House Gas emissions (GHG).
Kinetics, Controls & Innovation Ltd	KCI's valve leak sealing solutions for maintenance, integrity and production issues.
Stats Group	Tecno Plug (pipeline isolation) and BISEP (temporary line plug products) for high pressure pipeline isolation works.
Ethos Energy	Performance enhancement kit, Rotor Programme to Extend life, and Eco Max to optimise unit operability.
Novatech NESSi	Eliminate emissions with AI enabled Energy and Emissions Forecasting Novatech NESSi® - a cloud-based software leveraging machine learning models to forecast energy and emissions accurately and quickly from energy intensive systems.
Asset 55 / Score	Emissions elimination program (EEP) - new emissions management software plus in-house developed Midas Meter leak detection and quantification tool.
Siemens Energy	Revamp of MP/Export compressors - a practical answer to alterations in process conditions, achieving field life extension through reduced manifold operating pressure and CO2 emission reduction through improved compressor technology efficiency.
Xodus	Digital Emissions Reduction Action Planning tool
Oxford Flow	Stemless valves that eliminate fugitive emissions.
ERM	emissions.AI is a digital solution that provides insights into the drivers of excess energy usage and emissions hidden in plant and process configurations, operating procedures, plant start-ups and shut-downs.
SeaTwirl	SeaTwirl's vertical axis floating wind turbines can be used to power oil and gas platforms including far from shore.
HiiROC	Thermal Plasma Electrolysis ("TPE") potential for flare and /or vent gas recovery
Fugro	Uncrewed surface vessels (USVs), reducing fuel consumption when compared to conventional vessels, resulting in a large reduction in the overall carbon footprint of operations.

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