

# Global Underwater Hub



## Offshore Structural Integrity Management Conference 2026

Wednesday, 22 April 2026

The Chester Hotel, Aberdeen

Unlock long term value. Protect critical assets. Prepare for the future of offshore energy.



Global Underwater Hub  
is the leading trade and  
industry development  
body for the UK's  
underwater sectors.

Owned and governed by industry, Global Underwater Hub represents, promotes and supports all sectors of the underwater industry. As the UK's underwater industry organisation, we support our member companies by enabling access to market opportunities, expertise, contacts and specialist support to accelerate market growth and build value.

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As the UKCS basin continues to mature, the industry is undergoing a significant transition characterised by evolving asset ownership, cost optimisation, infrastructure-led strategies and the need to maximise value from existing fields while planning for decommissioning and energy transition initiatives.

In this environment, proactive structural integrity management is **critical** to ensuring assets remain **safe, reliable** and **optimised** for long-term value.

Sponsored by [Rosenxt](#), the **Offshore Structural Integrity Management Conference** will hear from speakers around the challenges, solutions and opportunities and what needs to be considered in preparing for the future.

## Conference sessions will cover:

- 1. Structural Integrity Management:** Environmental conditions, integrity methods, ISO codes and standards.
- 2. Late Life Integrity Challenges:** Data management and digital tools.
- 3. Maintaining Operational Life:** Inspection, interventions and repairs.
- 4. Preparing for the Future:** Panel discussion hearing from regulators, operators, EPC's and experts their perspectives on how to manage today's challenges and how to position North Sea assets for a resilient and sustainable future.

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## Sponsors

**rosenxt**

### Rosenxt

Rosenxt is a forward-thinking technology group with decades of engineering excellence. We explore new and disruptive market opportunities, building ventures that serve customers operating critical infrastructure in harsh environments, such as offshore and subsea structures, industrial manufacturing, waterline infrastructures, and the energy upstream market.

Our solutions focus on meeting the latest process optimisation requirements and providing advanced integrity solutions. With expertise in a wide range of state-of-the-art technologies and decades of operational experience, we develop cutting-edge solutions that address the future challenges of diverse market needs.

At Offshore Engineering Structures (OES), we specialise in providing structural integrity management (SIM) solutions to operators in the energy sector to unlock capacities in facilities for extending asset life. Our holistic SIM approach encompasses comprehensive engineering solutions, including fitness for service (FFS) assessments, risk-based inspections (RBI), and facilities engineering services. We provide these services all under one roof, enhanced by automated processes and rapid reporting to meet operational demands. Our solutions are built on a strong technological foundation that has earned decades of industry trust and credibility.

[www.rosen-nxt.com/en](http://www.rosen-nxt.com/en)

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## Conference Programme\*

08:30 – 09:00	Registration, coffee and networking
09:00 – 09:25	Welcome speeches
09:25 – 10:25	<b>Session 1 - Structural Integrity Management</b> Speakers include: DNV, Rosenxt, Worley
10:25 – 11:05	Coffee & networking
11:05 – 12:25	<b>Session 2 - Late-Life Integrity Challenges</b> Speakers include: 4Subsea, AISUS, 2H
12:25 – 13:25	Lunch & networking
13:25 – 14:25	<b>Session 3 - Maintaining Operational Life</b> Speakers include: Fugro, THREE60 Energy, Innovair and Oil States, XOCEAN
14:25 – 14:55	Coffee & networking
14:55 – 15:40	<b>Session 4 - Preparing for the future</b> Panelists include: North Sea Transition Authority, Harbour Energy
15:40 – 15:50	Closing comments

*\*Please note this is a draft programme and subject to change.*

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## Confirmed speakers

Delegates attending the **Offshore Structural Integrity Management Conference** on **Wednesday, 22 April** will hear from representatives of the following organisations.



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## Exhibitors

Delegates attending the **Offshore Structural Integrity Management Conference** on **Wednesday, 22 April** will have the opportunity to meet our exhibiting companies and network throughout the day.

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# Offshore Structural Integrity Management Conference 2026

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## Speaker biographies



### Adam Bonner

Head of Business Development - O&G and  
CCS  
XOCEAN

Adam has over twenty years' experience working in marine science and industry focussed roles for both private and public sector organisations.

**XOCEAN**  
Ocean data, delivered.

His background encompasses technical, operational and managerial functions that have extended from the laboratory to the field, with time spent in managerial roles at Cefas, Gardline and Portsmouth University.

Currently Head of Business Development at XOCEAN, Adam has a particular focus on geophysical survey delivery to support offshore energy sectors across Europe, Middle East and Africa, as well as other emerging markets.

## Speaker biographies



### Alastair Bisset

Head of Decommissioning

North Sea Transition Authority (NSTA)

Alastair is the Head of Decommissioning for the North Sea Transition Authority (NSTA).

Prior to taking on this role in April 2023, he spent 16 years in industry, working for Chevron and then Ithaca Energy. During that time, he held a number of different roles supporting offshore operations and projects – ranging from Subsea Engineer, Turnaround Manager, Brownfield Modifications Lead and then was the Asset Integrity Team Lead for several years before joining the NSTA.

Alastair has a Mechanical Engineering (MEng degree) from Aberdeen University, and is a Chartered Engineer and a Fellow of the IMarEST. Outwith work, he volunteers with several local charities in Aberdeen and is the Chairperson for one of these.



North Sea  
Transition  
Authority

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## Speaker biographies



### Ankush Sinha

Lead Structural Engineer

Worley

Ankush Sinha is a Chartered Structural Engineer (MIStructE) with more than 23 years of international experience in offshore structural design, integrity management and decommissioning across the oil & gas, power and renewable energy sectors.



As Lead Structural Engineer at Worley, he specialises in advanced structural analysis and provides strategic technical leadership for major North Sea decommissioning and life-extension projects. Ankush has led FEED and concept designs for offshore wind and hydrogen platforms and previously supported global operators including BP, Shell, Equinor and Allseas.

He also serves as Council member of the Institution of Structural Engineers (IStructE) and Vice Chair of the Scottish Regional Group, contributing to industry development and professional excellence.

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## Speaker biographies



### Arran Prothero

Naval Architect

DNV

Arran is an associate member of the IMarEST with experience in hydrodynamic, mooring and stability analysis of offshore structures.

His primary areas of knowledge are the design, analysis, integrity management & operation of floating offshore energy assets.

He has also participated in projects across advisory & certification services involving; mooring system feasibility analysis, floating offshore wind cost modelling, technology qualification and mooring integrity management.



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## Speaker biographies



The logo for Fugro, featuring a stylized 'F' followed by the word 'UGRO' in a bold, sans-serif font.

### Daniel Jones

Regional Service Line Director - Marine  
Inspection and Monitoring, Europe & Africa

#### Fugro

Daniel Jones has built his career delivering subsea inspection and maintenance services across the offshore energy sector. He began in 2003 with CP services provider Subspection and has since worked with a range of contractors and operators.

With more than 15 years of offshore experience, supported by senior onshore leadership roles at Bibby/Rever, Rovop, and Fugro, he brings deep expertise across subsea projects in oil & gas and renewables.

Since joining Fugro in 2020, Daniel has progressed to Marine Inspection and Monitoring Service Line Director for Europe and Africa, leading integrated inspection, integrity and remote solutions.

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## Speaker biographies



### David Maclure

Vice President - Engineering, Projects & Modifications

Harbour Energy

David Maclure is a senior engineering and projects leader with over 25 years' experience in the oil and gas industry, specialising in offshore facilities operation, engineering, capital project development and delivery.

David leads multidisciplinary teams delivering engineering and brownfield projects, with a strong focus on safe, lean and predictable delivery. He has held senior roles across operations management including as an OIM, decommissioning, project development, and technical assurance.

Professional interests include risk based decision making, cost and value optimisation, and improving delivery performance in late life assets. David is a Fellow of the IChemE.



## Speaker biographies



### Ewen Robertson

AISUS

Chief Technical Officer

Ewen Robertson C.Eng MIMechE - CTO, Cavitas Energy & AISUS Technology, where he leads development of Project c|Ai|sson, an agentic predictive integrity platform for offshore caissons and structural assets.

With over 25 years' experience in upstream oil and gas, Ewen has held senior technical roles with BP, Chevron, Eni, Maersk Oil and Petronas, specialising in CAT#1 (>US\$5.0B) field development maturation, uHPHT, Heavy Oil and Brent; including well performance, system engineering, reliability and integrity.

Beginning his career in engineering software development, he brings a rare combination of frontline domain expertise and software development capability to transforming offshore structural integrity management.

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## Speaker biographies



### Leona Jeffrey

Director Global Business Development  
4Subsea

Leona Jeffrey is the Director of Global Business Development at 4Subsea. She holds a BSc in Applied Physics from Robert Gordon University and has experience across the oil and gas industry, including directional drilling, production, and SURF.

Since joining 4Subsea in 2019, she has focused on expanding offshore structural integrity management, delivering monitoring solutions and sensor-based insights for both the oil and gas and offshore wind sectors.

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## Speaker biographies



### Dr Madhu Parlapalli

Team Leader, Fixed and Floating Structures

DNV

Dr. Madhu Parlapalli is a Team Leader at DNV, where he has worked since 2009 specialising in asset integrity, life extension, structural assessment, and risk-based methodologies.



His expertise spans semi-sub, fixed structures, pipelines, RBI, Technology Qualification (DNV-RP-A203), Safety Case reviews, fitness-for-service, probabilistic fracture mechanics, ECA, and well fatigue analysis.

He has delivered major projects including PFSIMS, PETRONAS integrity frameworks, and TQ of specialised equipment, and has developed RBI plans for Transocean, Bluewater, Rowan Drilling, etc., assets using DNV Sesam Proban and Orbit.

Dr. Madhu holds a PhD from NTU Singapore, completed postdoctoral research in self-healing composites, and has published over 15 international papers.

## Speaker biographies



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### Partha Dev

Venture Manager - Offshore Engineering  
Structures  
Rosenxt UK Ltd

Partha Dev has 36 years of offshore structural integrity management experience in the energy sector. He heads the Offshore Engineering Structures discipline of Rosenxt Group, Aberdeen UK and delivers holistic structural integrity management solutions for offshore facilities worldwide, including the Europe, Middle East, and Asia-Pacific regions. In the past, Partha has led major capital projects of the North-west shelf of Australia on Gorgon, Wheatstone, and North Rankin Redevelopment Projects in technical authority roles with several oil & gas operators viz. Chevron, Woodside Energy and Engie. His area of specialization includes Risk-informed & Reliability Assessment of Offshore Structures, Risk-based inspections, Structural Health Monitoring and Digital Twins.

Partha represents the International Organization for Standardization (ISO TC67 SC7) as the Project Leader of ISO 19901-9, 2nd edition (Structural Integrity Management of Fixed Offshore Structures). He is also the Australian Chair of Standards Australia's ME092-07 committee that mirrors ISO TC67 SC7 (Offshore Structures).

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## Speaker biographies



### Phil Ward

#### Technical Manager - Renewables Company

Phil has over 15' years of offshore energy experience and is technical manager of 2H's Edinburgh office. In this role, he is responsible for the growth of 2H's business in the Greater Edinburgh and Central Belt areas of Scotland, particularly in the offshore wind sector.

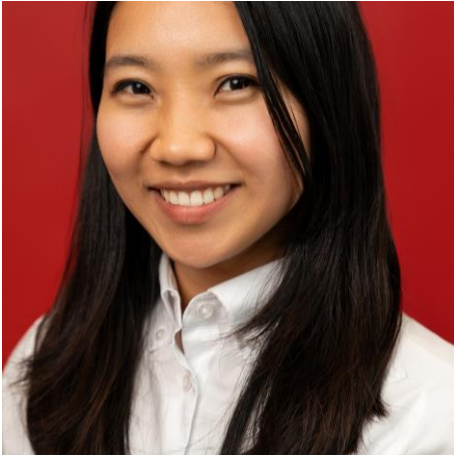


Phil started his career with Jee Ltd. before joining 2H in Aberdeen in 2011. During his time at 2H, Phil has held numerous roles from engineer to director. Phil led 2H's presence in Aberdeen for five years before relocating to 2H's Houston office in 2019 with the goal of cross-populating experience with shallow and deepwater systems.

Phil has project management and technical leadership experience on a variety of projects from concept through to life extension, including the use of field data to verify subsea systems for continued use, subsea wellhead fatigue mitigations, and design optimisation of platform wells and deepwater production risers.

Phil holds a master's degree in Engineering from Cambridge University, and is a Chartered Engineer and Member of the Institute of Mechanical Engineers.

## Speaker biographies



### Urmila Gurung

AISUS

Data Scientist

Urmila is a data scientist at AISUS, with over 5 years' experience in data analysis and more than two years specialising in computer vision and machine learning for critical infrastructure. Developing and deploying AI driven inspection systems, her expertise spans the full pipeline from data curation and model architecture to production deployment and real-world validation.

Urmila has published research in IEEE and is Microsoft certified, reflecting her strong technical foundation and commitment to advancing applied AI solutions.

# Future events from Global Underwater Hub

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Global Underwater Hub organises a series of events throughout the year, bringing together businesses to discuss key industry topics. Full event information, including booking details and calls for abstracts can be found on our website at [www.globalunderwaterhub.com](http://www.globalunderwaterhub.com), where you can also sign up to receive our weekly e-newsletter.

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## Subsea Cable Insurance Conference & Workshop 2026

Wednesday, 20 May 2026 | **Hilton Canary Wharf, London**

Returning for its fourth edition, the conference will once again convene representatives from across the subsea cabling, offshore energy and insurance sectors. Topics expected to be discussed include: failure modes – physical and electrical; interventions; monitoring; and insurance.



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## Underwater Robotics Conference 2026

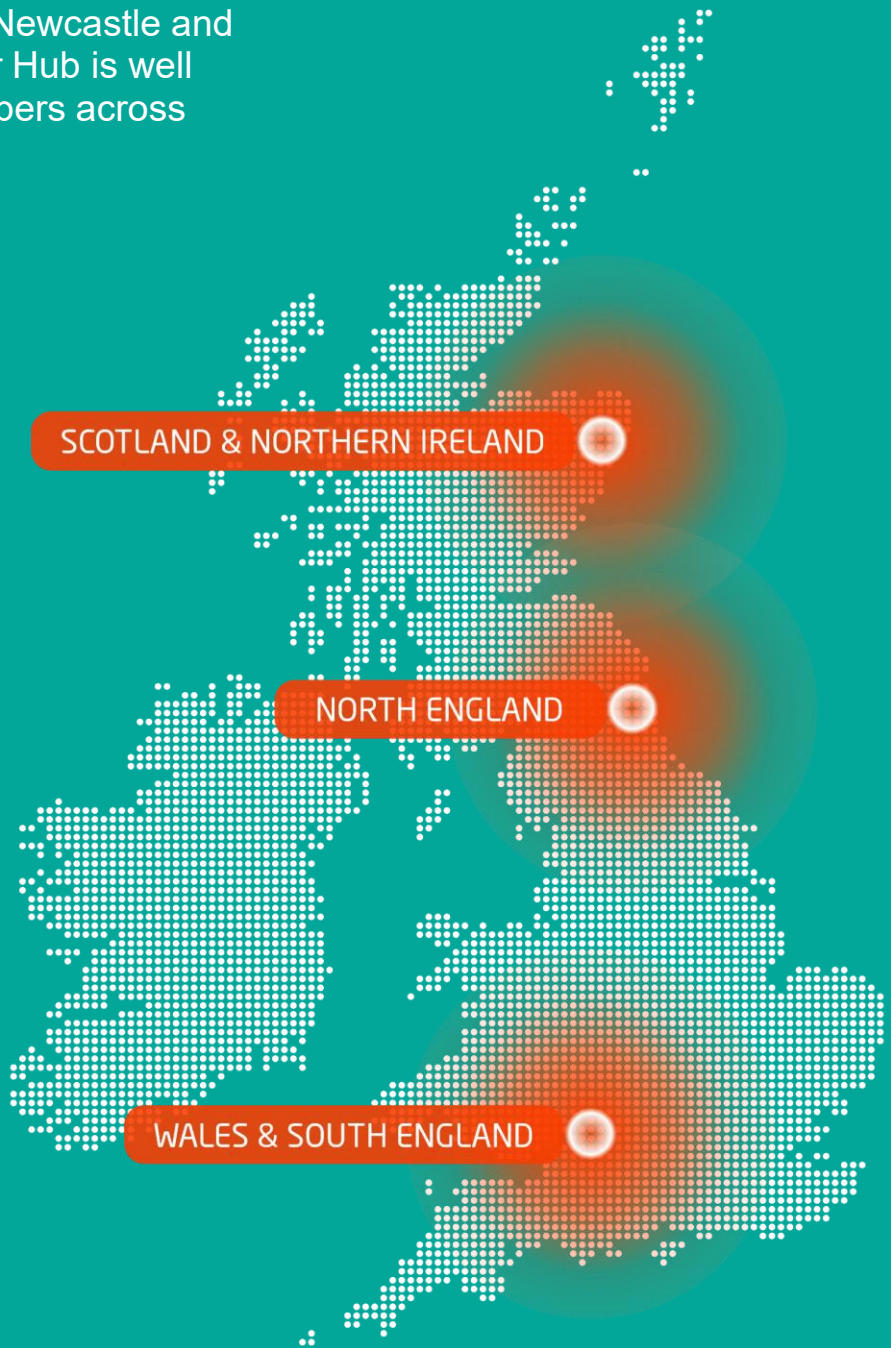
Tuesday, 30 June 2026 | **Murrayfield Stadium, Edinburgh**

This established annual conference is focused on the development and application of underwater robotic technology. The one-day event is set to explore topics including data acquisition, AI and interpretation; regulation and insurance; seabed crawlers and intervention; and the new wave of developments and the challenges and opportunities they bring.



Led and governed by industry, Global Underwater Hub is helping to transform the UK's underwater industry into one of the largest and fastest-growing industries in the country, accelerating the drive to net-zero and creating high value jobs and exports.

With offices in Aberdeen, Newcastle and Bristol, Global Underwater Hub is well placed to support its members across the United Kingdom.



Access. Connect. Grow.





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