

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

Rosenxt's solutions focus on meeting the latest process optimisation requirements and providing advanced integrity solutions. With expertise across a wide range of state-of-the-art technologies and decades of operational experience, the company develops cutting-edge solutions that address the future challenges of diverse market needs.

Through Offshore Engineering Structures (OES), Rosenxt specialises in delivering structural integrity management (SIM) solutions to operators in the energy sector, helping unlock capacity within facilities to extend asset life. The company's holistic SIM approach includes fitness for service (FFS) assessments, risk-based inspections (RBI) and facilities engineering services. These services are delivered under one roof, enhanced by automated processes and rapid reporting to meet operational demands. Rosenxt's solutions are built on a strong technological foundation that has earned decades of industry trust and credibility.

Find out more about Rosenxt at rosen-nxt.com/en

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Conference Programme

08:30 – 09:30	Registration, coffee and networking
09:30 – 10:00	Welcome speeches Neil Gordon, Chief Executive, Global Underwater Hub Partha Dev, Venture Manager, Rosenxt Graham Whitehead, Manager of Projects, Global Underwater Hub
10.00 – 11.00	Session 1 – Structural Integrity Management Madhu Parlapalli & Arran Prothero, DNV Partha Dev, Rosenxt Ankush Sinha, Worley
11:00 – 11:30	Coffee & networking
11:30 – 12:30	Session 2 - Late-Life Integrity Challenges Phil Ward, 2H Heidi Gryteland Holm, 4Subsea Urmila Gurung & Brea Stephenson, AISUS
12:30 – 13:30	Lunch & networking
13:30 – 14:30	Session 3 - Maintaining Operational Life Daniel Jones, Fugro Willie Tulloch, THREE60 Energy, Innovair and Oil States Adam Bonnar, XOCEAN
14:30 – 14:45	Coffee & networking
14:45 – 15:30	Session 4 - Preparing for the future Panelists include: Alastair Bisset, North Sea Transition Authority, David Maclure, Harbour Energy, Matt Morton, Kent Neil Allen, Worley
15:30 – 15:40	Closing comments

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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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Speaker biographies



Neil Gordon

Chief Executive

Global Underwater Hub

Neil is the Chief Executive of Global Underwater Hub, a pivotal organisation spearheading the profound transformation within the UK energy sector. With over three decades of managerial expertise in directorial and business development capacities within the subsea domain, Neil is a seasoned and esteemed leader in the industry.

Having assumed the role of CEO at Subsea UK in 2011, he has been instrumental in shaping dialogues with industry stakeholders, governmental officials, and departments concerning the future trajectory of the subsea sector. His leadership has been pivotal in steering the evolution of the UK subsea industry into a standalone sector, diversifying across various sectors, including oil and gas, offshore wind, marine renewables, defence, ocean science, subsea mining, and aquaculture.

Neil's early career was marked by diverse experiences in managing and expanding operations across India, the Middle East, and Brazil. As a former commercial diver, he ascended to the position of General Manager at the National Hyperbaric Centre, where he cultivated business streams encompassing diving research and trials, hyperbaric testing, and saturation diving operations.

Speaker biographies



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Partha Dev

Venture Manager - Offshore Engineering Structures

Rosenxt

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



Graham Whitehead

Manager of Projects

Global Underwater Hub

Graham Whitehead is a project manager with Global Underwater Hub and has over 30 years management and engineering experience, working for a range of upstream oil and gas operators, contractors and SMEs with operations in UK, France, and Brazil.



With a BEng (Hons) in Civil Engineering and an MBA, Graham has risen from offshore engineer with a contractor organisation to project / development manager roles in FTSE registered organisations. Since 2018, Graham has supported the activities of GUH, undertaking several studies focused on cross-sector opportunities.

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.

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.

Speaker biographies



Ankush Sinha

Lead Structural Engineer
Worley

Ankush Sinha is a Chartered Structural Engineer (MStructE) 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.

Speaker biographies



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 Subsection 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.

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.

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Speaker biographies



Brae Stephenson

Business Development Manager
AISUS



Brea Stephenson is a Business Development Manager at AISUS, an Aberdeen-based company specialising in remote inspection technology. With experience across the oil and gas sector, he plays a key role in expanding AISUS' presence throughout the wider energy industry.

Working closely with operators and engineering teams, Brea supports the delivery of advanced non-destructive testing (NDT) solutions, particularly within challenging areas such as the splash zone.

AISUS continues to advance the use of AI in defect detection and predictive modelling, providing high-quality data intelligence that enables operators to make faster and informed decisions.

Speaker biographies



Heidi Gryteland Holm

Principal Engineer

4Subsea

Heidi Gryteland Holm is an Advisor in Data Analytics at 4Subsea, a leading provider of technology and services that help operators optimise energy production in subsea oil & gas fields and offshore wind farms.

She has worked at 4Subsea since 2011 and holds an MSc in Mechanical Engineering from NTNU Trondheim (2011). Her background includes global analyses within the drilling department, and in recent years she has focused on developing digital solutions and instrumentation services.



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.

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Speaker biographies



Matt Morton

Associate Director - Multidiscipline Asset Integrity
Kent

Matt is a Chartered Mechanical Engineer and Fellow of the IMechE and leads the asset integrity market offering for Kent.

Matt has a wide range of experience leading multi-discipline projects for both on, and offshore assets developed over almost 20 years.

Matt is also the global SME for operational integrity within Kent and heads up a multi-skilled team based out of the UK with an extended network of colleagues around the various global regions including Mechanical, Electrical, Structural, Pipelines & Pressure Systems.



Speaker biographies



Neil Allen

Director – Asset Solutions
Worley

Neil is the Director of the Asset Solutions Department with over 23 years in the energy industry, 21 of those years within the Asset Integrity sector.

He has worked in the UK and the Middle East Regions for various oil and gas operators and service companies on both topsides and subsea projects.

Technical specialties include, Risk-Based Inspection, Integrity Database Selection and Management, Anomaly Management, Piping Vibration and Fatigue Failure Mitigation, Inspection Technique Selection and Integrity, Inspection Strategy Development, Project Management, Client Liaison and People Management.



Speaker biographies



Phil Ward

Technical Manager

2H

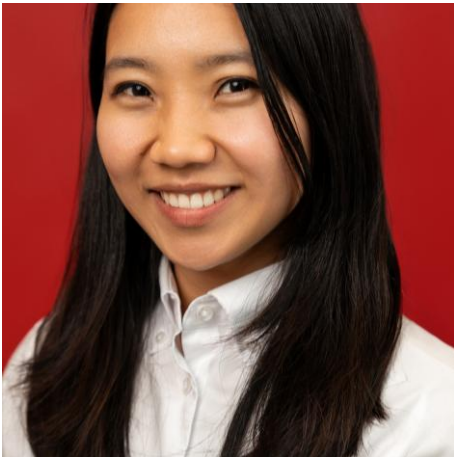
Phil has over 15' years of offshore energy experience and is technical manager of 2H's Edinburgh office. In this role, he is responsible for the growth of 2H's business in the Greater Edinburgh and Central Belt areas of Scotland, particularly in the offshore wind sector.

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

Data Scientist

AISUS



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.

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Speaker biographies



Willie Tulloch

Construction and Commissioning Director
THREE60 Energy, Innovair and Oil States

Willie is a senior energy industry professional with over 25 years of experience in oil and gas, primarily supporting offshore operations. He has a strong background across asset integrity, engineering, construction, and commissioning of ageing infrastructure, with extensive experience in the UK Continental Shelf.

With a blend of both operator and service sector experience, Willie has delivered significant improvements in the efficiency and safety performance of onshore and offshore facilities. He is recognised for his strong technical and commercial understanding and a proven track record in delivering practical, high-value solutions across complex energy projects.

Future events from Global Underwater Hub

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, where you can also sign up to receive our weekly e-newsletter.

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.



Underwater Robotics Conference 2026

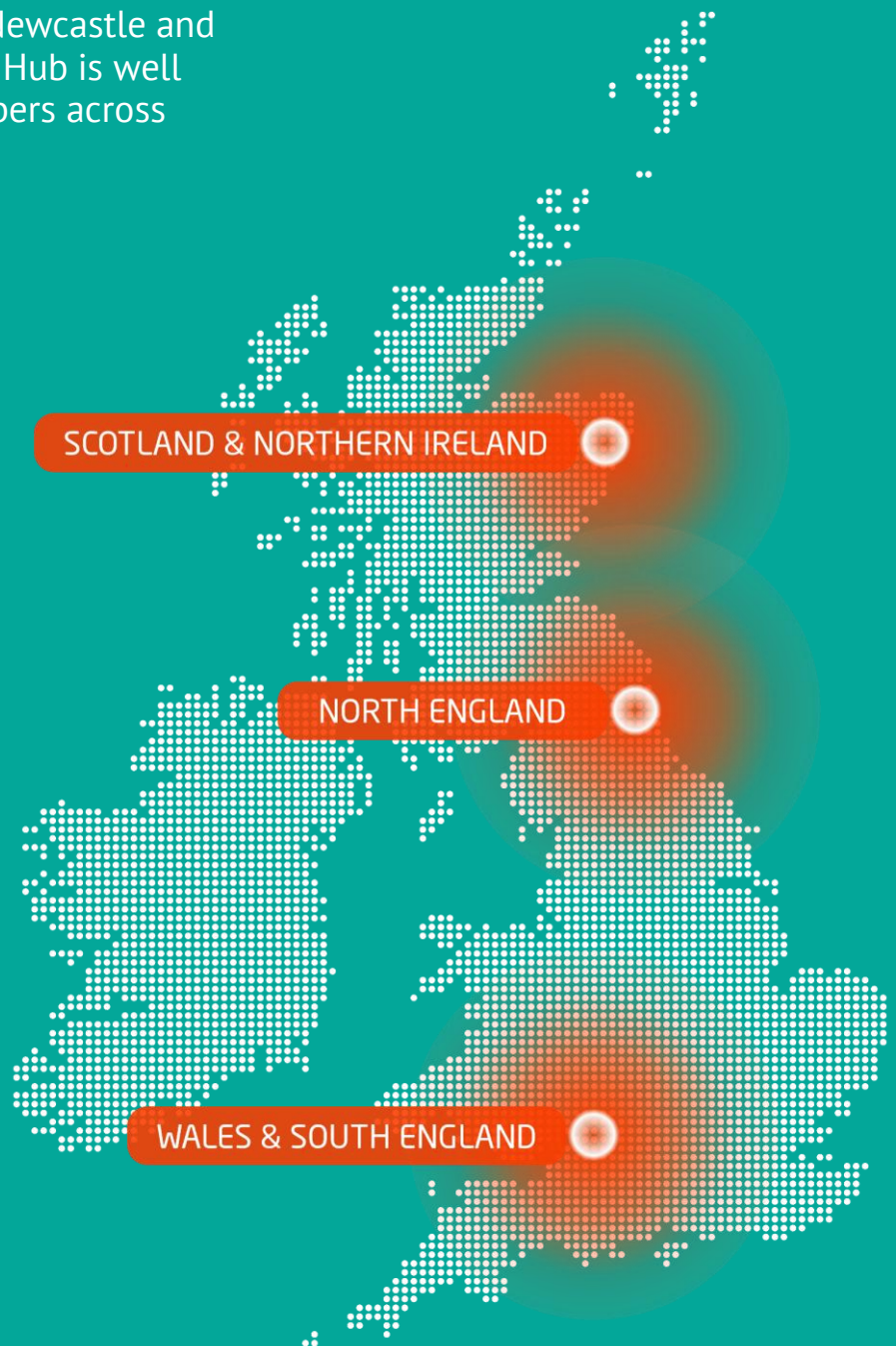
Tuesday, 30 June 2026 | **Murrayfield Stadium, Edinburgh**

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.



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