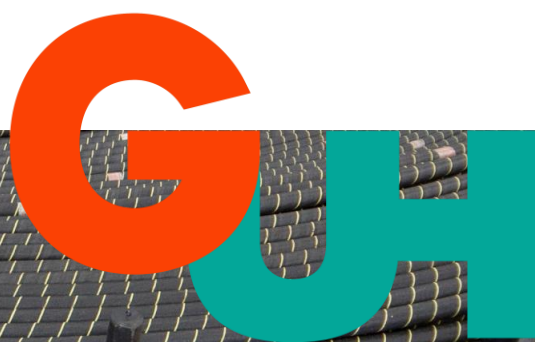


Cables 2025

Wednesday, 24 September

Energy Central Campus, Blyth



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.

Discover more at www.globalunderwaterhub.com.



RenewableUK is the established,
influential voice of the UK's
renewable energy industry.

A trade association supporting the UK renewable energy sector, RenewableUK advocates passionately and successfully for the nation's renewables industry. It brings together members to amplify results and accelerate the journey to net-zero.

Find out more at www.renewableuk.com.



Conference overview

Global Underwater Hub's annual Cables conference, supported by RenewableUK, will once again drive discussion on a core aspect of offshore renewable energy development and in building energy security worldwide.

Cables 2025 will bring together key stakeholders from across the cable and energy industries to discuss a range of topics related to the subsea cables market. This established UK conference will discuss the investment landscape for delivering subsea cable infrastructure, explore the latest developments in cables and interconnectors, and look at the evolving demands of future projects that will help nations reach their net-zero targets.

This year's conference programme will focus on four key themes, with sessions centred around the following areas:

- Big investment and infrastructure
- Testing, handling and installation
- Operations and maintenance
- Future innovation and demands – what does the future hold?

As part of the anticipated \$800billion of global investment in offshore wind farms by 2030, hundreds of thousands of kilometres of subsea export and inter-array cables need to be financed, manufactured, installed, maintained and insured. It requires every aspect of the subsea cable manufacturing and offshore wind supply chains to be aligned, while also appreciating the competing needs of other industry sectors.

By understanding the scale of the market requirement and the challenges that need to be overcome, the complexity in bringing ashore the clean, green energy produced at sea begins to be seen, highlighting why engagement with and input from all aspects of the subsea cable supply chain and associated industries is critical.

Through a combination of presentations, panel sessions and a workshop, this event sets out to continue building the dialogue around this important topic, with contributions from stakeholders, including regulators, who work across the subsea cable and offshore renewable energy sectors.

Supporting partners



Innovation partner

Offshore Renewable Energy Catapult

ORE Catapult was established in 2013 by the UK Government and is part of a network of Catapults set up by Innovate UK in high growth industries. It is the UK's leading innovation centre for offshore renewable energy.

Independent and trusted, with a unique combination of world-leading test and demonstration facilities and engineering and research expertise, ORE Catapult convenes the sector and delivers applied research, accelerating technology development, reducing risk and cost and enhancing UK-wide economic growth.

Active throughout the UK, ORE Catapult has operations in Glasgow, Blyth, Levenmouth, Aberdeen, Hull, the south-west and Wales, and also operates a collaborative research partnership in China.

www.ore.catapult.org.uk

Supporting partners

Event sponsor

Business Northumberland



Business Northumberland is the business support service for Northumberland County Council. Helping to deliver more and better jobs and a strong competitive economy.

It works closely with partners to encourage an enterprise culture, helping entrepreneurs to turn bright ideas into successful reality and students to develop enterprise skills to become our future business leaders.

The Business Northumberland team has the knowledge and experience to support businesses; with access to funding and investment, premises, and an extensive network of partners that can add to its offer.

www.businessnorthumberland.co.uk

Supporting partners

Event sponsor

Proserv



Proserv provides leading edge technologies to customers at the conception of their asset development and throughout the asset's life, creating improved reliability, maximised production and enhanced asset integrity.

By combining technical ingenuity with design, engineering, manufacturing and field services expertise, Proserv creates innovative solutions that can be applied to standardised systems. The company develops controls technology to help customers improve the performance of their assets, through the reliability and industry leading functionality of its controls.

www.proserv.com

Supporting partners

Event sponsor

APEM Group



APEM Group, is a global environmental consultancy providing independent advice and guidance to support government and environmental regulatory guidelines.

With locations across the globe, APEM Group provides independent environmental consultancy and expert scientific advice to a wide range of industries including water, renewables, infrastructure, power and utilities, ports and harbours, as well as to regulators and governments around the world.

The firm's wide range of services include digital aerial wildlife surveys, environmental impact assessments, marine, water & terrestrial ecology, geospatial insights, shipping and navigational risk assessments and landscape visualisation.

www.apemgroup.com

Conference programme

08:30	Registration
09:00 – 09:10	Welcome from Neil Gordon, Chief Executive, Global Underwater Hub
09:10 – 09:30	Keynote presentation: Rob Gilbert, Great British Energy
09:30 – 09:45	The developer viewpoint: Rachel Nicholls-Lee, Flotation Energy
09:45 – 10:30	Session one – Big investment and infrastructure
10:30 – 10:40	Sponsor spotlight: Business Northumberland – Maria Antoniou
10:40 – 11:00	Networking break
11:00 – 12:00	Session two – Testing, handling and installation
12:00 – 13:05	Session three – Operations and maintenance
13:05 – 14:10	Lunch
14:10 – 15:10	Session four – Future innovations and demands: what does the future hold for floating wind and dynamic cables?
15:10 – 15:20	Sponsor spotlight: APEM Group – Kathy Wood
15:20 – 15:30	Comfort break
15:30 – 16:30	Workshop facilitated by Steve Fernie, Global Underwater Hub
16:30 – 16:40	Closing comments

Cables 2025

Wednesday, 24 September 2025



Confirmed speakers

The full conference programme is currently being finalised. Delegates to **Cables 2025** will hear insight from representatives of the following organisations:

Supported by:



DEEPOCEAN



JAN DE NUL



Overview

Building on the success of previous editions of the Cables conferences, organised by Global Underwater Hub and RenewableUK, **Cables 2025** is again set to drive discussion on a core aspect of offshore renewable energy development and in building energy security globally.

Having been held in Aberdeen and Bristol in recent years, Cables 2025 takes place in the east coast town of Blyth, home to the UK's first offshore wind farm and still a hub for the sector. Featuring a morning of presentations and panel discussions, an afternoon workshop that fosters collaboration and discussion follows, offering opportunities to learn, discuss, share knowledge and debate key topics centred around four key themes.

Keynote presentation and the developer perspective

Following a welcome address by Neil Gordon, Chief Executive of Global Underwater Hub, two presentations will help set the scene for the day.

Rob Gilbert, Director of Supply Chain at Great British Energy will discuss the organisation's role in developing and delivering a national supply chain strategy to support the UK's energy transition and in driving industrial capacity.

A developer's view of the cables sector will be provided by Rachel Nicholls-Lee of Flotation Energy, which developed the Kincardine floating offshore wind farm off Scotland's east coast, coming onstream in 2021.



Rob Gilbert

Director of Supply Chain
Great British Energy



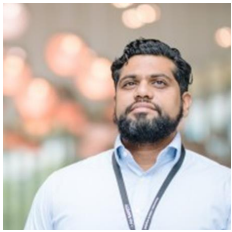
Rachel Nicholls-Lee

Naval Architect Technical Authority
Flotation Energy

Session one – Big investment and infrastructure

As offshore wind scales up to meet global energy and climate targets, the demand for robust subsea electrical cable infrastructure – particularly export and inter-array systems – is growing rapidly. This session will explore the investment landscape underpinning these critical components, examining the drivers of large-scale infrastructure development and the strategic opportunities for investors, developers, and supply chain partners.

Discussions will highlight key enablers such as technological innovation, market expansion, and policy support, while also addressing persistent barriers including high capital costs, regulatory uncertainty, and supply chain constraints. Attendees will gain insight into how the sector can attract and sustain the investment needed to deliver resilient, future-ready offshore wind networks.



Ajai Ahluwalia

Head of Supply Chain
RenewableUK

Session chair



Norman Skillen

General Manager JDN UK & Ireland
Jan De Nul



James Young

Strategy and Compliance Officer
JDR Cable Systems



Alasdair Kerr

Commercial Director
Port of Blyth

Session two – Testing, handling and installation

The performance and longevity of subsea electrical cables are critically dependent on rigorous testing, precise handling, and efficient installation practices. This session will explore the latest advancements and best practices across the cable lifecycle.

Industry experts will share insights into the challenges posed by harsh marine environments, evolving turbine layouts, and increasing cable lengths and voltages. Attendees will gain a deeper understanding of how innovation in equipment, methodologies, and standards is helping to reduce risk, improve reliability, and drive down costs in offshore wind cable projects.



Dr Alan Dobson

Session chair

Director SURF – Product Marketing & Strategy
TechnipFMC



Henry Oakes

Head of Commercial
Enshore Subsea



Stuart Murray

Business Development Manager
Helix Robotic Solutions



Andrew Hastings

Technical Manager
MDL – Maritime Developments Limited



Steve Pocock

Principal Engineer
RED Engineering

Session three – Operations and maintenance

Ensuring the long-term reliability and performance of subsea electrical cables is essential to the success of offshore wind projects. This session will focus on the operations and maintenance (O&M) strategies that keep export and inter-array cables functioning efficiently throughout their lifecycle.

Topics will include condition monitoring technologies, predictive maintenance approaches, fault detection and repair techniques, and the role of digital tools in improving asset management. With increasing pressure to minimise downtime and optimise costs, speakers will share insights into how proactive O&M planning and innovation are helping operators enhance resilience and extend the service life of critical subsea infrastructure.



Ross Piercey

Product Manager - Cables
James Fisher Renewables

Session chair



Chris Hutchens

Project Technical Manager
DeepOcean



Luke Munro

Subsea Integrity Engineer
Jee Ltd



Paul Cook

Vice President, Renewables
Proserv



Thorsten Ohmann

Head of Cable Installation and Survey
TenneT Offshore GmbH



Richard Hill

Subsea Cable Specialist
Waves Group

Session four – Future innovations and demands

As offshore wind projects grow in scale, complexity and ambition, the future of subsea electrical cables will be shaped by the need for smarter, more resilient, and higher-capacity systems. This session will explore the cutting edge of cable technology, from advanced materials and dynamic cable designs to embedded sensors and digital twins.

Speakers will examine how evolving project demands, such as deeper waters, floating wind, and hybrid interconnections, are driving innovation across the supply chain.



Emily Sarveswaran

Session chair

Engineer – Floating Offshore Wind
Offshore Renewable Energy Catapult



Karolina Zieba

Offshore Wind Associate
Carbon Trust



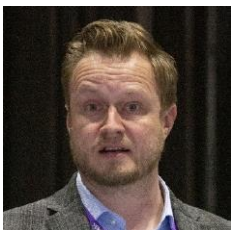
Malcolm Bowie

Technical Director
Encomara



Dr Chris Mullen

Senior Engineer
Kinewell



Michael Mitchell

Business Development Manager - EAD
Siemens Energy

Workshop sessions

The afternoon workshop aims to foster collaboration and discussion, providing a platform for delegates to contribute to the debate on this important industry topic, sharing knowledge, ideas and experiences.

Challenges exist for both the cable manufacturing and offshore renewable energy supply chains in order that the market opportunity is realised and the full potential of planned offshore renewable energy developments around the world is effectively and efficiently harnessed.

Building on the themes explored during the morning sessions, delegates will examine factors critical to subsea cables. Discussion in the workshop will be framed around three questions focussing on:

- Investment
- Key challenges
- Innovation.

The responses generated during the workshop will help build a better understanding of the challenges facing the subsea cables supply chain and offshore renewable energy developers, highlight opportunities for innovation and outline where support is required. Feedback will drive forward future discussion in this area and be used to outline to government and other agencies what strategic support is required.

Workshop facilitator



Steve Fernie

Strategy & Policy Director

Global Underwater Hub

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



Rob Gilbert

Director of Supply Chain
Great British Energy

Rob Gilbert serves as the Director of Supply Chain at Great British Energy, the UK's publicly backed clean energy investment company. In this role, Rob leads the development and delivery of national supply chain strategy to support the UK's energy transition. His remit includes driving industrial capacity, supporting local content and workforce development, and securing resilient supply networks across offshore wind, solar, and transmission infrastructure.

Rob brings over two decades of experience in energy, infrastructure, and government advisory, having previously been a Partner at Baringa, where he led major engagements across energy market design, procurement strategy, and public-private investment programmes. He has worked with leading utilities, policymakers, and regulators to address systemic supply chain bottlenecks and accelerate clean energy delivery.

An established voice in the energy sector, Rob has contributed to high-impact industry publications and serves as a frequent speaker at national forums on infrastructure resilience and sustainable energy growth. His current work at Great British Energy plays a pivotal role in aligning investment with UK industrial capabilities, while delivering on the country's net-zero ambitions.

Speaker biographies

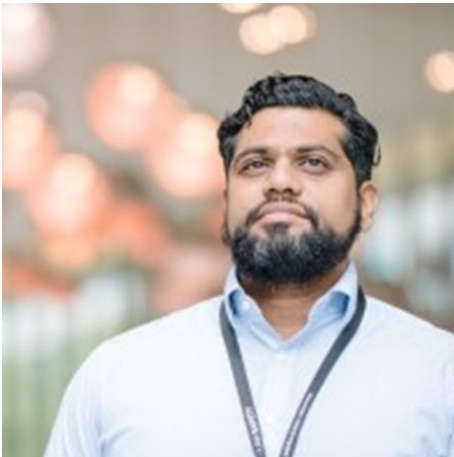


Rachel Nicholls-Lee

Naval Architect Technical Authority
Flotation Energy

Rachel is the Naval Architecture Technical Authority at Flotation Energy applying 20 years of renewable energy and subsea cables expertise to develop and optimise floating offshore wind farms. She is a Chartered Engineer with extensive experience in the marine renewable energy and yacht design sectors. She is an author of many publications in international forums covering aspects of subsea power cables, composite technology, offshore renewables and novel vessel design.

Speaker biographies



Ajai Ahluwalia

Head of Supply Chain
RenewableUK

With over 12 years in the Offshore Wind industry Ajai has a broad technical and commercial experience, having worked across the Development, Engineering, Construction and Operations phases on various projects for several organisations.

At RenewableUK, as the Head of Supply Chain, Ajai is now focussing on making sure industry can deliver upon the UK's ambitious offshore wind deployment targets, and indeed seeing how opportunities in UK supply chain can be realised.

Speaker biographies



Norman Skillen

General Manager JDN UK & Ireland

Jan De Nul

Dr Norman Skillen has 12 years' experience in offshore renewables, during a 30-year international energy sector career that has encompassed hydrocarbon production, electricity generation and energy networks. A scientist by background, his experience includes business development, management consultancy and international supply chain development.

As a director of Jan De Nul UK Limited, Norman is the Group UK & Ireland General Manager, a role that includes customer management, business development, support to operational projects and running the Jan De Nul UK company. Norman also maintains a close interest in floating offshore wind, subsea cable construction and a sustainable energy transition.

Speaker biographies



James Young

Strategy and Compliance Officer JDR Cable Systems

James Young is Chief Strategy and Compliance Officer of JDR Cable Systems Ltd, part of the TFKable Group, and a leading provider of subsea umbilical and power cable products and services for the offshore energy sector. JDR operates from their UK manufacturing facilities in Hartlepool and Littleport and from their service bases located in Newcastle, UK and Tomball, Texas US. JDR and TF have continued their investment in the UK with a new £130m High Voltage Cable Manufacturing business expansion project at Cambois, near Blyth, Northumberland. Once operational in 2025 the facility will create 171 new roles at the new site and safeguard a further 270 roles at JDR's UK facilities.

James has over 30 years of experience in the design, manufacture and installation of cables and umbilicals for subsea applications. He joined JDR in 2000 as a Senior Design Engineer responsible for new product development and was appointed Chief Technology Officer in 2016 after a series of technical and management roles within the business. In 2021 he took on the role of Chief Strategy and Compliance Officer, focusing on defining and implementing long-term strategic initiatives, leading in the sustainable transition of the business to support net-zero emissions by 2050. Prior to JDR, James worked for BICC Supertension and Subsea Cables - Erith, London where he designed and developed land and submarine HV AC and HV DC cables from 66 kV to 400 kV.

James joined JDR's Board of Directors following the acquisition of JDR by the TFKable Group in 2017 and is a member of the JDR Executive Management Team. He has a degree in mechanical engineering, is a Chartered Engineer and has an MBA from Cranfield. James also represents JDR on the Offshore Wind Industry Council, a senior Government and industry forum. He also serves as an Industry Director on the Board of the Energy Central Campus in Blyth.

Speaker biographies



Alasdair Kerr

Commercial Director

Port of Blyth

Alasdair Kerr is the Commercial Director at the Port of Blyth, one of the UK's leading offshore energy support hubs. With over 20 years' experience in maritime logistics, Alasdair plays a pivotal role in driving the Port's commercial strategy, particularly within the offshore wind and subsea cable sectors.

He works closely with industry partners and the Blyth supply chain to deliver innovative, sustainable solutions that support the evolving needs of the offshore industry. Alasdair has been involved in numerous cable projects, ranging from mobilising trenchers and ploughs, to marshalling subsea cable, strategic long-term storage and cable repair.

Speaker biographies



Dr Alan Dobson

Director SURF – Product Marketing & Strategy
TechnipFMC

Dr Alan Dobson is a Chartered Engineer and Principal Technology Expert within TechnipFMC and has a Doctorate in Philosophy from Newcastle University in the field of subsea engineering and robotics.

For over 25 years he has worked in the field of subsea engineering research and product development within TechnipFMC, setting up and managing the Cable and Umbilical Research Centre in Newcastle upon Tyne, adjacent to the TechnipFMC Cable and Umbilical manufacturing facility. He has published numerous papers and patents in the fields of material technology, technical reliability and design of cable and umbilical systems.

Speaker biographies



Henry Oakes

Head of Commercial
Enshore Subsea

Henry is Head of Commercial at Enshore Subsea, a cable installation and trenching contractor based in Blyth. He initially joined the industry as a mechanical engineer designing offshore and subsea equipment before moving into commercial and offshore contracting.

Henry is now responsible for all tendering and commercial activities at Enshore, as well as providing strategic guidance on company investments in vessels and trenchers. Since joining Enshore in 2021, the company has grown from a headcount of less than 30 to now over 150 people with an order book of over £200m across three continents.

Speaker biographies



Stuart Murray

Business Development Manager
Helix Robotic Solutions

Stuart Murray is a business development manager with Helix Robotic Solutions. With 15 years of experience in the subsea sector, he has built a career spanning both oil and gas and renewables. For the past decade Stuart has specialised in business development and commercial roles, driving growth and building strong client partnerships.

His background covers GNSS positioning, subsea survey, vessel operations, and ROV services, giving him a comprehensive understanding of offshore projects. Stuart also brings valuable cross-sector experience from a period as sales director in the technology industry, broadening his commercial perspective. He is passionate about developing innovative solutions and supporting clients in achieving operational and strategic success.

Speaker biographies



Andrew Hastings

Technical Manager

MDL – Maritime Developments Limited

Andrew brings over two decades of cross-disciplinary expertise spanning Civil, Structural, Mechanical, and Offshore Engineering. His career reflects a commitment to technical excellence, innovation, and back-deck solutions in challenging marine environments.

For the past 14 years, Andrew has played a pivotal role in the marine energy sector, involved in the design engineering and project delivery of Flex-lay systems and subsea deployment of flexibles. With deep technical knowledge of subsea product handling, Andrew has supported and managed projects involving subsea umbilicals, risers, flowlines, power cables, fibre optics, synthetic ropes, and spiral strand wire moorings – from factory transpooling through to seabed installation.

Andrew is a key advocate of innovation at MDL, where he leads the company's Innovation Forum; collaborating with cross-functional teams to explore emerging technologies and develop forward-thinking solutions for the Flex-lay market. His leadership also extends to Business Improvement, where he spearheads digitalisation efforts, championing the adoption of IoT, AI, and remote monitoring technologies across engineering and operational functions. He holds a BEng in Mechanical and Offshore Engineering from Robert Gordon University and is a member of both the Institution of Mechanical Engineers (IMechE) and the Project Management Institute (PMI).

Speaker biographies



Steve Pocock

Principal Engineer

RED Engineering

Steve has always had a deep interest in the offshore environment, spending the first 14 years of his career as an Engineering Officer in the Merchant Navy. Subsequently he studied for a Master's degree in Mechanical Engineering and then applied his practical insight and technical expertise to the design of offshore equipment for subsea oil and gas operations.

Since joining RED Engineering in 2012, Steve has been instrumental in the development of the firm's testing services and has driven the growth in the RED capability from completing tensioner pad testing in a small rented workshop to delivering complex cable qualification programs in our new build RED Technology Centre. He has gained extensive knowledge of subsea cable design, testing and installation.

Speaker biographies



Ross Piercey

Product Manager - Cables
James Fisher Renewables

Ross has over 14 years' experience in offshore wind, supporting subsea cable installation and repair.

As the market matures the service offering has grown to include fault response (fault finding and repair), Ross heads up this service offering in James Fisher Renewables, with over 20 repairs on terminations and cable in the first four months of 2025.

Ross has been involved in bringing to market a new concept on cable fault readiness, response and repair. In addition, his role involves supporting customers using data to drive decision making, by leveraging good asset management with cable monitoring solutions to build stakeholders' confidence.

Speaker biographies



Chris Hutchens

Project Technical Manager
DeepOcean

Chris Hutchens, a Chartered Civil Engineer with 15 years in the energy sector, began his career at Subsea7 in subsea construction and IRM. He later worked with Atkins and Kent on wind turbine and offshore substation designs in the UK, Europe, and US. Currently, as Project Technical Manager at DeepOcean, Chris oversees inter-array cable installation and repair projects.

He is a Member of the Institution of Civil Engineers (MICE) and has expertise in both traditional and renewable energy infrastructure, contributing to sustainable offshore energy solutions.

Speaker biographies



Luke Munro

Subsea Integrity Engineer
Jee Ltd

Luke is a subsea engineer at Jee Ltd, who specialises in the integrity management of subsea assets.

His interest in subsea cables began in university where he developed a model which could estimate the lifetime of subsea power cables which were experiencing the effects of combined wave and current loading. This work was recently published in the Journal for Marine Science and Engineering.

He is currently leading the development of a new service offering at Jee Ltd called CIMS (Cable Integrity Management System) which aims to protect subsea power cables from failure.

Speaker biographies



Paul Cook

Vice President, Renewables
Proserv

A mechanical engineer by training, Paul Cook has a control systems background and possesses 15 years' experience in the energy industry, encompassing a broad range of roles including commercial, sales and product management. Paul commenced his career in energy at global E&P company Perenco before joining Proserv in 2009. During his time at the company, Paul has delivered numerous strategic projects and spent almost two years based at Proserv's site in Houston, Texas from 2015-16.

Since 2017, Paul has led Proserv's global Renewables roadmap and strategy, transitioning the company into the wider energy sector. A key part of this has been driving the development and rollout of ground-breaking technologies for offshore wind through the creation of highly innovative technology partnerships and consortia, alongside securing key government funding and industrial sponsorship.

Speaker biographies



Thorsten Ohmann

Head of Cable Installation and Survey
TenneT Offshore GmbH

As Head of Cable Installation and Survey, Thorsten Ohmann is leading engineering teams responsible for offshore cable installation at TenneT Offshore GmbH. Since he joined TenneT, nearly all offshore cable installations have been executed by his team, working in the different grid connection system projects of TenneT. During that time he gained significant experience with different cable providers and installation companies.

He also took care of creating a cable repair organisation within TenneT, dealing with cables after end of the warranty period and was involved in the first activities of the submarine power cable maintenance group for evaluating cross TSO offshore cable maintenance concepts.

Thorsten started his career as a naval officer with the German navy after which he changed in 1997 to building cross German telecommunication networks based on fibre optic cables. In 2013 he joined TenneT, becoming responsible for the offshore cable installation team.

Speaker biographies



Richard Hill

Subsea Cable Specialist

Waves Group

Richard Hill is Submarine Cable Specialist at Waves Group, an independent multi-disciplinary engineering consultancy. He has been involved in the marine engineering industry for over 30 years. As a Chartered Mechanical Engineer, he has broad experience as a senior technical lead and has been intimately involved in a wide range of subsea cable projects, working within the UK, Europe, Middle East, Asia and Africa.

His specialities include subsea cable system specification, design, engineering, risk management, and installation / construction operations. This includes vessel operations, subsea equipment design, and client representation working both on and offshore. He has also held responsibility for a wide range of cable O&M activities including multiple cable repairs, cross sector liaison and decommissioning activities at the end of system life.

During his career, Richard has led the investigation and resolution of many technical and commercial matters, including both oversight and detailed work associated with subsea cable handling, laying, burial, repair and shore-end operations, across both the subsea telecom and power cable sectors.

Speaker biographies



Emily Sarveswaran

Engineer – Floating Offshore Wind
Offshore Renewable Energy Catapult

Emily Sarveswaran is an Engineer at the ORE Catapult's Floating Offshore Wind Centre of Excellence, where she leads the Dynamic Cable Strategic Programme.

Her focus extends across various facets of offshore electrical infrastructure, with significant contributions to dynamic cable systems and related technologies. Emily's work encompasses a range of specialised areas, including dynamic cable topology comparisons, techno-economic analyses of cable systems, state-of-the-art review of subsea connector technology and advancements in smart integrity management and condition monitoring.

Speaker biographies



Karolina Zieba

Offshore Wind Associate
Carbon Trust

Karolina Zieba is a Senior Associate dedicated to accelerating the transition to a decarbonised energy future, with a specialised focus on submarine power cables. Currently at the Carbon Trust, Karolina collaborates with offshore wind developers to lead the cables technical workstream, ensuring the successful delivery of innovation projects.

Prior to joining the Carbon Trust, Karolina was part of the policy and research team at Mainstream Renewable Power, a pureplay offshore wind developer, where she contributed to strategic initiatives shaping the renewable energy landscape.

Speaker biographies



Malcolm Bowie

Technical Director
Encomara

Malcolm has over 35 years' experience as a consultant and advisor in marine and offshore systems. A recognised technical authority in moorings, anchors, risers and floating systems, he has contributed to numerous high-profile global projects, investigations and technical development of vessels, equipment and systems.

With 25 years in offshore wind, wave and tidal energy, Malcolm is now deeply involved in floating wind, offering strategic guidance and technical insight to developers and organisations across the sector.

Speaker biographies



Dr Chris Mullen

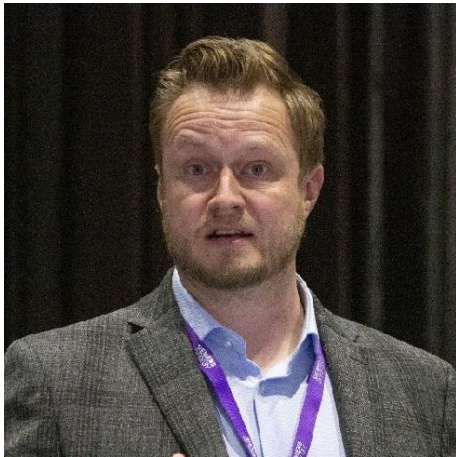
Senior Engineer

Kinewell

Dr Chris Mullen is a multidisciplinary offshore wind expert with a broad range of engineering experience. Chris is a key contributor to the firm's KLOC software and, in response to industry needs, led the development of novel floating wind features within the KLOC software. Chris has strong skills and experience in algorithm development for offshore wind, as well as software development and implementation. Chris has been involved in various aspects of energy research for over 20 years, including complex system modelling, data analysis, project management, report writing and programming.

Chris has previously worked at various organisations including Siemens Energy Management, The Sir Joseph Swan Centre for Energy Research, Newcastle University, the Shipbuilders and Ship Repairers Association and Tecnoveritas (Portugal).

Speaker biographies



Michael Mitchell

Business Development Manager - EAD
Siemens Energy

Michael has worked in the subsea sector for the past 12 years, initially concentrating purely on oil and gas. His focus then changed in 2022 to the energy transition and investigating alternative industries for Siemens Energy's wet mate connector and subsea systems portfolio.

Today his attention is very much on floating offshore wind and bringing the firm's wet mate connector technology from oil and gas where it is a fully established part of any subsea system into floating offshore wind.

Speaker biographies



Steve Fernie

Strategy & Policy Director
Global Underwater Hub

Steve Fernie is the Strategy & Policy Director at Global Underwater Hub, a role that sees him identify core areas of focus where products, services and experience can be transferred across numerous underwater markets. In addition, he ensures that the intelligence offering of GUH is value-adding and aligned to the requirements and strategy of members, stakeholders and the organisation itself in realising the opportunities offered by the blue economy.

Steve has over 12 years' experience in market analysis and strategy support across the subsea sector, including eight years managing business intelligence, market analysis, forecasting and strategy for a range of global business units within Subsea7. In addition to UK conventional subsea operations, his remit covered global ROV and bespoke tooling, subsea decommissioning, early-stage energy transition, automation and digitisation, and the associated market-expansion opportunities of these. Steve has previously held intelligence and analysis roles within other key product and service providers within the underwater space.

Exhibiting companies

Harlyn Solutions



Harlyn Solutions is an engineering-led transporting company specialising in moving complex and unique cargo from point of origin to its final destination. The company supports customers globally in solving complex transportation challenges. With our six product lines of subsea power cable and umbilical transportation and storage, unusual cargo movement, end-to-end transportation, bridging inco-terms, mobilisation services, and engineering consultancy, Harlyn Solutions is a leader in delivering engineered transportation solutions.

Whether it is a heavy lift or the movement of something unusual, the company can support, offering a one stop shop to get a client's specialised cargo from anywhere in the world to anywhere in the world. Harlyn Solutions adopts the view of: You make incredible. We move incredible.

www.harlynsolutions.com

Exhibiting companies



HIGHVOLT

HIGHVOLT Prüftechnik Dresden GmbH is a global leader in high voltage and high current test systems, measurement and monitoring equipment with experience of more than 120 years. At the factory in Dresden/Germany, HIGHVOLT develops and manufactures systems for testing, measuring and monitoring electric power equipment used to transfer electrical energy, such as transformers, cables, and switchgears. The long-standing company provides complete solutions with all consulting and maintenance services from entire test bays right down to individual components.

www.highvolt.com

Exhibiting companies



Port of Blyth

Port of Blyth is a modern trust port and a leading UK offshore energy support base with over 1.5km of quayside and 10 deep water berths able to accommodate vessels up to 220m with 10m draft.

Offering mobilisation/de-mobilisation project support for global projects in the offshore renewables sector, Blyth also boasts permanent O&M facilities and rapid response cable repair capability for major OEMs and developers.

The port offers a flexible and cost effective central east coast location, is home to a number of market leading subsea installation companies and has supported major offshore wind installations including the Blyth offshore wind farm, Rampion and East Anglia projects.

www.portofblyth.co.uk

Global Underwater Hub publications

Global Underwater Hub publishes a range of documents that discuss key industry topics. This includes market reports, an annual business survey, whitepapers and standards document, all of which are available from our website, www.globalunderwaterhub.com, where you can also sign up to receive our [weekly e-newsletter](#).

GUH Subsea Cable Systems Whitepaper

www.globalunderwaterhub.com/cables-whitepaper-registration/

Published in February 2025, the whitepaper sets out the challenges facing the offshore renewable energy sector and how the UK can tackle the issue around the reliability and performance of subsea cable systems. The document accompanied the formation of Global Underwater Hub's taskforce examining the same area.



GUH Cable Monitoring Standard

www.globalunderwaterhub.com/Cables-Monitoring-Registration/

This document is designed to give a comprehensive overview of cable monitoring practices over the lifecycle of these major components. Published in July 2025, the document offers an open standard for the selection, installation and use of cable monitoring systems. Feedback on the document is welcome.



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.

Unexploded Ordnance: Mitigation in the Marine Environment

Tuesday, 07 October | **Blyth**

This brand new conference is focused on the critical area of unexploded ordnance in the marine environment. It will explore current practices to raise awareness and identify improvement areas for data collection, knowledge sharing mechanisms and the prioritisation of environmentally sustainable methods of disposal.



Umbilicals Conference 2025

Tuesday, 11 November | **Westhill, Aberdeen**

Global Underwater Hub and the Umbilical Manufacturers' Federation will bring together a range of stakeholders with an interest in the design, manufacture, installation and operation of subsea umbilicals for the annual Umbilicals Conference.



Underwater Robotics Conference 2025

Thursday, 27 November | **Westhill, Aberdeen**

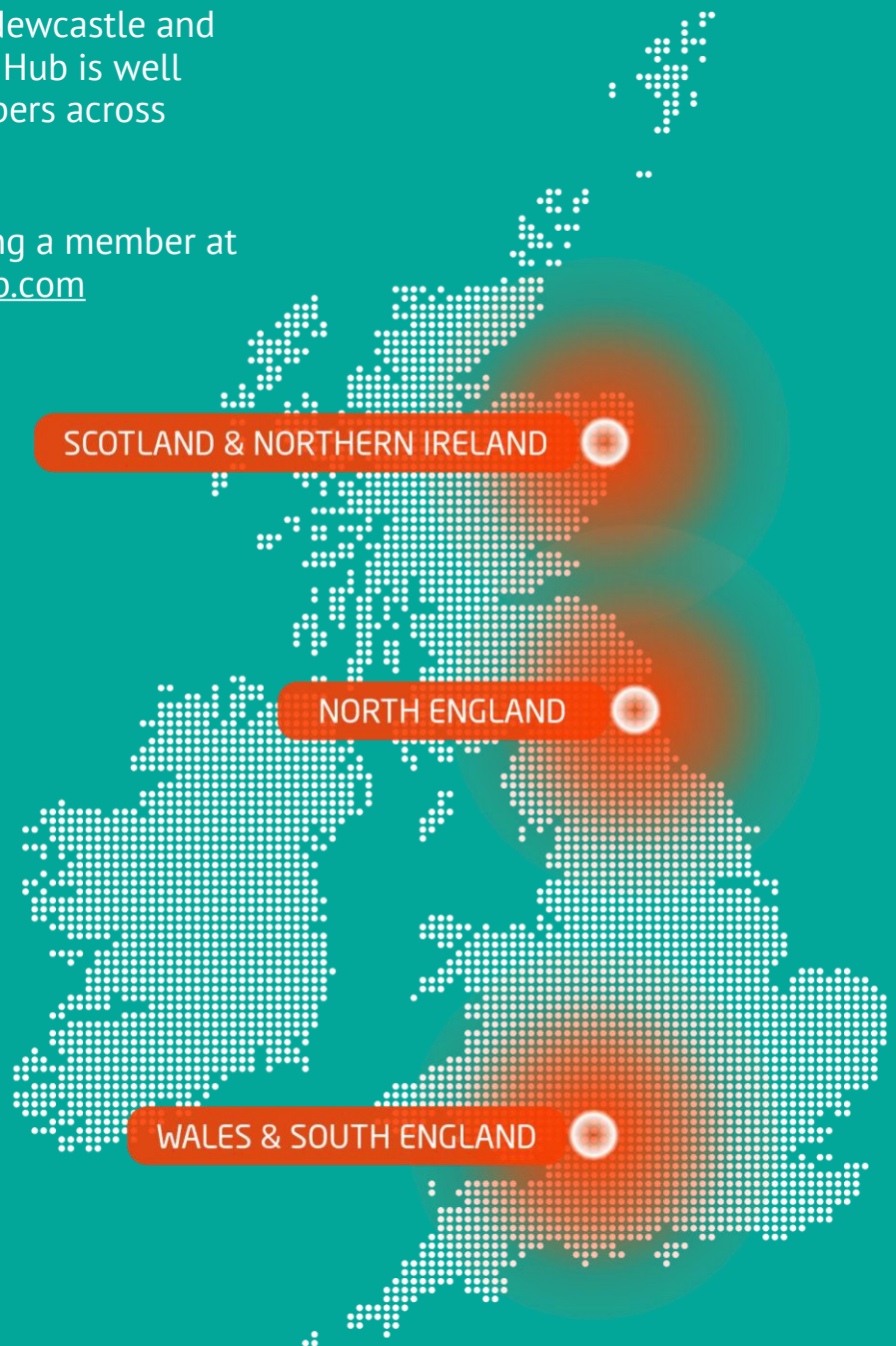
The annual Underwater Robotics Conference provides delegates with the opportunity to explore the wealth of possibilities offered by underwater robotic technology and how it can support the energy transition.



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.

Learn more about becoming a member at www.globalunderwaterhub.com



Access. Connect. Grow.





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