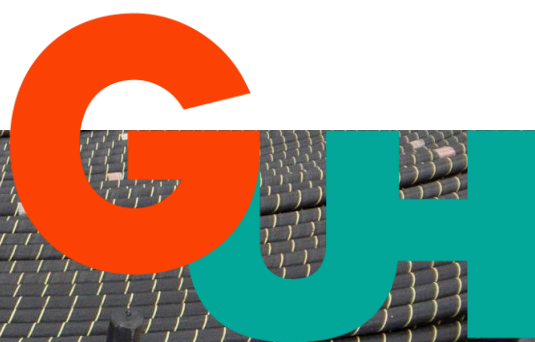


Cables 2025

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.



Cables 2025

Wednesday, 24 September 2025

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

Cables 2025

Wednesday, 24 September 2025

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

Cables 2025

Wednesday, 24 September 2025

Conference programme

08:30	Registration
09:00 – 09:10	Welcome from Neil Gordon, Chief Executive, Global Underwater Hub
09:10 – 09:20	Keynote presentation:
09:20 – 09:45	The developer viewpoint
09:45 – 10:45	Session one – Big investment and infrastructure
10:45 – 11:15	Networking break
11:15 – 12:15	Session two – Testing, handling and installation
12:15 – 13:15	Session three – Operations and maintenance
13:15 – 14:15	Lunch
14:15 – 15:15	Session four – Future innovations and demands: what does the future hold for floating wind and dynamic cables?
15:15 – 16:15	Workshop
16:15 – 16:30	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 companies:

DEEPOCEAN

 FLOTATION ENERGY

MDL

INGENIOUS INSTINCT

cATAPULT
Offshore Renewable Energy


PORT OF BLYTH

proserv

 RenewableUK

SIEMENS
energy

Cables 2025

Wednesday, 24 September 2025

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.

Cables 2025

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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.

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.

Cables 2025

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Session four – Future innovations and demand

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.

Cables 2025

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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.

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

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**

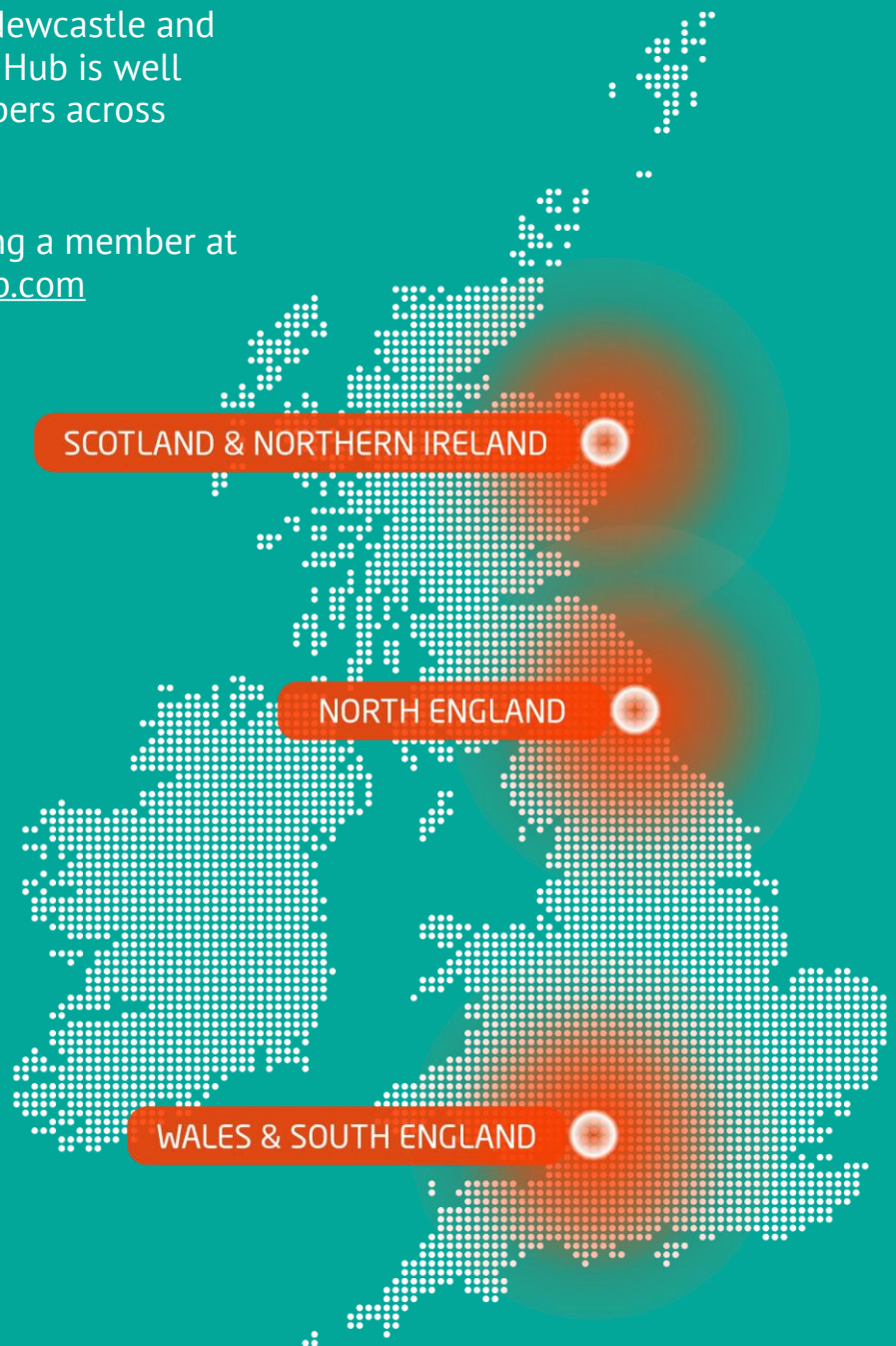
The annual Underwater Robotics Conference provides delegates with the opportunity to explore the wealth of possibilities offered by underwater robotic technology and how it can support the energy transition.



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.





1 Abercrombie Court
Arnhall Business Park
Prospect Road
Westhill
Aberdeen
AB32 6FE

01224 506600
info@theguh.co.uk



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