### WIND EUROPE

Export Market Visit 7–11 April 2025 tradeandinvest.wales



#### + WIND EUROPE

### This is Export. This is Wales.

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Wales is a self-governing constituent country of the UK and the Welsh Government is the devolved Government for Wales.

Devolved since 1999, the Welsh Government's decision-making powers within a small and joined-up country mean we can cut red-tape and act fast.

They also mean we are responsible for our own economic development, working with business to create a prosperous, green and equal economy.

Wales has a strong industrial heritage that has shaped our confident, creative and ambitious economy of today. We have strength in depth in advanced manufacturing, creative industries, energy and environment, financial and professional services, food and drink, life sciences, and technology.

Our commitment to sell Wales to the world has never been more focussed and this mission provides an ideal platform for us to build on established links and discuss future export opportunities.

Wales means business.

Based in Cardiff, **7SteelUK** (formally CELSA UK) is a high volume Electric Arc Furnace (EAF) steel manufacturer, producing 1m tonnes of low CO<sub>2</sub> steel for the construction and engineering sector.



By recycling around 1.2m tonnes of locally sourced scrap through the EAF delivers, 98% recycled content with an Environmental Product Declaration (EPD) of 374kgCO<sub>2</sub>/T, making 7Steel one of the most sustainable steel producers in Europe.

Alongside the EAF production, 7SteelUK has two hot rolling facilities that produce reinforcement and section products. 7SteelUK also has multiple up-stream scrap processing capabilities and down-stream steel fabrication facilities that combine to allow closed-loop circular steel solutions to supply chain resilience.

#### Product/Service

- –Low-CO<sub>2</sub> /high-recycled content steel reinforcement for concrete structures
- Efficient, agile and scalable cut & bend, fabrication and mesh capability to supply reinforcement solutions
- -7SteelUK Circular Steel transforms decommissioning/end-of-life energy assets into new steel product for the Offshore Wind supply chain

#### **Objectives**

The 7SteelUK strategy is to support and align with a resilient local supply chains for Offshore Wind in three main areas:

- -Port Infrastructure Developments
- Fix Based Offshore Wind Developments
- Floating Offshore Wind Developments



Jamie Holling New Business Development Lead

+44 (0)7768 976 403 jamie.holling@brc.ltd.uk

https://www.celsauk.com/

For more than 45 years **Afon Engineering** has specialised in design and prototyping, production and post-production services in machining, fabrication and welding.



They have supported multiple industries including Renewables, Oil & Gas, Petrochemicals, Marine, Nuclear, Steel Making, Construction plus many others.

#### Product/Service

- -Plate Rolling 3000mm wide x 50mm
- -Forming & Pressing 6.1m Long
- High-Definition Plasma Profiling, 360° bevelling – 30m Long x 4m Wide x 90mm thick
- -Gas Profiling -12m Long x 4m Wide x 250mm thick
- -Waterjet Cutting 4m x 2m x 160mm thick
- -- Machining -- CNC Milling -- 12m Long Bed, Machining -- CNC Turning --1170ø x 5m
- -Machining Vertical Borer / Turning 3150mm
- -Fabrication of Assemblies/Pressure Vessels - Circa 150T Single Piece

Recent projects include manufacturing multiple towers/shafts for 20kW wind turbines and, more recently, designing and commencing build of a prototype, innovative solution, a 'turbine in a box' – which is a containerised 15kW wind turbine that extends 15m up through the top of a 40ft container.

#### **Objectives**

Afon's objective is to find new clients with the demand and requirements to use our expertise.



#### Jason Thomas Managing Director

- +44 (0)1792 310 022
- +44 (0)7919 401 268

jason@afonengineering.com

www.afonengineering.com/

Founded in 1981 as Moorhouse Engineering in Bethesda, later becoming **DMM** and relocating to Llanberis in 1986, the company marked 40 years of manufacturing in 2021. Starting with just four employees, DMM now has over 200 staff members.



From the beginning, the goal was to produce the best equipment at the best price—a principle that continues to drive innovation. DMM has developed products for both recreational climbing and industrial markets, with each sector complementing the other.

Innovation is key to growth. Significant investment in facilities, machinery, and product development has ensured DMM remains a leader in its field. Rather than following others, DMM drives progress, creating world-class products from its base in North Wales. With a skilled, loyal workforce and decades of expertise, the company has earned its place as a global leader in climbing and safety equipment.

#### Product/Service

DMM is dedicated to providing world-class safety solutions for working at height. With over 40 years of expertise in climbing and industrial safety equipment, we design and manufacture high-performance fall protection and access solutions trusted by professionals worldwide.

The company supports multiple industries including renewable energy, rope access, arboriculture, and rescue by delivering innovative, reliable, and durable equipment. Their commitment to excellence extends beyond their products – through collaboration, research, and continuous development, DMM ensures their solutions meet the highest safety standards.

DMM engages with industry professionals through training, partnerships, and events, addressing key challenges such as compliance, efficiency, and evolving safety regulations. By combining cutting-edge engineering with real-world insights, they help create safer and more effective working environments across the wind energy sector and beyond.



#### **Objectives**

DMM's goal at WindEurope is to connect with industry professionals and showcase how their expertise in safety equipment can support the wind energy sector. With over 40 years of innovation in climbing and industrial safety, DMM aim to provide world-class solutions for working at height in wind turbine maintenance and construction.



Alex Smith Professional Market Sales Manager

+44 (0)1286 872 222

+44 (0)7775 662 399 alex@dmmwales.com

https://dmmwales.com/

### **Halton Marine** products are specifically designed for demanding conditions.



In addition to multiple wind turbine, windfarm and substation projects, the company has delivered products for over 200 oil & gas projects, over 150 major cruise ships and over 100 naval vessels. Type approvals from the major classification societies and worldwide references are a solid proof about product quality.

As a reliable manufacturer Halton Marine has also certifications including ISO 9001, ISO 14001, OHSAS 18001 and ATEX. Halton Marine is also qualified by FPAL and the Achilles Joint Qualification System, for suppliers to the oil & gas industry.

#### Product/Service

Designing and manufacturing extensive range of HVAC equipment to include:

- -Fire Dampers
- -Shut off/isolation Dampers
- -Blast Dampers
- —Pressure Relief & Non Return Dampers
- —Intelligent volume control/constant volume Dampers
- -Moisture and Salt Eliminators
- -Bespoke customer specific Dampers

#### **Objectives**

To meet with key stakeholders throughout the supply chain from owner operators through to HVAC contractors to discuss how Halton can assist with existing projects and develop the products of the future.





#### James Parr Sales Manager

+44 (0)7967 340 360 james.parr@halton.com

Lee Bramald Business Development Executive

+44 (0)77989 691 341 lee.bramald@halton.com

www.halton.com

Marine Energy Wales (MEW) is an organisation focused on supporting the development and growth of marine energy technologies in Wales.



It serves as a network and collaboration platform for businesses, researchers, and stakeholders working in the marine energy sector, including tidal, wave, and floating offshore wind energy technologies.

MEW works to promote Wales as a hub for marine energy innovation and to advance the commercial deployment of these technologies. Their goal is to accelerate the transition to clean, sustainable energy while maximising the economic and environmental benefits for Wales.

#### Product/Service

Marine Energy Wales provides support through policy advocacy, industry events, research, and connecting businesses with key resources.

#### **Objectives**

- Promote Wales as a leader in Marine Energy, with a particular focus on offshore wind.
- —Strengthen MEW network through building relationship with industry leaders, policy makers, research organisations and potential investors.

—Support the Welsh Government to attract investment and funding for Welsh marine energy. Marine Energy Wales can actively engage with potential investors and present the financial and strategic benefits of investing in Wales' marine energy sector.



Charles Allen Floating Offshore Wind Project Manager

+44 (0)7791 991 916 charles.allen@ marineenergywales.co.uk

www.marineenergywales.co.uk/

# Marine Power Systems are redefining deep-water offshore wind energy generation.



By challenging conventional thinking and rigorously testing their technology, they address the industry's biggest challenges – supply chain limitations, deployment complexities, scalability, cost and risk. They are striving to make deep-water offshore wind power a practical reality.

Their PelaFlex solution offers a clean, simple and scalable approach. It streamlines project delivery by transitioning seamlessly into deeper waters using existing offshore wind infrastructure. Using current key supply chain capacity is central to the robust and certain delivery model they offer, reducing the risk profile of any deep-water project.

They are taking offshore wind further.

#### Product/Service

MPS provide a range of engineering services to highlight PelaFlex's technical, commercial and local economic benefits for wind farm developments, before and after seabed lease

MPS offer a complete platform solution at the quayside, supported by reputable delivery partners. Project specific commercial models can be tailored to customer needs.

#### **Objectives**

To share with key industry stakeholders how MPS is setting the industry standard for the deployment of deep-water offshore wind.

To explore commercial and collaboration opportunities with partners and clients to leverage their more efficient, less complex solution to making deep-water wind economically viable.



Anthony Glick Business Development Manager

- +44 (0)1792 277 160
- +44 (0)7592 101 820

anthony.glick@

marinepowersystems.co.uk

**Qualitek Engineering** is a precision engineering and fabrication company based in South Wales, UK, with a history dating back to 1968.



The company specialises in CNC machining, fabrication, welding, powder coating, and design support, serving industries like automotive, oil and gas, nuclear, renewable energy, and construction.

Committed to quality, Qualitek holds ISO 9001:2015 and EN 1090 EXC 2 accreditations. The company focuses on collaborative, customerdriven solutions, building long-term partnerships.

#### Product/Service

- CNC Machining High-precision milling and turning for complex components.
- Fabrication & Welding Certified welding and metal fabrication for structural and industrial applications.
- Powder Coating & Finishing –
   Durable and high-quality coating services to enhance product longevity.
- Reverse Engineering Utilizing a CMM (Coordinate Measuring Machine) to accurately measure, inspect, and replicate existing components for repair or reproduction.

- Design & Prototyping CADsupported design services for product development and innovation.
- Component Assembly Full or partial assembly of engineered components.



Dafydd Johnston Projects Development Manager

- +44 (0)7487 515 938
- +44 (0)1554 740 100

www.qualitekeng.co.uk

**Robertson Geo** is a leading UK based manufacturer of borehole logging equipment for sale or rental and a provider of ground investigation services.



With over 40 years' experience in the field of wireline logging, Robertson Geo has been continually innovative in the development of its comprehensive range of geophysical logging probes and associated equipment.

#### Product/Service

Borehole logging equipment selling to more than 160 countries, supported by offices in UK, USA and Asia with more than 25 approved agents worldwide. As an original equipment manufacturer, we can accommodate all your needs for borehole logging.

Unique in the industry, our in-house borehole logging team, Robertson Geo Services (RGS), provide ground investigation services and manage borehole logging equipment rentals worldwide. Geophysical logging equipment development benefits from RGS feedback, whose expertise is also used for commissioning and training to support our sales customers.

In OWF geotechnical investigations, the PS Logger® probe is routinely used to determine Poisson's ratio and shear strength. We are now offering borehole NMR to the OWF market enabling the determination of porosity and the distribution of those fluids as a function of pore geometry.

#### **Objectives**

Strengthen our existing relationships with industry leaders, while showcasing our expertise and talents to newcomers to the OWF market.



Mark Scarisbrick Senior Geophysical Logging Engineer

- +44 (0)1492 582 323
- +44 (0)7851 976 522

mscarisbrick@robertson-geo.com

www.robertson-geo.com/

## Windfarm Worksafe is a sub-division of **Workplace-Worksafe Ltd**, which was established in 2005.



Specialising in products for the wind energy sector, we have been involved with supply chains for the wind farm markets for over 15 years, working with wind farm owners, operators, and maintenance teams, as well as contractors on the different sites around the UK & Europe.

#### Product/Service

Windfarm Worksafe provide a range of innovative, high-quality transportation and lifting systems, helping to protect windfarm teams and improve the efficiency of windfarm assets.

Their safety equipment protects sensitive electrical and mechanical components, during the transportation and lifting of these critical items.

Their DeltaSAFE & SiTSAFE inverter protectors, ensure components are transported to windfarm sites, and into the towers, fully protected and ready to go.

Wind farm owners and operators are continuously looking for new and innovative ways to reduce ongoing operational & maintenance costs. Windfarm Worksafe's products provide longer term cost savings and a reduction of manual handling tasks, resulting in additional man hour savings on the sites. Their products are proven to save O&M operators 600 man hours per year on site.

#### **Objectives**

Windfarm Worksafe's aim is to raise awareness of their range of transportation and lifting systems and to meet windfarm owner/operators plus windfarm operations and maintenance companies (both onshore and offshore). The company is also interested in meeting manufacturers of windfarm inverter modules.



#### Rhian Parry Managing Director

+44 (0)1824 709 500 rhian@workplace-worksafe.co. uk

www.windfarmworksafe. co.uk



Tel: +44 (0)3000 603000

Web: tradeandinvest.wales

Linked-In: linkedin.com/showcase/trade-&-invest-wales

Facebook: facebook.com/InvestWales

Instagram: @InvestWales

X: @InvestWales

#### Leigh Jacka

Trade Missions & Exhibitions Manager

+44 (0)7814 984 790

leigh.jacka@gov.wales

**Cymru Wales** is the Welsh Government supported marketing initiative for Wales.





The Cluster embraces a number of areas, with wind energy being a major component, given the impressive array of wind farms around the Welsh coast.

Furthermore, the Crown Estate's 4.5 GW Round 5 seabed leasing programme presents a major opportunity to grow the sector in Wales.

Meet our Cluster at Wind Europe 2025.

Contact Tony Aggarwal, Cluster Manager on behalf of Welsh Government <a href="mailto:taggarwal@kinetic3.co.uk">taggarwal@kinetic3.co.uk</a>



