
THIS IS EXPORT. THIS IS WALES.

ADIPEC 2024

Export Market Visit

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This is Export. This is Wales.

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Pierhead, Senedd and
Wales Millennium Centre, Cardiff Bay

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.

Cokebusters is an international company specialising in the mechanical decoking and associated inspection of fired heater process tubes.



From its headquarters in the United Kingdom and the United States, Cokebusters and Cokebusters USA consistently deliver high quality services to the oil refining industry across the globe.

Established in 2005, Cokebusters has extensive experience in the niche activity of fired heater tube maintenance and has become a leading centre for independent scientific advancement of decoking and inspection technology.

In 2018 Cokebusters was awarded The Queen's Award for Enterprise in International Trade, the UK's most prestigious award for business in recognition of the ongoing commitment of the business to innovate, develop and continue to grow within a demanding global market.

Cokebusters is approved to the following standards; ISO 9001:2015, ISO 14001:2004, BS OHSAS 18001:2007 and PAS99:2006.

Product/Service

Mechanical Decoking | Pigging
Cokebusters patented Scraper Pigs have been shown to cut through coke with a unique combination of speed and efficiency.

Tube Inspection | Smart Pigging
Cokebusters has invested heavily in

scientific research and development of this technology. The result is a world class service offering detailed analysis of mechanical decoking and intelligent ultrasonic inspection.

Combined Service

Combining Mechanical decoking with smart pigging on site brings significant benefits of time and cost efficiency.

Objectives

To showcase Cokebusters services to existing and potential clients and develop new contacts within the refining and associated industries to secure future projects.



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Concrete Canvas (CC) manufactures, Concrete Canvas® (CC) GCCM (Geosynthetic cementitious composite mat), and CC hydro™ (CCH) GCCB (Geosynthetic cementitious composite barrier).

**CONCRETE
CANVAS**
Concrete on a Roll

All products are manufactured at the company's headquarters in Pontyclun near Cardiff in South Wales from where it exports to over 80 countries around the world. Concrete Canvas GCCM has quickly gained market acceptance in the civil engineering sector as a cost-effective alternative to conventional concrete in a wide range of applications.

Product/Service

Concrete Canvas® is part of a new class of construction materials (GCCMs). It is a flexible, concrete-filled geosynthetic, that hardens on hydration to form a thin, durable, waterproof and fire-resistant concrete layer. Essentially, it's concrete on a roll. CC allows concrete construction without the need for plant or mixing equipment; just add water.

CC applications include channel lining, slope protection and containment. CC is twice as abrasion resistant as standard OPC concrete, has good weathering performance and UV resistance. CC hydro™ is an all-in-one impermeable liner for containment applications including bund and lagoon lining.

Objectives

CC signed a sales partner in the UAE in 2019 to broaden the company's reach within the Middle Eastern market. CC hopes to reach a broad range of clients, contractors and consultants to maximise the potential of the market and in the Middle East region.



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Since establishment in the 1980's, **ESI Technology Ltd** has been at the heart of the pressure measurement industry, specialising in the design and manufacture of pressure transducers and pressure transmitters.



Focus has been on specialist applications using state-of-the-art sensing technologies including the innovative Silicon-on-Sapphire strain gauge. Due to extensive expertise in such a niche field, the ESI team can analyse and interpret customer specific requirements and create a product that meets, and more often than not exceeds, the exact needs of the application in order to eradicate any compromise from the customer.

The most outstanding developments from ESI are the Silicon-on-Sapphire sensor technology and the new GD4200-USB digital pressure transducer. Silicon-on-Sapphire (SOS) sensor technology has redefined the performance capability of pressure measurement instrumentation in the industry. This technology demonstrates excellent insulation properties, unbeatable performance with high overpressures and virtually no hysteresis, superb repeatability and excellent chemical compatibility.

The new GD4200-USB is a unique product in the pressure measurement arena. It makes pressure measurement simple and portable, reducing the need for expensive data loggers. It has all the advantages of SOS, sample rate of 1000Hz and is available in ranges up to 5,000 bar.

Product/Service

Designer and Manufacturer of Pressure transducers, transmitters and sensors.

Objectives

To build on significant oil, gas and subsea experience and customer base, as well as welcome new customers.



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Future Geoscience is a leading-edge joint venture between PetroStrat and Chemostrat, committed to delivering high-quality, multidisciplinary geoscience solutions.



With expertise spanning conventional and unconventional wellsite services, Carbon Capture Utilization and Storage (CCUS), and advanced reservoir quality enhancement, Future Geoscience offers a comprehensive, integrated approach to subsurface geoscience. Our mission is to serve as a one-stop shop for oil and gas (O&G) companies and energy transition initiatives, driving innovation and providing unparalleled geoscientific insights to optimize exploration, production, and sustainability efforts in the energy sector.

Product/Service

- Bio & Geo Steering Horizontal Drilling
- Integrated Wellsite Solutions on Conventional and Unconventional (NaviStrat)
- Subsurface Studies on Carbon Capture Utilization and Storage (CCUS)
- Enhanced Advanced Reservoir Quality Analysis (EARQ)
- Seal Integrity and Forensic Evaluations Solutions (FREA)
- Training Hub
- Data Science & AI on Rock Typing and Reservoir categorisation
- Mining and High-Resolution Metal Analysis
- Environmental analysis, Water Treatment

Objectives

Future Geoscience is dedicated to providing cost-effective, integrated wellsite services that revolutionize horizontal drilling through a unique steering approach. This solution

significantly reduces operational costs and time both onshore and offshore, while contributing to environmental sustainability and carbon footprint reduction. Our approach is fully tailored to the complexities of each field's geology and regional characteristics, offering an unrivaled tool for drilling through barren sequences, structurally complex reservoirs, and at sub-seismic resolution. In addition, we leverage advanced AI-driven analytics in conventional studies, optimizing reservoir data and enhancing correlations across fields to deliver superior geoscientific insights and operational efficiency.



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Growth.

The vibrant capital city of Wales – Cardiff is one of the fastest growing cities in the UK. It is also just two hours on the train from London.

Halton Marine, Energy and Infrastructure is a global leader in marine HVAC solutions, specializing in the development, manufacturing, and marketing of high-quality, reliable ventilation systems.

Halton

Our products are engineered for a wide range of applications, including various types of ships, offshore oil and gas platforms, heavy industries, offshore wind farms, and nuclear projects.

With a proven track record, we've successfully delivered solutions to over 200 major cruise ships, 200 oil and gas projects, and 150 naval vessels worldwide.

Product/Service

Our extensive product portfolio includes, but is not limited to:

- Fire dampers
- Shut-off dampers
- Isolation dampers
- Blast dampers
- Volume control dampers
- Pressure-relief and non-return dampers
- Tunnel dampers

Objectives

Halton is looking to meet with key customers and develop its business across the region.



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Holyhead Towing was established in 1966. The company owns and operates a fleet of ultra-shallow draft anchor and barge-handling tugs.



Their high-specification vessels and experienced crews are typically engaged in support of pipe laying, cable laying, installing structures, dredging, construction, and survey work, usually in tricky shallow water areas. The unique and specially designed 30T BP Afon Menai has the shallowest draft-to-power ratio of any anchor-handling tug in the world.

Holyhead Towing is located on the Isle of Anglesey in beautiful North Wales but operates globally; its vessels work in the UAE, Saudi Arabia, the Arabian Gulf, Africa, and Europe.

Product/Service

We operate:

- Ultra-shallow water tugs
- Anchor handling tugs
- Multicats
- Multi purpose shallow water vessels

Objectives

While the company's ownership has recently changed, the management team remains in place. Importantly, the new shareholders will provide additional investment, allowing Holyhead Towing to look to the future confidently and to maximise the opportunities that come from being a

leading global shallow-draft workboat operator. Consequently, the company is very keen to develop new business relationships.

Their long-term clients include J Ray McDermott, Saipem, Van Oord, Boskalis, And NMDC Energy.



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Established in 1990, **Imtex Controls**, headquartered in the UK, is a privately owned engineering design and manufacturing company.



Imtex Controls is an independent manufacturer of advanced valve communication systems and the unique Camtorc high-performance range of pneumatic and hydraulic valve actuation systems. The company serves critical industries sectors such as energy, chemical, power generation, and marine.

Product/Service

The valve communication product line includes valve monitoring and transmitter systems (4 to 20 mA and digital), diagnostic controllers, and partial stroke testing (PST) systems for shutdown and blowdown valve applications. Additionally, specialized hazardous area systems (Ex ia, Ex d, Ex me and Ex n) are designed to ensure safety in volatile environments.

Complementing the valve communication technology, Imtex Controls offers the renowned Camtorc actuator range, featuring pneumatic and hydraulic actuators, extreme service actuators constructed from 316 stainless steel for use in harsh conditions, and electro-hydraulic actuators for precision control. All products are manufactured to meet stringent international standards, ensuring reliability and safety in even the most demanding industrial applications worldwide.

Objectives

- Introduce Imtex Controls and the product range to key stakeholders
- Establish relationships with key stakeholders
- Demonstrate the Valvescan Diagnostic Monitoring System
- Gain contacts for procurement opportunities
- Re-connect with existing customers



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Harnessing the power of minerals to solve environmental and industrial challenges with innovative mineral-based solutions.



IONA Minerals vision is to develop a portfolio of value-added and sustainable mineral products, processes and applications to industry.

IONA Minerals provides innovative mineral-based solutions, to help mitigate vast environmental pollution challenges – land pollution, water pollution and air pollution. Due to the minerals unique properties, the company provide economical and sustainable solutions to vast challenges faced across many of today's industries.

Product/Service

The minerals have proven applications across diverse and multiple-industry sectors:

- **Oil** – for use in environmental protection, remediation and pollution control to capture and clean-up oil and petrochemical spills;
- **Gas** – to capture various gases and emissions, such as Carbon Dioxide (CO₂), Ammonia (NH₃), Methane (CH₄) and Nitrous Oxide (NO_x);
- **Mining** – to capture various metal pollutants, such as Zinc (Zn), Lead (Pb) and Copper (Cu) that have leached from abandoned mines into watercourses, lakes and rivers;
- **Wastewater** – to capture a range of contaminants from wastewater and industrial waste streams, such as Ammonium NH₄.

Objectives

- Supply natural minerals for various environmental and industrial applications;
- Identify Research and Development (R&D) collaboration opportunities to co-develop and commercialise novel products, processes and technologies.



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For over 25 years, South Wales, (UK), based **Reid Lifting** have been combining innovative design with expert engineering to create an extensive range of highly versatile, lightweight, portable, aluminium gantries, davits and ancillary equipment for the global material hoisting and safety marketplaces.



Reid is a fast growing, multi-award winning, quality assured, specialist manufacturer which holds a number of prestigious patents and operates internationally through a network of trusted, sale and service Channel Partners.

Product/Service

Reid offers an extensive range of highly portable, marine grade, aluminium gantries with working load capacities up to 5t and davits up to 1t, that are internationally accredited for 'dual use' (materials and personnel) hoisting operations and EX environmental use. Unique design features aid manual assembly, efficiency in adjustment, operation and absolute safety use.

Reid products are highly utilised within leading commercial hire fleets across Europe, the USA and Australia and are trusted daily by workers across the globe to safely and efficiently manoeuvre materials, machinery and people in a diverse range of otherwise, potentially hazardous environments. Reid's 'end user' customer base includes leading energy, water, transport, mineral extraction, engineering, manufacturing, government, construction organisations.

Objectives

To improve workplace hoisting operational efficiencies and safety.



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Decision making.

Wales is a connected country with a devolved Government for fast decision making from Ministers. The Senedd is home to our Welsh Parliament.

Rhino HySafe (HySafe) was formed in 2021 as part of the Rhino Engineering Group. HySafe embarked on an ambitious R&D programme to provide a venting solution (fast acting explosion relief panels) that could mitigate against the challenging effects of hydrogen/air explosions.



This included the successful completion of full-scale explosion testing carried out at DNV Spadeadam, with Lloyds Register to acting as an independent witness.

Product/Service

The HySafe *Vertex* range of explosion relief panels have been specifically designed for venting hydrogen/air explosions and explosions involving other more reactive flammable gases. These vents provide a passive, rapidly acting and safe path through which blast overpressure, flame and combustion products may be directed before damaging levels of overpressure can accumulate within a piece of equipment or a building.

HySafe also designs custom-built explosion venting solutions to meet any project-specific applications.

Objectives

The primary objective for this visit is to introduce HySafe's new range of Explosion Relief Panels which were specifically designed to mitigate the effects of Hydrogen based explosions. Despite being designed primarily with for the Hydrogen Industry, the new

product is also well suited to other energy sectors including Battery Storage Facilities Transformer stations on wind/solar farms, and the Oil and Gas industry.



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Founded in 1927, **Teddington** design and manufacture Bellows and Expansion Joints, lodging a patent for one of the original bellows designs in 1928. Sizes range from 10mm to 8m and pressures up to 300 Bar.



An undoubted rich history in the industry, specifically supplying Abu Dhabi since the 1970s with projects at DAS Island in 1973. Teddington has references with all major oil companies and EPCs, specifically in the Middle East with major Oil and Gas clients such as ADNOC, QP, RasGas, North Oil Company Iraq, KOC, KNPC, Shell, BP, Exxon, Sabic and Aramco. Teddington is also the first ever manufacturer of LNGc cryogenic bellows and the only LNGc bellows manufacturer to be members of Expansion Joint Manufacturers Association (EJMA). Other market sectors with key experience include Nuclear and Conventional Power Generation, Aerospace and Defence, Marine, Steel Making and other process plants. For 95 years Teddington has been a world leader and is recognised as such being members of the Expansion Joint Manufacturers Association (EJMA). This code is followed by all bellows/expansion joint manufacturers and it is our role to help develop all future revisions to the code.

Product/Service

- Metallic expansion joints/bellows
- Rubber bellows
- Fabric bellows
- PTFE bellows and flexible hoses
- FCCU Expansion Joints

- Balance of plant pipework bellows
- Steam generator bellows

Objectives

Teddington's objectives will be to continue to enforce their reputation within the sector and to discuss future projects with key customers. Teddington will also be discussing technical and commercial requirements with ADNOC relating to current contracts. Finally, Teddington will be open to meet with many potential new customers to help forge relations for future business.



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Established in 1953, with offices across the globe, **Tomoe** has become a global leader in the production of high quality and technically advanced butterfly valves, actuators and control systems.



Product/Service

The Tomoe range of butterfly valves is one of the finest and most comprehensive available, offering unparalleled levels of leak tightness, valve longevity and wear resistance. Products include:

- Rubber lined butterfly valve
- PFA lined butterfly valves
- Double offset and triple offset butterfly valves

Objectives

Tomoe Valve would like to expand its presence in the Middle East and make customers fully aware of the company's capabilities.



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Wall Colmonoy (WCL) has been established in Pontardawe, South Wales for 47 years. WCL is an advanced materials manufacturing company with world class metallurgical technical capability.



Wall Colmonoy Limited exports to Europe, Scandinavia, MENA, South Africa and India, serving customers in oil and gas with high-quality surfacing alloys, precision engineered components, expert application consultation and field assistance. WCL also supplies aerospace, automotive, glass, food and steel industries.

Product/Service

Wall Colmonoy (WCL) is an advanced materials engineering company specialising in the design, development and manufacture of Colmonoy® and Wallex® for surface coatings and Nicrobraz® brazing alloys for high temperature joining of metals.

Wall Colmonoy's range of ColWear Vacuum Fused Wear Plates also offer a unique solution to the most aggressive problems in wet or dry, hot or cold oil and gas environments. Wall Colmonoy also manufactures Precision Castings, with a state-of-the-art foundry and machining facility that produces castings, heat treatment and full component manufacture for many Oil and Gas customers – all from one source.

Wall Colmonoy's WallCarb™ coatings for mud motor bearings and turbo drills, continue to outlast standard industrial alternatives and are a proven solution to extending the lifetime of key components in the Oil and Gas industry, providing exceptional bearing properties in the harshest of environments.

Objectives

Wall Colmonoy is seeking to reinforce relationships with existing customers and to meet new potential customers with the fundamental aim of growing its position and reputation in the oil and gas sector.



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Xylem is a leading global water technology company committed to solving the world's critical water challenges with innovative and smart solutions.



At the forefront of their product line for the oil and gas, marine, and offshore sectors is the Chloropac® hypochlorite generation systems, which are designed to provide efficient and reliable biofouling control, essential for maintaining the performance and longevity of critical water-cooling and ballast water systems. Chloropac® systems utilize a patented* cell design to produce sodium hypochlorite on-site through electrolysis using electricity and seawater offering a continuous and controlled method to prevent the growth of marine organisms in seawater systems. This on-site generation eliminates the need for hazardous chemical handling and storage, significantly enhancing safety and reducing logistical challenges.

Product/Service

In the oil and gas industry, Chloropac® systems are vital for safeguarding heat exchangers, seawater cooling systems, and firefighting systems from biofouling, ensuring uninterrupted operations and compliance with stringent environmental regulations. For marine and offshore applications, these systems are crucial in protecting vessel seawater intakes and cooling systems, thereby optimizing vessel performance and reducing maintenance costs. With a strong track record of reliability and effectiveness,

Xylem's Chloropac® system continues to be a trusted solution for biofouling control in the most demanding environments.

Objectives

Promote the companies products and services as a leading provider of Marine growth prevention system. Meet new business partners. Connect with current and new customers.



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