



SWL ENGINEERING LTD
INNOVATION AND TECHNOLOGY MANAGEMENT

SWL ENGINEERING

CAPABILITY STATEMENT



SWL ENGINEERING

Precision. Integrity. Innovation.

Located at the heart of Barrow-in-Furness, part of Britain's historic "Energy Coast", SWL Engineering Ltd delivers precision engineering solutions across defence, energy, offshore, and industrial sectors. Founded in 2023 and based in Barrow in Furness, Cumbria, SWL is a dynamic micro-business driven by a passion for excellence



OUR EXPERTISE & APPROACH

Our Expertise

- **Hydraulic & Pneumatic Systems:** From rigorous testing and diagnostics to repair and installation, we design and maintain systems that keep your operations running smoothly for critical applications, be it offshore rigs, nuclear facilities, or coastal infrastructure.
- **PSSR Inspections:** Our team excels in specialising in PSSR 2000 inspections, delivering expert pressure system assessments, compliance reporting, and safety assurance. Our certified engineers ensure reliability, efficiency, and full regulatory compliance across all pressure equipment.
- **Fabrication & Mechanical Engineering:** Our team excels in tailored fabrication, mechanical fitting, and assembly—building robust assemblies for demanding environments.
- **Bespoke Engineered Solutions:** We provide bespoke engineered solutions tailored to meet the unique needs of the engineering marketplace. By combining technical expertise, innovative thinking, and close client collaboration, we deliver custom designs and systems that enhance performance, efficiency, and reliability.
- **Our Approach** Collaborative at our core, we partner with clients from concept through completion. Whether delivering turnkey equipment packages or offering on-site support, we ensure seamless communication, transparent timelines, and budget-conscious solutions.

OUR STRENGTHS

Our Strengths

- Decades of combined experience across defence, oil & gas, renewables, nuclear, and heavy industries
- Agile, responsive, and rapid adaptation to project changes
- Based in Barrow, we utilise our local supply chains, skilled talent, and strategic proximity to BAE's shipyard and expanding offshore energy infrastructure
- Project Management.

Why Choose SWL Engineering?

- **Built on Trust:** A young company with seasoned roots, upholding professional standards and reliability
- **Tailored Design:** You get custom solutions, not off-the-shelf products, to meet exact specifications
- **Local Know-how, Global Standards:** We serve local industries with world-class engineering techniques

WHAT WE ARE WORKING ON

PLANT MAINTENANCE

SWL Engineering Ltd provides expert plant maintenance, specialising in hydraulics, pneumatics, and mechanical systems to ensure safe, efficient, and reliable industrial operations across Cumbria.

INDUSTRIAL BUILDINGS

SWL Engineering Ltd delivers expert support for industrial buildings, including fabrication, mechanical & electrical installs, maintenance, and bespoke engineering solutions tailored to complex site requirements.

TESTING & COMMISSIONING

SWL Engineering Ltd offers precise inspection, testing and commissioning of hydraulic, pneumatic, and mechanical systems, ensuring optimal performance, safety, and compliance across industrial operations.

HYDRAULIC & PNEUMATIC SERVICES

SWL Engineering Ltd delivers expert hydraulic and pneumatic services, including PSSR inspections, design, installation, testing, and repairs—keeping your systems running safely, efficiently, and with minimal downtime.



WHAT WE ARE WORKING ON

INNOVATION & TECHNOLOGY MANAGEMENT

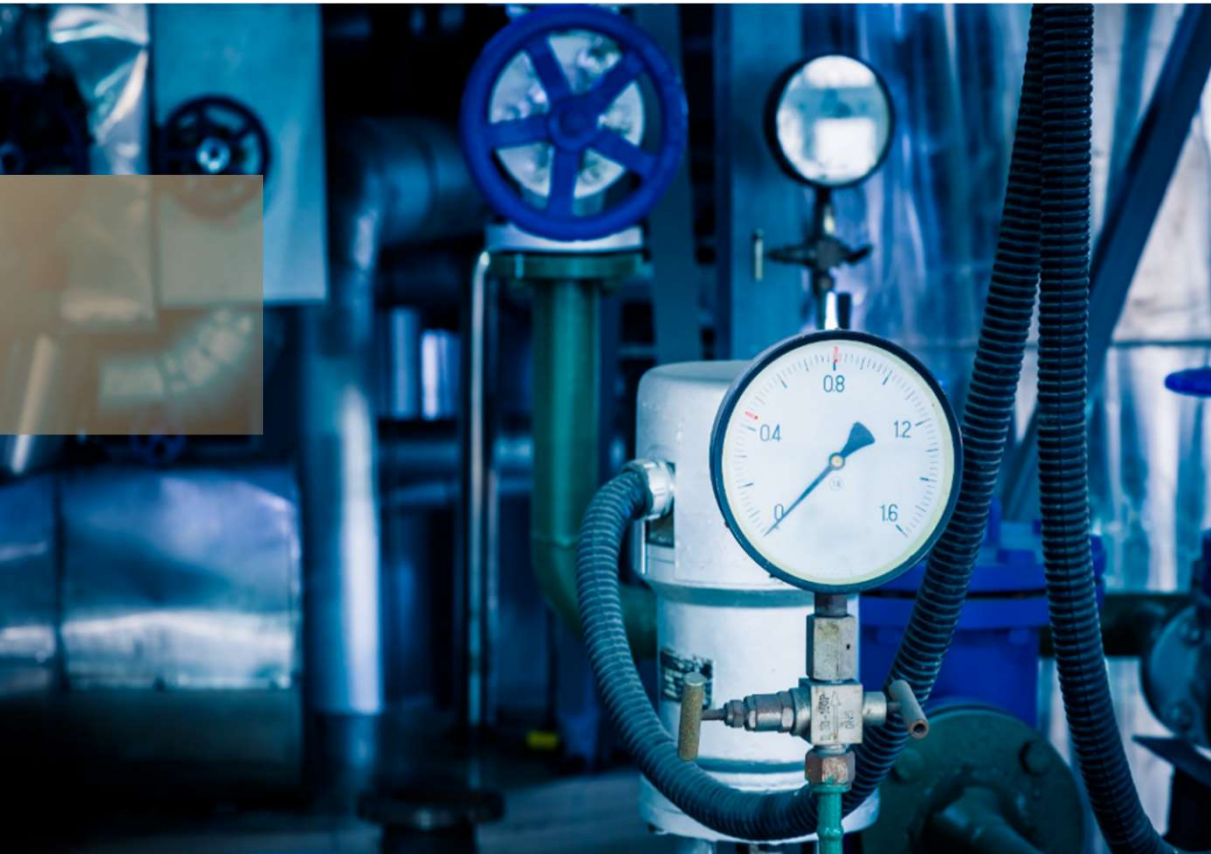
SWL Engineering Ltd drives innovation through smart tech, agile methods, and continuous improvement, delivering cutting-edge, efficient, and future-ready solutions for complex engineering challenges.

PROJECT & QUALITY MANAGEMENT

SWL Engineering Ltd ensures projects are delivered on time, on budget, and to spec, combining robust planning with strict quality control for reliable, compliant, and high-performance results.

BESPOKE ENGINEERING SOLUTIONS

SWL Engineering Ltd delivers bespoke engineering solutions tailored to client needs, combining innovation, precision, and flexibility to solve complex challenges across diverse industrial sectors.



ABOUT OUR SERVICE PROJECTS

SWL Engineering Ltd is proud to have secured a key contract to inspect, service and maintain coatings and blasting equipment for a Tier 1 contractor supporting BAE Systems in Barrow in Furness. This milestone reinforces our growing reputation for reliability, technical excellence, and responsive support in high-integrity environments. Alongside scheduled maintenance, rapid repairs, and performance optimisation, our team will also deliver expert PSSR testing services to ensure full compliance and safety. We're honoured to support a vital link in the UK's defence supply chain and look forward to a strong, trust-driven partnership.



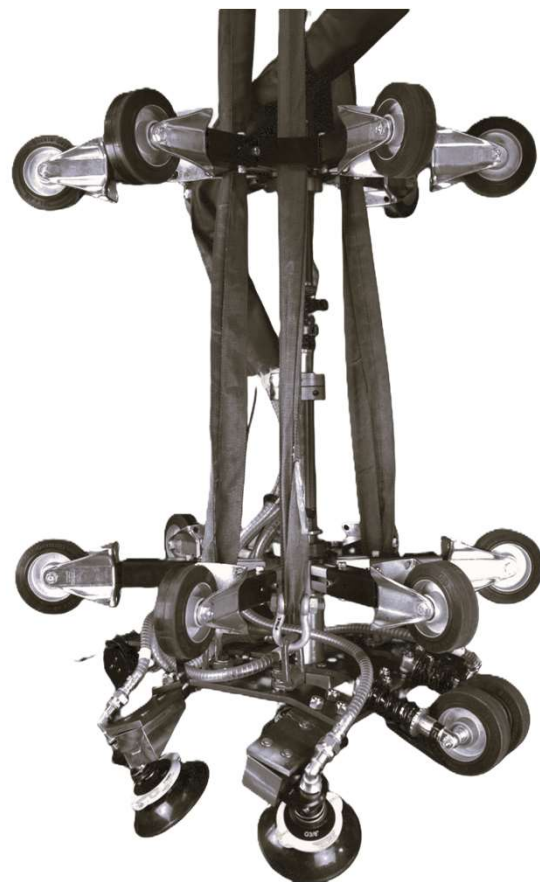
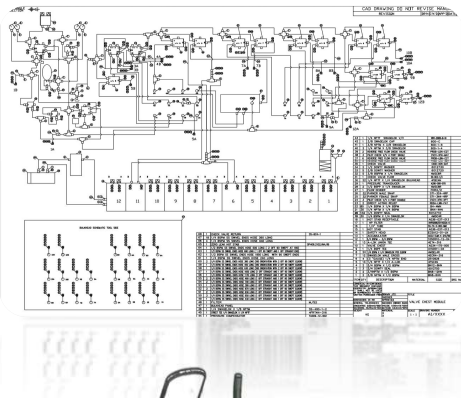
ABOUT OUR MARINE PROJECTS

SWL Engineering Ltd is proud to have also secured a key contract with a Tier 1 contractor to service and maintain aftercoolers on marine vessels supporting the offshore renewable energy sector from Barrow-in-Furness. This win highlights SWL's growing reputation for reliability, technical expertise, and responsive service in critical marine and energy environments. Our team will deliver planned maintenance and rapid-response support, ensuring optimal performance and extended service life of vital equipment. It reflects our commitment to supporting the UK's green energy transition with high-quality engineering solutions.



ABOUT OUR ENERGY PROJECTS

SWL Engineering is proud to support the local energy industry through the reliable supply and expert maintenance of both pigging and hydraulic systems. Our experienced team delivers safe, efficient, and cost-effective pipeline cleaning, inspection, and hydraulic services. We provide tailored pigging solutions, responsive hydraulic support, and structured maintenance programmes to optimise performance, minimise downtime, and help our client maintain operational integrity and full compliance across their assets.



ABOUT OUR EXPERIENCE

SWL Engineering's team brings decades of experience across the marine, defence, oil & gas, and power sectors. Our multidisciplinary expertise spans the full lifecycle of engineering solutions, from concept and product design through to precision manufacturing, fabrication, and in-field service support. We design and build robust, bespoke equipment to meet exacting industry standards, ensuring reliability in the most demanding environments. Our skilled engineers, fabricators, and technicians work closely with clients to deliver safe, cost-effective, and innovative solutions.

Whether it's hydraulic systems, lifting equipment, pigging tools, or structural fabrications, SWL Engineering is trusted for quality and performance. Our service team provides ongoing maintenance and support, minimising downtime and ensuring long-term operational success. With a deep understanding of industry needs and regulatory compliance, we are a proven partner across high-stakes engineering sectors.






"The best way to predict the future is to create it."

Peter Drucker

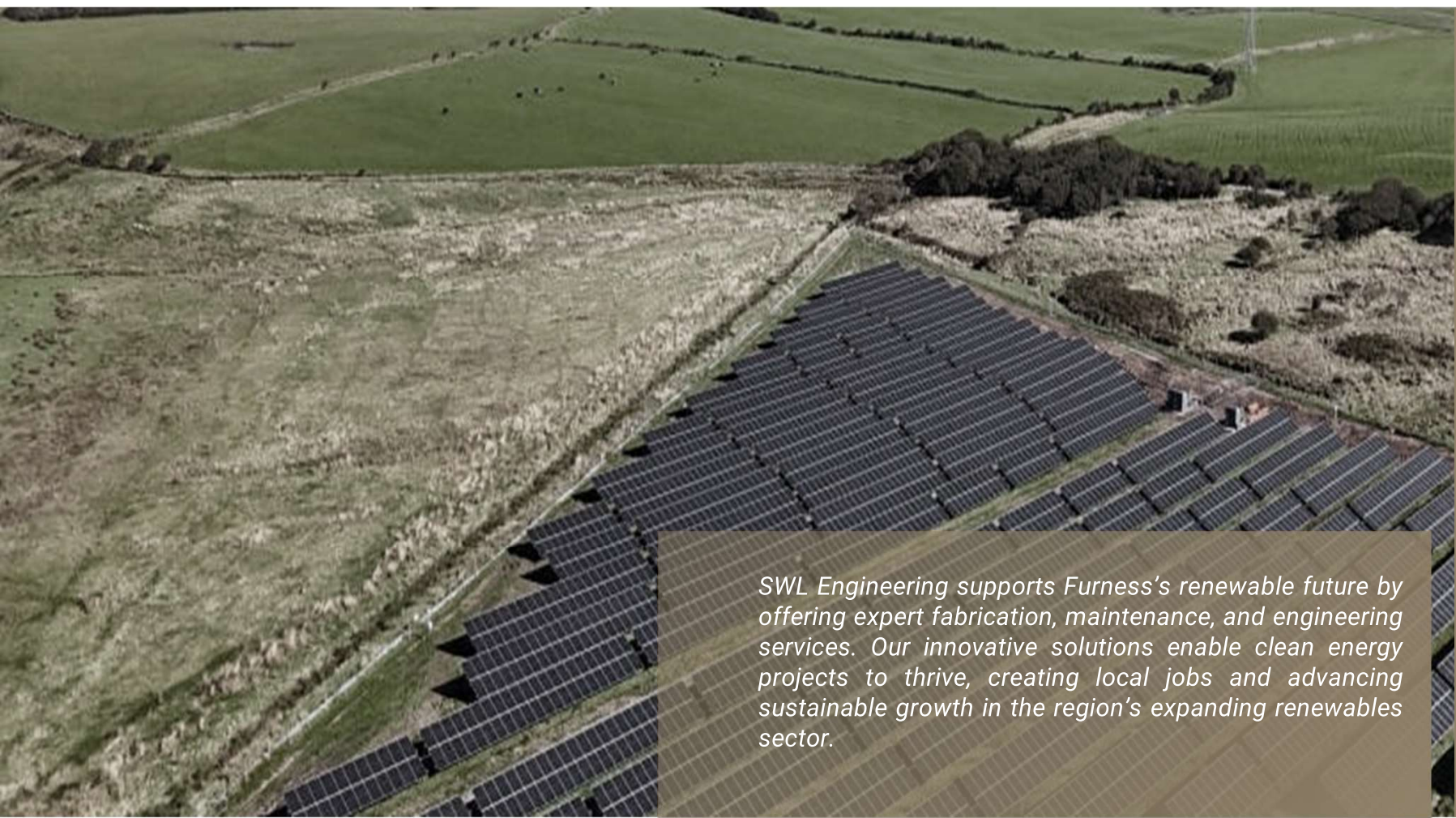
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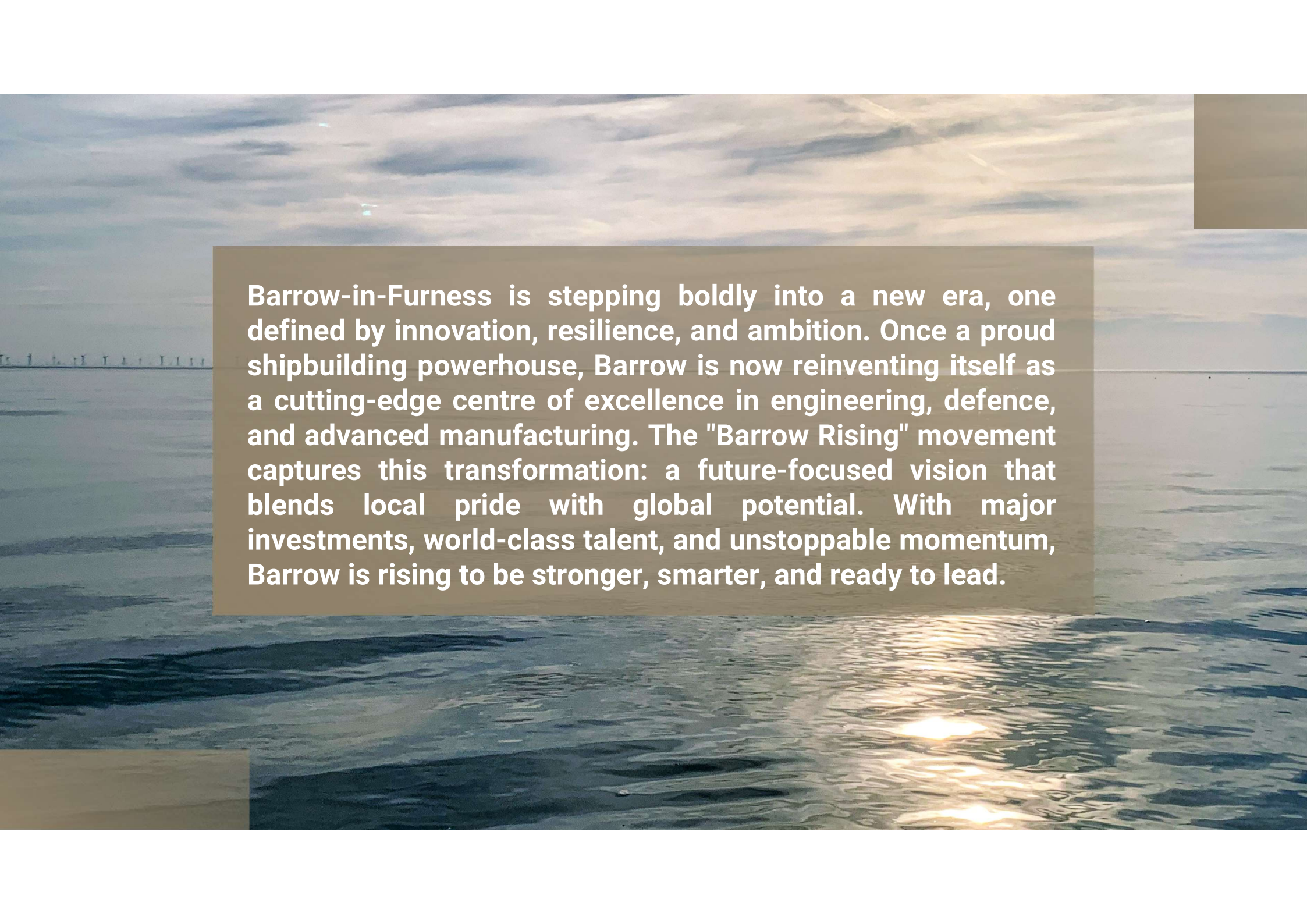
SWL Engineering is playing a key role in Barrow-in-Furness's resurgence by delivering advanced manufacturing solutions that support Britain's defence needs. With a skilled workforce and modern technology, we're helping to grow local employment and strengthen the supply chain by supporting the town's transformation into a vital strategic defence hub.



SWL Engineering supports Furness's renewable future by offering expert fabrication, maintenance, and engineering services. Our innovative solutions enable clean energy projects to thrive, creating local jobs and advancing sustainable growth in the region's expanding renewables sector.

FUTURE



A photograph of a sunset over a body of water. The sun is low on the horizon, creating a bright reflection on the water's surface. The sky is filled with soft, wispy clouds in shades of orange, yellow, and blue. In the distance, a long bridge with many pillars spans the horizon. The overall mood is serene and hopeful.

Barrow-in-Furness is stepping boldly into a new era, one defined by innovation, resilience, and ambition. Once a proud shipbuilding powerhouse, Barrow is now reinventing itself as a cutting-edge centre of excellence in engineering, defence, and advanced manufacturing. The "Barrow Rising" movement captures this transformation: a future-focused vision that blends local pride with global potential. With major investments, world-class talent, and unstoppable momentum, Barrow is rising to be stronger, smarter, and ready to lead.

OUR LOCATION



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