



## **NIA SME meeting**

**Thursday 27 February 2025**

**Carlisle Racecourse, Durdar Rd, Carlisle CA2 4TS**

## **Exhibitor Catalogue**

Please find a catalogue of all our exhibitors listed below. You will find contact information, who they are, what they do, and what they offer the nuclear industry!

Please take the time to read through each exhibitor and contact them if you would like to know more or arrange a meeting either on the day of the event, or at another time.

## **Thank you to our event sponsors**







## **Abbott Risk Consulting Limited**

ARC Limited is a safety, risk and engineering consultancy, headquartered in Edinburgh, and with offices in Manchester, Glasgow, Plymouth and Bristol. We are a UK-owned SME, that has been operating for over twenty years. We now employ about one hundred and sixty staff and focus on support to regulated industries including civil nuclear, defence, oil and gas and rail transportation. We also provide services to the energy transition market, notably hydrogen safety support. Additionally, ARC employs staff in Australia and operates worldwide.

### **What we offer...**

We provide safety cases to all of the main licensees in the civil nuclear sector, including Sellafield Limited via the DSA.

Our principal services include:

- Optioneering Studies
- Hazard Identification Studies
- Hazard Analysis Studies
- Deterministic and Probabilistic Safety Assessment
- Normal, planned work dose assessment
- Human Factors assessment – including Ergonomic design assessment
- Design/ Engineering substantiation
- ALARP assessment
- Safety Case Authoring
- Independent Peer Review and Independent Technical Assessment services
- Engineering analysis – including DSEAR and SIL assessment
- Structural engineering modelling
- Computational Fluid Dynamics (CFD)
- Shielding assessments (using MCNP and Attila)
- Cyber security

### **Contact/s for the event**

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## **ABMI Engineering UK**

Since 1984, we have designed and implemented our customers' projects. In 2023, ABMI will bring together 870 passionate and committed engineers and technicians in expert and enthusiastic teams to build long-term human and industrial partnerships. Renowned for our reliability, proximity, and agility, we are building a company that provides technical, technological, and human solutions to society's challenges today and in the future.

The diversity of our expertise means that we can offer a response tailored to the customer's requirements while maintaining control of the deliverable and incorporating the specific features of each industrial sector.

ABMI GROUPE has been working for major nuclear contractors since 2003. ABMI GROUPE provides engineering services for the French existing nuclear fleet (57 units) and new-build projects in France and internationally (China, UK, Czechia, India).

ABMI ensures reliability and customer satisfaction, consolidating its reputation for operational excellence. For each of its services, ABMI is committed to the effectiveness of an operational organization that is adapted, reactive, efficient, and sustainable, better to control costs, deadlines, and service quality.

## **What we offer...**

ABMI teams provide design, supervision and project support services. for the various nuclear engineering centers and/or in support of joint teams at nuclear power plants across the fleet. They master all the standards and construction codes used in the design of nuclear facilities, covering all the following fields: numerical simulation, boiler making, piping, mechanical engineering, general installation, metal structures, civil engineering, roads and other networks, instrumentation, HV & LV electricity, HVAC, control command, supervision, safety and fire safety. These studies take part in constructability reviews, equipment procurement and assembly.

## **Contact/s for the event**

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Position Managing Director

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## Ada Mode Ltd.

Ada Mode is a leading SME in the field of AI and data science for the civil nuclear industry. We are trusted by owners and operators of critical nuclear infrastructure to optimise design, improve plant performance, reduce operational costs, and increase safety through building custom data-driven applications.

- **Nuclear Engineering and Data Science Experts:** Our team comprises nuclear engineers, data scientists and software developers. Our people have worked on some of the most challenging projects across nuclear new build, operations, regulation and decommissioning.
- **Cross Sector Industrial Experience:** We have hands-on experience in plant operations, regulation, and innovation across multiple industries and understand the day-to-day limitations and hurdles that operators face.
- **User-centred Design and Development:** We build custom solutions, tailored for specific applications and users. This ensures that what we deliver is embraced by the workforce, is sustainable and makes a powerful impact on organisational performance.
- **Global Partnerships:** We are partnered with leading universities, global consultancies, and cutting-edge technology companies to ensure we continue pushing the boundaries of the possible and deliver the best performance for our customers.

## What we offer...

- **Data Science, AI and ML Adoption:** Explore how nuclear operators can get the most from their data and build a plan for AI adoption.
- **Industrial Data Engineering:** Understand data landscapes and determine how they can unlock value and accelerate business objectives. Build secure data architectures to drive model development and deployment.
- **Simulation Modelling and System Design:** Simulate complex nuclear systems to support design decisions and changes to operational philosophy. Develop custom models to target specific operational challenges. Deploy business-wide to unlock value.
- **Autonomous Systems:** Collaborating to build autonomous systems to improve operational efficiency, increase safety and reduce environmental impact.

## Contact/s for the event

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## **Bodycote HIP Ltd.**

Bodycote is a UK PLC and is the world's leading provider of classical heat treatments and specialist technologies, Bodycote provides its customers with value-adding services which improve their components.

As part of its specialist technologies division, Bodycote operates a commercial scale Hot Isostatic Pressing (HIP) operation across UK, Europe and North America, and has established itself as the global leader in HIP processing for high integrity applications.

Having established HIP expertise over decades, Bodycote has over 50 HIP vessels of varying sizes in multiple locations and is able to match its capacity and capability to individual customer needs within the nuclear sector.

The choice of manufacturing processes can be the key differentiator in achieving optimal performance and durability for nuclear components and HIP has been highlighted by industrial research bodies and through academic study as a key enabler for delivering nuclear plant builds at an increased pace and intensity, and as the leading commercial scale HIP provider, Bodycote HIP is poised to support this growth.

## **What we offer...**

Bodycote HIP has 3 key applications within the nuclear market:

1. HIP Services
  - *Removes internal porosity and improves material properties in castings and AM parts.*
2. Near Net Shape HIP Product Fabrication (HIP-PF)
  - *A robust alternative to critical nuclear forgings. HIP-PF components are produced using powdered metal in a canister processed using HIP to create a component with zero porosity, superior isotropic material properties, and a near net shape close to a casting, meaning less machining, welding, lead time and risk.*
3. HIP Diffusion Bonding
  - *Create unique fully bonded components from dissimilar metals, offering freedom of design and manufacturing cost savings vs alternatives.*

## **Contact/s for the event**

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## **Booth Industries International Ltd**

As a leading UK steel doors manufacturer established in 1873, Booth Industries are able to offer extensive experience in the complete design, manufacture, installation, and national after-sales support with fully sticked vehicles supporting possibly the widest range of steel doorsets available from a single UK manufacturer.

Our expertise has grown to enable Booth to support both UK strategic defence sites together with additional major projects within the UK and overseas.

With a focus on high integrity solutions where reliability is critical to life safety and the protection of key assets, our in-house design team qualified to PhD and chartered status covering mechanical, civil, structural, EC&I provide solutions for the most severe of applications and have over 60 years of continuous experience in the UK nuclear sector.

With a List X office, Cyber Essentials + and both SC and DV cleared personnel we are able to support sensitive projects from conception through to installation, together with the support for life-time maintenance from our national team of engineers.

Our APM accredited projects team provide turn-key solutions, using Primavera P6 planning with individual projects ranging from £5k, through to excess of £40m.

Our fabrication facilities include skilled and qualified welders with 42 no. workstations for the fabrication of both carbon steel and stainless-steel solutions, with qualified inspection procedures and factory acceptance testing facilities to AQAP 2110:2016.

Attention to health and safety during production and installation has provided continuous ROSPA Gold Awards and the ROSPA Presidents Award and carbon neutral target for the end of 2025.

## **What we offer...**

Booth Industries provide the complete design (to BIM Level 2 to PAS1192), manufacture, and installation of high integrity steel doorsets for the UK nuclear civil and defence sites. Solutions include both pre-engineered fully assured hinged and sliding doors through to bespoke solutions for high specification application.

Door sizes range from hinged personnel doors/hatches up to aircraft hangar door sizes and weight range from 80kgs through to over 80,000kgs.

Door types are available in carbon steel or polished stainless steel and fabricated to NQC Grade 1.

Typical solutions include acoustic, ATEX, blast, containment, EMC, NPSA high security and shielding doors together with multi-performance solutions.

## **Contact/s for the event**

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## **Createc**

Createc is an innovative technology company using advanced imaging, positioning and navigation technologies to solve the challenges of inspection, monitoring and remote operations. Founded in 2010, Createc now employs over 55 people with offices located in West Cumbria, Oxford, Tokyo and Oslo.

The company has combined decades of industry experience with exploitation of the latest technologies in sensors, applied imaging and robotics, with a track record of industry-first and world-first technology deployments. The result is a range of products, technologies and services used in rail, nuclear, defence, security and infrastructure.

In addition to an excellent track record of delivering successful research and development projects, Createc have a strong track-record of commercialising fundamental research, developing unique products for bespoke end users and have spun-out three domain specific product companies. In 2024 Createc was awarded the Kings Award for Enterprise in Innovation, having previously won two Queen's Awards in earlier years.

## **What we offer...**

Createc's offerings can be broken down into three key areas:

1. **Technology Products** – Createc develops innovative hardware and software, for industrial automation, nuclear surveying, and security applications. These products integrate AI, machine vision, and robotics to create a safer and smarter environment.
2. **Technology-Enabled Services** – Through Robotics-as-a-Service (RaaS) and surveying solutions, Createc provides advanced data collection and automation services, particularly for critical infrastructure and hazardous environments.
3. **Technology Consultancy** – Createc offers bespoke consultancy to push the boundaries of technical development, solving complex commercial challenges through cutting-edge engineering and AI-driven solutions.

## **Contact/s for the event**

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## **Cumbria O&M Services Ltd.**

COMS are specialist operations, maintenance and system engineers. We help businesses and organisations within regulated industries realise significant value from their assets, people and processes.

We started up in 2014, winning our first contract on Sellafield site providing Pre-operations support on a major project. We have grown to a team of around 80 and expanded our services to support both nuclear projects and operational facilities in multiple locations.

Collaboration is key to our success, and we have effectively collaborated with a number of major organisations to provide our services. Notably we are part of the Resolve collaboration, 4 Cumbrian SMEs with a combined capability to provide full Engineer, Procure, Construct and Commission EPCC services on smaller projects. Our subsidiary COMS Energy provides Completions & Commissioning services to the Energy Transition Sector and can offer large scale EPCC via our partner Three60 Energy.

Working across the UK, our network of consultants are experts in commissioning, operational, maintenance and engineering services. Clients turn to us when looking to plan and implement new builds, extend the life of their assets or efficiently manage decommissioning projects.

Our proven systematic approach will deliver clarity and understanding across your organisation. Developing your processes and procedures to ensure you have the knowledge and capabilities you need to get the job done right first time – reducing waste and eliminating the need for expensive rework.

### **What we offer...**

**Project** activities include: completions, commissioning, pre-operations, handover, start-up, and aftercare services. Typical deliverables are: strategies, full project document suites, full commissioning service, works testing, input to safety committee, integration into operations and knowledge transfer.

**Operational** activities include: Operations, maintenance, system engineering and asset care support for operational plants. Typical deliverables are: maintenance reviews, Systematic Approach to Training SAT training, Plant Modification Proposal PMP management, Person Organising Work POW services, technical authoring, system health reporting, spares and obsolescence reviews etc.

### **Contact/s for the event**

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## **D2**

Founded in 2011, D2 are an independent professional services provider with a strong reputation for building long term client relationships and delivering our promises. We have grown significantly over the last 4 years, doubling in size to over 100 project professionals as well as opening an office in Toronto, Canada. We have developed a comprehensive suite of programme management capabilities based on lessons learned from supporting major capital programmes in the UK and Canada. Our goal is to utilise this experience and capability to help accelerate and de-risk delivery of critical infrastructure programmes in the energy, water and defence sectors.

Our current portfolio includes:

- TransPennine Route Upgrade, a transformative, multi-billion-pound railway improvement programme of 70 miles of rail assets between Manchester and York, where we have deployed our entire service model to support delivery and led the risk management approach to target cost setting for a £2.1Bn alliance contract.
- Go Expansion, a CA\$35Bn programme to improve and expand passenger railway in Ontario, Canada. Our team have led the implementation of a multi-year planning approach to railway access, utilising our off the shelf spatial planning software, alongside programme management processes to ensure planned access is fully utilised and efficient.

With our HQ in Manchester and c.80 project professionals distributed across the north of the UK, we are well placed to support delivery of critical energy programmes, whether it be safely decommissioning legacy sites or helping to solve the challenge of building new critical energy infrastructure.

### **What we offer...**

We offer a comprehensive suite of programme management capabilities which can be flexibly applied, to suit client/project requirements. Our full-service offering ensures programme integration from feasibility through to post-contract delivery and commissioning. With innovation underpinning everything we do, our inhouse digital technology capability can tailor our proprietary “off the shelf” software and project management processes to enable proactive management of risks and issues, clear visibility of programme performance and ultimately successful delivery of programme benefits.

We have significant nuclear experience within the team, working on decommissioning of the ageing nuclear fleet and recently establishing the Sizewell C baseline estimate and schedule supporting the Government’s Investment Decision.

### **Contact/s for the event**

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## **Eadon Consulting**

We are experts in mechanical design engineering and analysis. We provide creative technical solutions for challenging environments where it's critical that the solution performs from day one.

The businesses that we work with tend to have a need for high integrity parts and critical or high-profile infrastructure. If you like to collaborate, developing great relationships through an honest, flexible and responsive approach to projects, then Eadon could be a great engineering partner.

Our team are some of the best engineers in industry, working across multiple sectors including nuclear decommissioning and processing, kinetic structures and flood defence. What we enjoy most is solving challenges using our collective experience and specialist knowledge. Combined with our engineering fundamentals approach, we provide the innovative and robust solutions that our clients have come to expect.

Eadon's enthusiasm, high standards and commitment to success for every project has earned us a reputation that we are extremely proud of.

## **What we offer...**

Eadon Consulting are working on projects in the nuclear new build and fusion sectors as well as within the Nuclear Decommissioning sector. We work across the NDA with Sellafield and NWS to deliver design and analysis for mechanical handling and waste containers.

We support the full project lifecycle, from feasibility studies to develop projects strategically, to in-depth dynamic or seismic analysis for substantiation of key equipment.

## **Contact/s for the event**

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## **Engage Technical Solutions Ltd**

Engage Technical Solutions is a Technical Consultancy, offering expert advice and support to solve complex projects in the Defence and Energy sectors. Our expertise spans Information Systems and Services (IS&S), Engineering Management, and Portfolio, Programme and Project Management (P3M).

Our capabilities in resilience, technical solutions, safety, security, and compliance in highly regulated industries come as standard. Our expert team ensures professional management of Portfolios, Programmes and Projects with experienced P3M Professionals delivering project-critical outcomes. Our commitment to excellence has earned us an outstanding reputation.

Founded in 2011, Engage has experienced tremendous growth over the past decade. In 2022, we transitioned to an Employee-Owned Trust, ensuring that our future growth and success directly benefit our dedicated employees. This new ownership structure safeguards our independence, allows us to work with an agile approach and enable us to continue delivering outstanding results.

We are dedicated to finding the right individuals to join our team. We recruit consultants from varied backgrounds, bringing a wealth of experience and perspectives. As a Gold Award recipient from the Armed Forces Covenant, we are proud that many of our employees are veterans, bringing with them knowledge and experience to solve the most challenging problems, ensuring our clients achieve their goals efficiently and effectively.

Engage is strategically positioned to leverage its historical success and deep expertise in Defence, along with its growing presence in the Energy sector, strong relationships within civil nuclear, and understanding of public sector procurement processes to support clients in their continued success and growth.

## **What we offer...**

Engage delivers Technical Consultancy capabilities and Professional Services to UK regulated industries, specialising in Information Systems and Services (IS&S), Engineering Management, and Portfolio, Programme and Project Management (P3M).

With a focus on resilience and delivering project-critical outcomes, we provide Technical Consultancy into the Defence and Energy sectors, earning us an outstanding reputation for our exceptional services.

Professionalism, auditability, and governance principles are integral to Engage's core offerings. We support our clients with integrated Project Management services, aligning strategies, managing wide portfolios, safety case management, requirements management and much more. To find out more visit [www.engage-ltd.co.uk](http://www.engage-ltd.co.uk)

## **Contact/s for the event**

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## ES Steel Solutions

ES Steel Solutions is an expanding steel and mechanical installation and project management specialist supporting complex construction projects within the Nuclear and Defence sectors.

For over 20 years, we've supported large-scale Defence projects and bespoke nuclear installations across a number of UK licensed sites. That is why companies rely on us for some of the most hazardous and challenging construction projects across the country.

We deliver each project to the highest possible standard through our exceptional management processes.

We strive to stay at the forefront of nuclear installation innovation, working closely with our clients to develop bespoke solutions that meet their unique project needs.

With ES Steel Solutions, you can trust that you are partnering with a reliable and responsible installation partner committed to your success.

### What we offer...

ES Steel Solutions specialises in the **installation of steel structures and mechanical projects**, providing expert services for the **Nuclear and Defence** sectors. Our key offerings include:

- **Steel Installation** – Precise erection of structural steel components for large-scale projects. Including installation of main frame and secondary steel packages.
- **Mechanical Installation** – Expert assembly and integration of mechanical systems from large blast doors to glovebox installations.
- **Project Management** – Full oversight from planning to execution, ensuring compliance and efficiency.

### Contact/s for the event

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Position Business Development Manager

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## **Harrison Network Limited**

We are organisational coaches, by your side to help your whole team pull in the same direction so your people thrive, your teams perform, and your business succeeds.

Our experienced team helped deliver performance through people especially during major change. Many of our clients operate within engineering, energy and decommissioning, civil infrastructure, and emergency services.

We are proven to help transform behaviours mindsets and cultures in complex dynamic and highly regulated environments. If you want a more engaged team that contributes more makes better decisions and drives change come and talk to us.

We believe that successful businesses are built on engaged teams, effective leadership, and a shared sense of purpose. Through coaching, facilitation, and tailored learning programmes, we help businesses articulate their vision, improve communication, and empower people to lead change with confidence.

We've supported organisations such as Dounreay, NNL and Sellafield Ltd, helping them align their teams, strengthen engagement, and drive measurable improvements. From enabling leaders to make better decisions to fostering a culture of openness and collaboration, our approach is proven to shift mindsets and transform workplace dynamics.

At Harrison Network, we don't offer off-the-shelf solutions—we take the time to understand your business, challenges, and goals. Whether you're building a consortium, leading a major transition, or aiming to improve team cohesion, we provide practical tools and support to make change sustainable and impactful.

### **What we offer...**

Harrison Network helps Clarify Purpose and expectations, Engage People, Improve capability and empower change. We provide:

- Organisational coaching for transformational behaviour and culture change
- Professional facilitation to drive better decisions and support crucial conversations
- Tailored learning programmes to improve leadership capability to lead and influence change
- Executive and Team coaching to support specific individuals and teams to perform more effectively
- Team and stakeholder development for stronger relationships
- Tools and measures to underpin and evaluate progress
- Employee experience and engagement
- Project based behavioural change programmes.
- Purpose, values and behaviour setting

### **Contact/s for the event**

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## **Hutchinson Engineering Limited**

Since 1979, Hutchinson Engineering has been dedicated to designing and manufacturing complex steel structures that have a positive impact on the world. Based in Widnes, our cutting-edge technology and machinery, and, most importantly, our team of skilled professionals, have contributed to our success in the telecommunications, oil & gas, onshore & offshore wind, rail, and nuclear industries. As a "Fit for Nuclear" certified company, we are committed to delivering the most technically challenging and logistically complex projects. Our team is passionate about continuous improvement, always seeking ways to enhance our efficiency, quality, and capabilities. We invest in state-of-the-art machinery and technology, including the latest precision plasma, laser and CNC cutting technologies to provide our customers with advanced, cost-effective solutions in design, fabrication, and manufacturing carried out under ISO9001:2015 quality procedures. We hold accreditation to UKCA CE ISO1090-2 EXC4 (the highest quality standard), ISO14001, ISO 45001, ISO3834-2, EN15085-2, enabling efficient and cost-effective supply to a high quality-assured standard. No matter how complex your next project is, we have the skills, experience, and expertise to support you. We're passionate about innovation and excellence, and we're excited to partner with you to create a greener, more connected world.

Hutchinson are completing a business improvement programme, alongside Sharing In Growth which has enabled us to streamline our manufacturing flow and make a number of positive improvements to quality in order to generate more than 10% cost savings.

As a result of our positive contributions for clean energy fabrications, Hutchinson were proud to host the Prime Minister and Secretary of State for Energy Security and Net Zero for their Great British Energy announcement in July 2024.

### **What we offer...**

We offer a one stop shop as our entirely in- house capabilities cover cutting, machining, welding, fabrication, coating, NDT, factory acceptance testing and further assembly or electrical fit out. We offer UKCA & CE mark status to EN1090-2 Execution class 4

Our specialist area includes specialist material handling and lifting equipment, lifting beams, test rigs, containers, tanks, vessels, bogies, trolleys and modular fabrications.

### **Contact/s for the event**

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## **ITI Group**

ITI Group is a leading international, independent, progressive systems integrator dedicated to helping businesses worldwide advance towards a safer, more efficient and sustainable future.

Working at the forefront of technology and information management, ITI Group delivers domain expertise, real-world implementation and full life-cycle support to meet ever-changing operational and environmental demands.

From nuclear, oil & gas, power & utilities and manufacturing, to life sciences and warehousing end markets, we help industry leaders remain one step ahead; so they're ready for today, tomorrow and beyond.

Whether it's helping global operations at colossal scale, or completing individual specialist projects, we're trusted to deliver bespoke mission-critical solutions fit for industry leading change.

We take pride in truly understanding our customers' challenges from within and forging lasting relationships. Providing transformation and innovation, we support them throughout their entire life cycle in readiness for the journey ahead.

Staying in control in nuclear is about being ready now, and for what's next.

We help to power the future of the nuclear sector with safe, secure and innovative technology solutions to help drive efficiency in both new and legacy assets.

Highly specialised with a select number of specialist equipment and service partners, ITI Group has supported nuclear clients for over 50 years. Using our extensive industry expertise, we integrate software and hardware from specialist suppliers, to deliver innovative technology solutions for our clients.

### **What we offer...**

ITI Group has worked collaboratively with nuclear clients throughout the full nuclear fuel cycle for over 50 years. Our simulation experts help to test and integrate change; our safety and control solutions reduce risk, increase operational efficiency and improve safety and reliability; while our real-time monitoring and information systems enable you to make faster, safer, more informed and more efficient operational decisions.

Helping our clients to *Be Ready* for today, tomorrow and beyond. Are you ready? Visit [itigroup.com](https://itigroup.com)

### **Contact/s for the event**

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## **Krantz Limited**

Krantz leaders in innovation of nuclear ventilation equipment, dampers, and filtration solutions, with a storied global reputation cemented over a 140-year history. Specializing in nuclear services for the past 70 years, we offer A-Z solutions for the most challenging projects with unparalleled quality.

Our expertise spans across the complete product lifecycle, from meticulous design to seamless handover, accompanied by exemplary technical support and after-sales service. This steadfast commitment ensures that we consistently maintain the highest standards of product quality, fostering long-term client relationships and satisfaction.

When conventional solutions fall short, Krantz steps up with bespoke services tailored to unique challenges. Our specialization includes solutions for nuclear power plants, research centres, radioactive waste facilities, and the decommissioning of nuclear facilities.

Our extensive range of services encompasses planning, development, design, manufacturing, delivery, installation, and commissioning. Krantz continues to set industry benchmarks with its innovative solutions and unwavering dedication to excellence in every project we undertake.

## **What we offer...**

Krantz offers an extensive array of services and components for the nuclear sector, specializing in innovation, design and manufacturing of filter and damper systems for the most challenging projects

Our expertise provides comprehensive solutions from design to commissioning for power plants, research centres, and decommissioning projects, emphasizing safety and precision. Our services include planning, development, delivery, installation, and technical support. Committed to excellence, Krantz delivers high-quality, customizable solutions to meet complex industry challenges, maintaining a focus on innovation and client satisfaction.

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Name: Marco Sauder

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## KURY UK LTD

KURY UK is a specialized engineering consultancy fully dedicated to advancing the civil nuclear industry. Our team of expert engineers supports major energy companies in delivering nuclear power plant projects across two primary technical sectors:

- Design:
  - Electrical
  - Instrumentation & Control (I&C)
  - Heating, Ventilation, and Air Conditioning (HVAC)
  - Fluid systems
- Safety:
  - Licensing
  - Conducting hazard studies/PSA
  - Developing operating procedures

As a proud member of KURY Groupe, we bring over 24 years of nuclear expertise from new-build projects such as FA3 EPR, Taishan EPR, and HPC EPR, as well as extensive involvement in the maintenance of French reactors. Our Mission: To leverage our international nuclear specialists to develop a robust local team in the UK, ensuring the highest standards in nuclear project delivery.

### What we offer...

KURY UK can offer a range of technical assistance and fixed-price services to meet the specific needs of their clients. Here are some examples:

#### **Technical Assistance:**

- **Consulting:** Providing expert advice on technical matters, project feasibility, and regulatory compliance.
- **Troubleshooting and Problem-Solving:** Offering solutions to technical issues that arise during project execution or operation.
- **Technical Documentation:** Preparing detailed technical manuals, reports, and guidelines.

#### **Fixed-Price Services:**

- **Design and Engineering:** Delivering complete design and engineering packages at a fixed price, ensuring cost predictability for the client.
- **Project Management:** Providing comprehensive project management services, including planning, scheduling, budgeting, and risk management, at a fixed cost.
- **Regulatory Compliance:** Conducting audits, inspections, and evaluations to ensure compliance with industry standards and regulations at a fixed price.

### Contact/s for the event

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## Lucideon Limited

Lucideon is a leading materials development and validation organisation which works across industries including aerospace, automotive, marine, and nuclear to develop materials that can withstand and thrive in harsh environments.

Lucideon hosts and manages The AMRICC Centre, the capabilities of which augment Lucideon's expertise to offer a pilot-scale facility for developing materials and process technologies up to prototype and demonstration scale.

Working up to TRL6, Lucideon bridges the gap between academia and industry, scaling up technologies towards industrial relevancy and integrating novel and disruptive materials and processes.

## What we offer...

- **Complex testing characterisation** – metallurgical evaluations, chemical analysis, high temperature oxidation testing, thermal analysis, extreme temperature mechanical testing.
- MIDAR® Augmented Low-cost Low-carbon **Encapsulation** Technique (MALLET™) – a new cost-efficient technique for encapsulating **Intermediate Level Waste** (ILW)
- **Stress Corrosion Cracking** – home to the largest and most sophisticated high temperature water corrosion facility in the world.
- **Flash Sintering** – sintering of nuclear fuels and fuel immobilisation
- **Ceramic Additive Manufacturing** – formulation development, testing and characterisation of materials, performance validation, process development
- **Ultra-High Temperature Ceramics** (UHTCs) – materials formulation, high temperature sintering furnaces
- **Ceramic Matrix Composites** (CMCs) – Ability to work with Ox/Ox, SiC/SiC, and UHTCMCs through matrix formulation development, forming and densification and sintering

## Contact/s for the event

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## **M5tec Limited**

M5tec was founded in April 2014 by a small group of engineers from various backgrounds. Its purpose was to offer to the market, an engineering consultancy where engineering was done right, done safely, done to the best of everyone's abilities and without compromise.

This ethos paired with the founding members previous experience resulted in the company targeting sales from high-assurance industries including Nuclear, Subsea and then Oil & Gas. Overtime, M5tec shifted its focus from Oil & Gas to a greener future and began working in the Fusion Energy sector.

Our expertise lies within the development of remotely operated engineered solutions to technical challenges within hazardous environments. Be that a nuclear environment with high radiation dosage and stringent recovery mechanisms or at the bottom of the ocean with 600bar atmospheric pressure and unknown ground conditions. M5tec's engineers thrive off developing solutions for these challenging environments.

Since its inception, the company has grown and now has its head office and workshop in County Durham and two further offices in Culham, Oxfordshire and Warrington. Its service offerings have also expanded to include embedded engineering resource and turnkey services.

M5tec continues to push engineering boundaries through innovation and collaborative partnerships and maintains the same ethos that has led it to sustained and organic growth over the last decade.

## **What we offer...**

M5tec offers a range of engineering design and consultancy services tailored to meet the needs of our clients.

Engineering Design and Consultancy is at the core of M5tec. Our engineers provide multidisciplined design and consultancy services which includes Mechanical, Structural, Hydraulic, Electrical, Control and Instrumentation. Our experience spans from initial idea generation, concepts and feasibility studies through to Manufacturing documentation, test planning and operation manuals.

M5tec can also provide embedded engineering resource to help our clients cope with their project demands, expanding your available resource and providing reach back to a wider pool of knowledge.

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## National Skills Academy for Nuclear (NSAN)

The National Skills Academy for Nuclear (NSAN) is the leading skills body dedicated to supporting the UK's nuclear industry. We work closely with organisations and individuals to ensure they have the right skills to thrive, adapt, and grow within this dynamic sector. Through our extensive network, we connect employers with trusted training providers, offering exclusive access to a comprehensive package of skills expertise tailored to meet industry demands.

At NSAN, we foster collaboration by bringing together key stakeholders across the nuclear landscape. Our influential forums create opportunities for meaningful partnerships, enabling organisations to share best practices, address skills challenges, and drive innovation. We believe in the power of connection, ensuring the right conversations happen to deliver real, measurable impact.

Our dedicated Client Relationship Managers take the time to understand your strategic objectives and business needs. They act as trusted advisors, facilitating and signposting proven, cost-effective solutions designed to align with your organisation's goals. This bespoke approach helps businesses navigate skills development with confidence, ensuring workforce readiness for current and future challenges.

NSAN is committed to making a difference. By supporting skills excellence, we play a vital role in strengthening the nuclear industry's capability and resilience. Whether you're looking to upskill your workforce, develop new talent, or connect with like-minded organisations, NSAN is your trusted partner in achieving long-term success.

### What we offer...

NSAN offers a comprehensive range of services to support organisations in the nuclear sector. Our **membership options** cater to civil, defence, supply chain, and training and education providers, providing access to exclusive networks and resources. Through our **consultancy services**, we offer industry-specific knowledge and expertise to help address business challenges effectively. Additionally, our **competence and assessment services** support workforce development with tailored frameworks designed to evaluate and enhance skills, ensuring your teams meet industry standards. Whether you're seeking strategic guidance, skills development, or industry connections, NSAN is here to support your growth and success.

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## **Optima Systems Consultancy**

Optima is an independent, privately-owned Systems Engineering and Engineering Management consultancy. Systems Thinking, the consideration of systems in their entirety, underpins all that we do.

We recognise the challenges involved in developing today's complex systems and operating in highly-regulated environments, and understand the benefits that can be delivered by the application of a structured Systems Engineering approach to all stages of a project's lifecycle. Our client base includes government organisations, prime contractors and specialist technical consultancies. We work principally across the Defence and Nuclear (Fission and Fusion) sectors, but also have experience in Aerospace, Rail and Cyber.

Optima provides high-calibre, security-cleared consultants, individually or as teams, to meet the unique and complex needs of clients and their programmes. We operate from List X-accredited premises, but most of our engineers are deployed into client project teams to ensure seamless integration and maximum impact. We are Bristol-based but support programmes across the UK. We work in partnership with clients, adapting to changing requirements and emerging issues. We can guide our customers as they embed a Systems Engineering approach across projects and programmes, supported by the pragmatic application of appropriate tools and techniques. Find out more at [www.optimasc.co.uk](http://www.optimasc.co.uk).

## **What we offer...**

We deliver tailored combinations of:

- Engineering process development
- System Architecture design
- Model-based Systems Engineering
- Requirements capture and management
- Interfacing Programmes & Systems definition
- Trade-off studies; options assessment; Multi-criteria Decision Analyses
- Technology Maturity assessment; technology roadmapping and insertion planning
- Design for Modularity
- System Verification & Validation; trials design, planning and conduct
- Tender assessment and bid support

Our delivery is complemented by our catalogue of training courses. We provide: Systems Thinking coaching for senior leadership; introductory Systems Engineering familiarisation; and practitioner training across a range of Systems Engineering disciplines. Case study-based and tailored, our courses meet the unique needs of each client.

## **Contact/s for the event**

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## **RTR GmbH & Co. KG**

For more than 55 years, RTR has been involved in the supply of end-to-end steel solutions used in the Global Energy Industry. Our origins stem from Power Generation and over the years we have been able to successfully expand our offering to cover Oil & Gas, Petrochemical and Mining Industries where temperature, pressure, strength and resistance to corrosion are some of the key factors in material selection.

A fundamental element of our service is our technical expertise, design experience and project management services. We provide comprehensive material testing and certification to a range of international standards. We provide bespoke manufacture to individual clients' technical specifications, worldwide logistics organisation, planning, engineering consultancy and quality management to ISO 9001:2015 standards.

Here at RTR Group, we take care of every stage of your project from start to finish. Whatever your requirements, you're sure to receive an exceptional independent, reliable service from our experienced team. We believe in doing things differently for our clients because we understand the pressures and exact requirements of your complex technical projects.

Whether you're looking to plan a future outage repair or shutdown project, or need to resolve a complex production problem immediately, we're just a phone call away. Our clients are provided a dedicated project manager, which means you'll always have a simple and efficient way to order your products or get expert advice from our team, saving you time and money.

### **What we offer...**

RTR offers not only standard or customer specific pipes/tubes, pipe accessories and pressure parts, but also the full spectrum of steel products in austenitic and ferritic steels. We also supply bespoke forgings, engineered components and associated fittings, complemented by rolled steel products such as sheets and steel bars, as well as clad pipes in qualities and dimensions to suit customer requirements. Our facilities in the UK, Germany, Australia and Poland allow RTR to create substantial value add for our clients.

### **Contact/s for the event**

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## **SEIMAF UK**

AT THE HEART OF ENGINEERING SINCE 1994. REACH NET ZERO - For a Greener Energy Future.

SEIMAF is an engineering design and consultancy firm, specialised in plant studies, plant design, mechanical engineering and structural engineering for the Nuclear, Energy, Industrial and Environment industries. Our core business is centred around our design office expertise (Structural Design – Piping Design – Equipment Design – Air & Flue Gas ducts & Robotics) and technical support.

Since 1994, we are experts in MEH Layout & Design, and Digital Solutions and well versed with the ways of working within a digital environment such as 3D modelling using smart data.

SEIMAF has been a leading partner in running our client projects, from feasibility to detailed design. We have gained an extensive expertise by delivering innovative projects for nuclear new builds (FA3 / HPC / SZC/ITER) and decommissioning (NCPF -Nouvelle Concentration des Produits de Fission- La Hague). International coverage: France since 1994 – United Kingdom since 2018 – Romania since 2004.

### **What we offer...**

#### **Plant Studies:**

- Full project design cycle from feasibility to detailed design.
- Site inspection - 3D scanning - As-built studies.
- MEH - Layout & Design.
- Piping: flexibility and supports; calculation and design.
- Civil / Steelwork / Anchorage; calculation and design.
- Digital Solutions: Building Information Modelling (BIM), Digital Twins, Virtual Reality.
- CAD Administration (catalogues and specs, macros, etc...).
- Robotics.

#### **Mechanical Studies:**

- Full project design cycle from feasibility to detailed design.
- Analysis and Calculations: Stress and Pressures.
- FMEA (Failure Modes and Effects Analysis)

#### **For:**

- Mechanical equipment (i.e. welded assemblies, heat exchangers, pressure vessels, etc...)
- Special machines.
- Handling, lifting equipment and ergonomics.
- Jigs and Tools.

### **Contact/s for the event**

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# SERAC Imaging Systems

## **Serac Imaging Systems Ltd.**

Serac Imaging Systems Ltd. was founded in 2017 to commercialise Seracam, a portable hybrid gamma-optical imaging system for medical imaging. Designed for high precision medical applications including image guided surgery we are now bringing this game-changing technology platform to the nuclear industry.

### **What we offer...**

We provide Seracam, a small, portable gamma camera that uses real time gamma-optical video imaging to localise sources of gamma radiation.

Seracam combines gamma and optical imaging to produce a live display of an area being surveyed, enabling operators to see radiation in real-time with pinpoint accuracy at the point of use, while they are working. Video images are immediately updated while the gamma source is moving. Showing users what they are looking at, where the radioactivity is, what size and shape it is, and the relative activity, can make tasks easier, quicker and more effective.

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## **SiteAssist**

SiteAssist is a specialised control of works platform meticulously designed to mitigate the inherent risks associated with common and specialist high-risk activities on site. By streamlining critical processes, SiteAssist enhances safety, ensures compliance, and boosts operational efficiency.

SiteAssist is committed to creating assurance and auditability throughout an operational supply chain, aligning with the principle of reasonable practicability. This focus allows organisations to implement robust and standardised controls and demonstrate their effectiveness through detailed records and reporting.

SiteAssist is currently in use by organisations such as Babcock (Devonport), Sizewell C, Sellafield (PPP), HS2, Balfour Beatty, VolkerWessels, and Severn Trent Water, among others.

The platform's versatility is evident in the diverse range of organisations and work types it supports. From complex infrastructure projects like HS2 and Sizewell C to ongoing maintenance at sites like Devonport and Severn Trent Water, SiteAssist adapts to meet unique operational needs. This adaptability extends to compliance, as SiteAssist can ensure adherence to JSP 375, or other industry-specific compliance standards as required.

## **What we offer...**

SiteAssist offers a smart digital permitting solution. This solution intelligently digitises any permitting process, ensuring that all necessary checks and authorisations are completed at the appropriate time before, during or after work, and that all actions are completed by authorised individuals. Everything being done using SiteAssist is stored and visible for transparency and auditability.

Permit Types Covered (for example, but not limited to): Permit to Dig, ESSW, Hot Works, Lifting, Confined Space, Permit to Pump and other Ecological, Demolition, Temp Works, etc.

Either as supplements to the permitting solution or as standalone solutions, SiteAssist also offers mapping and plans dashboards, an integrated checklist solution, and an integrated register solution, providing a holistic approach to managing and tracking high-risk activities.

SiteAssist has also developed AI solutions to support decision makers on risk identification, such as by running automated hazard detection on photographs. The usage of any features, AI or otherwise, is dependent on what is acceptable under the information security restrictions of a given client organisation or site.

## **Contact/s for the event**

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## **Steve Vick International**

Steve Vick International, established in 1981, has been a leading player in the UK utilities distribution networks for over 43 years. Known for excellent customer service and innovation, the company has grown from its roots in the gas industry to now include water, nuclear and renewable energy sectors. As a family-oriented, award-winning SME, they remain committed to customer-focused solutions, which have driven their sustained growth and success.

The company specialises in trenchless technologies for the repair, renovation, and decommissioning of pipes, with a strong emphasis on gas distribution. However, many of their products are transferable to other industries, such as water and nuclear. Key innovations include expanding foam sealants and patented techniques for live gas mains insertion, flowstopping, and sealing. Additionally, Steve Vick International is the UK's leading manufacturer of pipe coil trailers and offers a wide range of pipe handling equipment for hire or purchase including Pipe Handlers, Pipe Crackers, and Pipe Cutters.

Additionally, they excel in mechanical design and testing, developing bespoke tools and equipment tailored to clients' specific needs. With a commitment to safety and quality, Steve Vick International combines expert technical support with proven products to deliver reliable, long-term results for infrastructure management and maintenance.

By maintaining a family-run ethos and continuously prioritising customer needs, Steve Vick International has established a reputation for innovation and reliability across multiple utility sectors. UK nuclear sites that have or are already deploying SVI systems include Sellafield, Chapelcross, Hunterston A, Hinkley A, Dungeness A, Hartlepool, Winfrith, and Harwell. Systems have also been supplied to Canadian Nuclear Laboratories for deployment at a Canadian nuclear power station.

### **What we offer...**

SVI products and services provide safe and cost effective methods for remotely sealing and decommissioning pipelines, ducts and voids.

The 20 years' experience gained working with different clients on nuclear decommissioning, has provided us with the expertise to design bespoke solutions for almost any situation. Sealants created from expanding polyurethane foam and epoxy resins underpin many of the SVI decommissioning systems. These sealants are extremely effective at immobilising and encapsulating loose contamination prior to cutting and demolition processes.

Systems can be designed to suit specific project requirements, and we have a team of experienced site operatives & technicians who are available to implement the techniques.

### **Contact/s for the event**

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## **Sanderson Watts Associates (SWA)**

Sanderson Watts Associates (SWA) Limited is a Civil, Structural and Architectural (CS&A) engineering consultancy based locally in Wigan. Our aim is to achieve cost effective and quality design solutions that fulfil our clients' needs. Our technical staff are experienced in solving unusual engineering problems especially those associated with safety related nuclear, marine and defence establishments. In addition, we also have a strong track record of successfully delivering major engineering projects in the general industrial and commercial sectors. We provide the full range of civil and structural engineering services from project concept through to detailed design and construction drawings.

We work closely with our clients helping to establish their requirements, challenging and examining options, carrying out feasibility/cost studies, preparation of complex analytical finite element modelling, site inspections and appraisals, preparing final design drawings, specifications and safety case documentation.

A particular strength of the company is the field of structural and mechanical analyses. This includes extreme environmental such as earthquake, tidal, extreme wind, snow and, man-made hazards including dropped loads, impact, blast. We consider ourselves experts in all forms of seismic analysis, implementation of ACI/ASCE seismic standards, soil structure interaction studies, and derivation of all required member forces and displacements for design purposes and generation of secondary response spectra.

### **What we offer...**

- Finite Element (FE) modelling and analysis using ANSYS, LSDYNA, FEMAP, STAAD.Pro computer software,
- Assessment and design of structures under Seismic, Blast, extreme thermal, tidal and other Extreme Environmental cases to relevant British, European and American codes of practice,
- Independent Technical Assessment,
- Seismic walkdown including Plant, equipment and pipe work qualification for vibration and seismic loads
- LC 28 Structural surveys - confined space, asbestos and radiologically controlled areas
- Architectural design and building regulation support
- R6 Fracture mechanics assessment
- R5 Creep assessment
- Decommissioning studies for safety related structures
- Through-life extension/continued operation safety reports (COSR)
- Seismic equipment qualification and
- Building Information Modelling (BIM).

### **Contact/s for the event**

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## **Trent Construction Services Ltd**

Established in 2012, based in Burton on Trent and operating nationwide Trent Construction Services is managed by a team who developed their industry experience in the Industrial Concrete Flooring market.

Insitu Concrete Flooring forms the cornerstone of the company with the projects we deliver in this sector often being unique or the more technically demanding.

Operating in many market sectors outside of that of conventional insitu concrete flooring we deliver a wide variety of associated works and have a strong presence in the modular construction market installing a specialist low profile steel deck and screed flooring solution.

Our experience of working in the Nuclear sector began shortly after the company was established and has seen us delivering numerous projects installing concrete floors and screed, and carrying out grouting works primarily in the AWE's Burghfield site.

We are accredited with Construction Line Gold, Avetta SSIP and operate our own concrete line pumps, Concrete Placing Booms, Laserscreed Machines and associated plant.

Our site teams are based around the country, all have the appropriate CSCS skills card, with our supervision having either SMSTS or SSSTS qualifications.

### **What we offer...**

With over 10 years of experience working in the environment of the AWE, our teams have developed extensive knowledge in handling the unique challenges and complexities of working with the AWE and similar high-security environments.

Our personnel, many of whom are SC accredited, are highly skilled in delivering specialised solutions for concrete, screed, and grout installation, ensuring that each project meets the highest standards of quality and safety.

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## **Turnbull & Scott**

Turnbull & Scott, established in 1933 in Hawick, Scotland, has a rich history in engineering excellence. Initially serving the Scottish Borders' renowned textiles industry, the company has evolved over nine decades into a leader in industrial heat transfer solutions.

Their expertise encompasses the design, manufacture, and installation of heat exchangers, heating systems, and cooling solutions across various sectors, including energy, nuclear, chemical, food and drink, and pharmaceuticals. Throughout its history, Turnbull & Scott has demonstrated a commitment to innovation and quality.

The company has developed a range of products, such as finned tube radiators, industrial unit heaters, and air-cooled steam condensers, tailored to meet the specific needs of their clients. Their dedication to research and development is evident through partnerships with institutions like the University of Strathclyde, enhancing their capabilities in heat exchanger technology.

Celebrating its 90th anniversary in 2023, Turnbull & Scott reflected on its journey from a regional engineering firm to a trusted partner for industries worldwide. The company's longevity is attributed to its adaptability, technical expertise, and unwavering focus on customer satisfaction. By embracing advancements in technology and maintaining high standards of quality, Turnbull & Scott continues to play a pivotal role in providing efficient and reliable thermal solutions, solidifying its position as a cornerstone in the engineering sector.

### **What we offer...**

Turnbull & Scott offers a comprehensive range of thermal engineering solutions designed to meet the diverse needs of various industries. Their product portfolio includes high-performance heat exchangers, precision chillers, cooling coils, process drying systems, and waste heat recovery units. These products are engineered to deliver optimal performance, energy efficiency, and durability, even in the most demanding environments.

In the nuclear sector, Turnbull & Scott excels by providing bespoke heat exchanger designs and advanced thermal solutions tailored to the stringent requirements of nuclear facilities. Their ISO-accredited engineers possess extensive experience in developing robust and reliable products that ensure safety and efficiency in nuclear operations. A notable example is their collaboration with Sellafield Ltd, where they designed and manufactured custom heat exchangers for a refurbishment project, delivering a solution that met the client's exact specifications and was completed on time and within budget.

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## **TW Metals Ltd:** Your Trusted Partner in Specialty Metals

At TW Metals, we are more than just a distributor—we are a strategic partner dedicated to providing expert advice, responsive service, and tailored supply chain solutions. We take the time to understand your business, applications, and specialty metal needs, ensuring that we deliver the right materials with efficiency and precision.

As a trusted supplier to the world's leading nuclear energy providers, aerospace manufacturers, and oil & gas contractors, TW Metals offers a comprehensive range of certified, high-performance alloys, including stainless steel, aluminium, nickel, and titanium. Our industry-leading sales and quality teams work closely with customers to provide materials that meet the most demanding specifications, ensuring full traceability and compliance with industry standards. We source only from top-tier manufacturers, carefully managing supplier qualification, order placement, and delivery schedules to guarantee on-time, high-quality supply. With over 80 stocking locations worldwide, we ensure fast and reliable material availability, helping customers reduce lead times, lower costs, and streamline production.

Our expertise extends beyond supply—we offer precision processing services such as laser cutting, waterjet cutting, and custom profiling, enabling clients to receive materials ready for immediate use. By providing customized supply chain programs, just-in-time delivery, and seamless coordination with manufacturers, TW Metals delivers the efficiency, reliability, and quality that modern industries demand.

Whether you're in nuclear, aerospace, defence, or industrial manufacturing, we are the single-source supplier you can depend on to keep your operations running smoothly. Why settle for less? Join the industry leaders who trust TW Metals.

### **What we offer...**

TW Metals offers specialised, in-house metal processing facilities designed to deliver high-quality, accurate, and distortion-free components to meet the strictest tolerances and industry standards. Whether you require precision-cut materials for aerospace, nuclear, oil & gas, or industrial applications, our advanced processing capabilities ensure consistency, reliability, and superior performance. Our state-of-the-art facilities are equipped with a wide range of cutting and shaping technologies, including:

- Laser cutting – High-precision, clean-cut profiles with minimal material waste.
- Water jet cutting – Cold-cutting technology for heat-sensitive materials, ensuring no thermal distortion.
- Precision sawing – Accurate cutting of bar, rod, and tube to exact specifications.
- Tube assemblies – Fabrication of pre-assembled tube components for streamlined production.

In addition to these core services, TW Metals offers customized processing solutions tailored to unique customer requirements. Our team works closely with clients to ensure materials are cut, shaped, and finished to their exact specifications, reducing production time and improving efficiency.

### **Contact/s for the event**

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## **TWI**

TWI is a membership-based organisation, supporting both individuals and companies alike. We exist to provide authoritative and impartial expert advice, knowhow and safety assurance through engineering, materials and joining technologies – helping you design, create and operate the best products possible.

Our members include some of the biggest names in the world of industry, from aerospace and [automotive](#) to [construction and engineering](#), energy, [power generation](#), and beyond. We support our Members with a unique package of benefits, covering all aspects of materials joining and [engineering technologies](#).

As one of the world's leading independent research and technology organisations, we are committed to attracting, motivating and retaining the best talent from around the world. Our goal is to develop the next generation of experts to address future industry challenges. We are committed to creating a culture that recognises and respects the differences between people while valuing the contribution everyone makes to TWI. The diversity of our staff and students makes a positive and important contribution to our continuing success.

Descended from the British Welding Research Association (BWRA), we have grown into one of the foremost independent research and technology organisations. We span innovation, knowledge transfer and problem resolution across all aspects of welding, joining, surface engineering, inspection and whole-life integrity management.

## **What we offer...**

TWI is a world leading research and technology organisation with bases in the UK and around the world. TWI offers a single, impartial source of services for joining engineering materials. It is internationally renowned for its multidisciplinary teams that implement established or advanced joining technology solving problems at any stage from initial design, materials selection, production and quality assurance, through service, performance, and repair. TWI also supports technologies such as material science, structural integrity, NDT, surfacing, electronic packaging and cutting. Further services include generic research, contract R and D, technical information, consultancy, standards drafting, training and qualification.

## **Contact for the event**

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## **Veolia Nuclear Solutions**

Veolia Nuclear Solutions (VNS) is at the forefront of innovation throughout the nuclear lifecycle. Our comprehensive services span from initial characterization and cutting-edge remote handling technologies to expert decommissioning, decontamination, and waste management solutions.

We specialise in creating custom machinery, providing on-site support, and developing laboratory innovations for both established and emerging nuclear facilities.

VNS portfolio boasts over 214 groundbreaking innovations, including revolutionary processes such as batch vitrification and the pioneering GeoMelt® technology. These advancements underscore our proficiency in robotics, remote systems, and solutions designed to operate in the world's most demanding environments.

VNS has demonstrated its expertise by playing a crucial role in critical remediation efforts at high-profile sites internationally, including Fukushima, as well as on numerous projects within the United Kingdom. Our involvement in these initiatives showcases our capability to effectively address urgent and complex nuclear challenges across diverse locations and scenarios.

Our participation in groundbreaking fusion initiatives, including ITER and JET, underscores our dedication to advancing the frontiers of nuclear science and technology.

### **What we offer...**

We deliver solutions that are not only innovative but also pragmatic and dependable, guaranteeing secure and effective operations across the global nuclear landscape.

At the core of our mission is the development of groundbreaking solutions that enhance safety protocols, optimise operational performance, and promote environmental stewardship in nuclear facilities worldwide. By seamlessly blending our extensive industry expertise with an innovative approach.

To learn more about our groundbreaking work and how we're revolutionizing the nuclear industry, visit our website at [www.nuclearsolutions.veolia.com](http://www.nuclearsolutions.veolia.com).

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