

Innovation Zone



A-Safe - Stand i30

We invented the world's first industrial strength polymer safety barrier in 2001, revolutionising workplace safety. We've been improving world standards ever since, introducing ever more advanced safety solutions. Protection, segregation, detection and prevention, with integrated engineering and technological innovation.

Assystem Energy & Infrastructure Limited - Stand i33

Assystem provides consultancy, engineering support and management services to the nuclear industry, both civil and defence, covering the full design cycle from initial new-build concept development through to decommissioning and disposal.

Barrnon - Stand i1

BHR GROUP - Stand i37

A fluids engineering consultancy, BHR Group addresses challenges ranging from sludge mobilisation, fluids characterisation and floc retrieval to wastewater management and remote structure size reduction. Our services include:

- Process optimisation
- Physical testing and measurement
- Computational modelling
- Waterjet cutting
- Surface decontamination

Casella - Stand i23

Monitoring solutions for workplace and environmental health measurement including real time dust monitors, personal air sampling pumps, Sound Level Meters, personal noise dosimeters, hand arm vibration and environmental monitors. Info@casellasolution

Cineon Training - Stand i45

Cineon Training specialises in Immersive Learning and Human Performance. Our aim is to improve performance through evidence-based training. We apply cutting edge research into Virtual Reality and Eye-Tracking to optimise human behaviour. We work with a range of industries including nuclear, petrochemical, military and sport.

Clicks and Links Ltd - Stand i31

CL specialises in immersive technology. We've done work with large infrastructure projects, rail and in nuclear decommissioning, but also provide immersive training experiences for EDF. We have a team of creatives from differing backgrounds with a shared desire to make your work more fun by crafting the best digital experiences.

Cogentus Consulting Limited - Stand i15

Cogentus has products and services for finding innovative solutions to difficult and complex challenges. We run workshops across the world and help our clients to evaluate projects and technologies. We continue to evolve our unique Idea Catalog and class-leading Smart Decisions software products.

Createc - Stand i29

Createc is an innovative technology company using advanced imaging systems to solve some of the challenges in decommissioning and waste management. Createc is working with nuclear facilities in the UK, Europe and the USA, as well as a full programme at Fukushima in Japan

Dalton Nuclear Institute - i27

The Dalton Cumbrian Facility is The University of Manchester's research base for radiation science, nuclear decommissioning engineering and nuclear sector social research. We are a National Nuclear User Facility, part of the Dalton Nuclear Institute, Henry Royce Institute and EPSRC UK National Ion Beam Centre.

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DAS-ltd- Stand i34

Decision Analysis Services Limited are an independent SME management consultancy specialising in strategy, change, programme management, data analytics and systems engineering. We exist to enable informed and robust decision-making by owners and operators of critical national infrastructure.

EFINOR Limited - Stand i11

EFINOR Limited is an innovative company supporting the Nuclear Industry with high-tech technologies. We are providing special equipment such as shielded forklifts and autoguided vehicles able to perform works and carry heavy loads in ionizing areas.

EneffTech UAV Services - Stand i36

Enefftech UAV Services are your complete solution provider for unmanned aerial vehicles, offering independent drone consultancy - scenario based flight skills training - equipment supply and inspection services to UK nuclear and other energy sectors. Our objective is to mitigate conventional risk, reduce inspection costs and to increase operational efficiency.

First Subsea Ltd - Stand i32

First Subsea is the world's leading developer of subsea connection technology, supplying, installing and decommissioning systems around the world in extreme environments. Developed from mature products designed for safety critical in the offshore Oil & Gas, they have designed and supplied a range of mechanical connectors for Decommissioning.

FIS360 and Game Changers - Stand i7

Game Changers encourages and supports the development of innovative technologies from across industry sectors and academia to meet the complex challenges of nuclear decommissioning. Four projects will be showcased, each demonstrating potential for deployment. Game Changers is a Sellafield initiative delivered by FIS360 Ltd. & NNL.

Imitec - Stand i9

ImiTec specialises in developing and manufacturing novel methods for detecting characterising and visualising/mapping radiation in real-time. ImiTec's Remote Isotopic Analysis System is integrated onto different platforms including UAV's, vehicles, robotic and pipeline inspection systems as well as bespoke systems to address any characterisation challenge.

Innovative Physics - Stand i19

Innovative Physics are a R&D company specializing in radiation detection instruments

IS-Instruments - Stand i40

IS-Instruments develops Raman Spectrometers. Key USPs include

- Making stand-off measurement up to 3 metres
- Advanced data management tools with machine learning
- Portable system with the ability to suppress fluorescence
- Make measurements in nuclear environments.
- Be free standing or ROV mounted

Klauke UK Ltd - Stand i22

German tool manufacturer Klauke produce a certified system for safe cable terminations. Recent advances have allowed certification and remote operation of compression and cutting tools via Bluetooth technology. Compact battery hydraulic solutions can be tailored for specific applications.

Konsolute - Stand i26

Konsolute specialises in Microsoft cloud services and enterprise collaboration platforms, enabling organisations to work smartly and efficiently. Our ex-Microsoft consultants work closely with you to understand your business first and then explore how technology can be tactically used to build a successful digital workplace.

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Krantz Limited - Stand i5

Krantz develops, designs and manufactures high quality exhaust gas filtration, dampers, clean air solutions and specialist products used in the Nuclear and Plant construction sectors.

Lokring Northern (UK) - Stand i20

The Lokring "Cold Weld" pipe and tube connection offers a permanent mechanical connection to the same integrity as a welded joint. Asme rated, Lokring reduces install costs and time on repair, maintenance and new build projects. Used throughout the Nuclear sector.

Lucideon - Stand i25

Lucideon, the materials development and commercialisation organisation, specialises in materials technologies and processes, enabling the nuclear industry to develop and implement disruptive and innovative waste encapsulation technology platforms. Lucideon has an advanced R&D facility, world-leading material characterisation and testing labs and a pilot/feasibility plant.

Lynkeos Technology Ltd - Stand i38

Lynkeos Technology Ltd is an award-winning Scottish company that specialises in the field of cosmic-ray muography, which uses naturally-occurring background radiation to inspect the contents of complex structures such as nuclear waste containers. In September 2018, Lynkeos established a world-first demonstrator facility at Sellafield.

National Nuclear Laboratory - Stand i41

The National Nuclear Laboratory (NNL) is helping the industry to realise its potential. Our understanding of the science, challenges and opportunities makes NNL a unique authority and partner. We provide experts and access to cutting-edge facilities to harness technologies and translate them into industry-ready solutions.

North West Projects - Stand i2

North West Projects is an engineering design company with a primary focus on the nuclear decommissioning sector. Our core capabilities are the provision of Mechanical and CE&I engineering design and project management. Additional services include Process Engineering, HVAC, and CS&A design.

NSG Environmental Ltd - Stand i44

NSG provides decommissioning, waste management, health physics and R&D services to the nuclear industry. Our core skills are in the management and delivery of solutions using our skilled and experienced consultants, scientists, engineers, hands-on health physics monitors and operatives.

Nuvia - Stand i39

Nuvia is an international engineering, project management and service provider. In the UK and internationally we have been at the forefront of the nuclear industry and have developed a reputation for safe, high quality delivery. Our operations include; turn-key design and build, consultancy, waste management, land remediation, decommissioning and radiation protection.

ONET TECHNOLOGIES - Stand i28

With a workforce of over 2700 employees, ONET Technologies, part of the ONET group, offers its clients integrated services that span the entire lifecycle of nuclear facilities: EPC engineering for new build and customised equipment, maintenance services, operational support, decommissioning/dismantling and clean-up, and waste management.

Orano UK - Stand i43

As a world leader in the nuclear fuel cycle, Orano offers cutting-edge products and services to support nuclear innovation. With 16,000 employees across the globe and an established footprint in the UK, Orano brings decades of operational experience to address the industry's most complex technical challenges.

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OREKA Solutions - Stand i17

OREKA Solutions, a subsidiary of EDF Group since May 2018, assists nuclear architect engineers optimise the building, maintenance and decommissioning of nuclear installations through the use of innovative nuclear specific software called DEMplus.

Pajarito Scientific Corporation - Stand i42

PSC offers a comprehensive range of solutions to satisfy all kinds of nuclear material characterisation, containment and ventilation requirements. We offer plant-integrated systems, contract measurement services and specialist consultancy.

RED Engineering - Stand i12

RED Engineering rapidly delivers engineering solutions for construction, maintenance and decommissioning projects. We specialise in remote intervention and the use of robot technology to remove personnel from hazardous environments. Our services range from engineering consultancy, the design and build of bespoke equipment to qualification testing.

Satellite Applications Catapult - Stand i16

The Satellite Applications Catapult is an independent innovation and technology company, created to foster growth across the economy through the exploitation of space. We offer world-class facilities and expertise that enable the best businesses, researchers and end-users to work together to develop new satellite-based applications, translating ideas from concept to market in an open innovation environment.

SCISYS - Stand i14

Our products have earned an excellent reputation globally in the Nuclear sector where innovation, quality and reliability matters.

Sellafield Ltd - Stand i6 & C1

Come and visit the Sellafield stand to meet the Supply Chain Development Team and learn "How to do business" with Sellafield Ltd.

Serimax - Stand i21

Premium welding services, both manual and automatic, which supports our customers in achieving the most complex welding parameters and procedural requirements.

Steve Vick International - Stand i24

Steve Vick International provide safe and cost effective methods of remotely sealing and decommissioning all types of pipelines, ducts and voids

Telespazio VEGA UK - Stand i10

With a pedigree in space technology of over 40 years, Telespazio VEGA UK (TVUK) is an experienced consulting, technology, engineering, operations and service development business. TVUK has built excellent reputation by exploiting Earth Observation, Satellite Navigation & Communications developments, pioneering space operations and applications services.

UK Space Agency - Stand i13

The UK Space Agency is the lead across Government for all Civil space matters. The Space for Smarter Government Programme aims to enable the public sector embrace space and all its applications down here on earth.

Unitrunk - Stand i4

UK leader in the design and manufacture of innovative, cost reducing cable management systems.

University of Bristol - Stand i18

The South West Nuclear Hub provides a focus for nuclear innovation, research and teaching in the south west of the UK. The Hub incorporates many research collaborations such as the Bristol-Oxford Nuclear Research Centre and the Robotics and AI in Nuclear (RAIN) Hub.



Veolia Nuclear Solutions - Stand i3

Delivering nuclear waste management and remote handling solutions in challenging environments, with local expertise and international reach. Track record of solutions for the most challenging decommissioning environments such as at Dounreay, Sellafield and Fukushima.

Viridian Consultants - Stand i35

Viridian Consultants is an award winning innovation company developing disruptive technology for nuclear characterisation: a laser sampling tool, ViridiScope® to collect radioactively contaminated samples for in situ analysis of alpha, beta and gamma activity; ViridiScan® for in situ isotopics; and ViridiScreen®, a remote alpha monitor.

WOW NUCLEAR - Stand i8

Innovative process for ILW HLW
No secondary waste: high DF and volume reduction
Decontamination of surfaces (concrete and metal)