

UK Tech Week, Turkey

16-18 February 2021



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BRITAIN & NORTHERN IRELAND

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I am delighted that you are joining us at UK Tech Week, Turkey. My team takes great pride in introducing you to the UK business delegation and their technologies, which are underpinning the UK's post Covid-19 recovery ambitions.

At the end of 2020, UK Prime Minister, Boris Johnson announced a 10 Point Plan for a Green Industrial Revolution, setting out a range of measures targeted at economic recovery from COVID-19, and calling on business to invest in green technologies and industries. The Turkish government also has ambitious plans and we are pleased that the Ministries of Industry and

Technology and Energy and Natural Resources are joining us to talk about their commitment to developing a low carbon and digital tech future.

For all its progress, the modern world is driving ever increased urban population growth. Coupled with climate change, this presents new challenges for already densely-populated city environments. The UK is recognised as a global leader in the transition towards smarter cities, because of our creativity and the technological expertise of our human capital.

To accommodate the demands of a modernising society, Industry 4.0 is driving the application of digital tools and technologies within the manufacturing value chain. The UK has a leading offer to share, which is successfully enabling the clean transition of enhanced performance and productivity.

I am therefore honoured to introduce you to so many of the UK's most innovative tech companies, who are responding to the global challenge of sustainable urban mobility, clean growth and advancing manufacturing. My team of dedicated trade professionals in Turkey and Eastern Europe and Central Asia are delighted to facilitate conversations for you with the UK's leading companies, both this week and in the future.

I wish you all a very successful and enjoyable week!

Be part of the future: the UK is building tech partnerships for future.

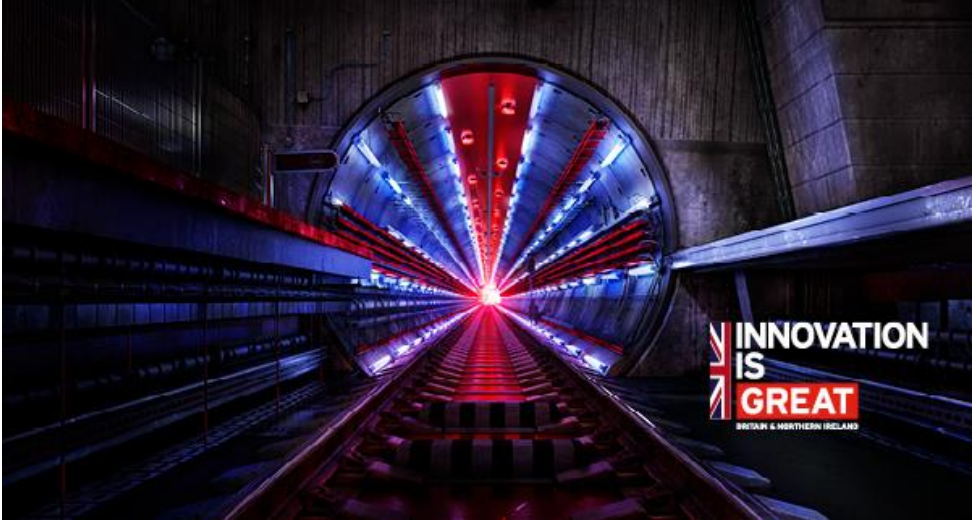


HM Trade Commissioner for Eastern Europe and Central Asia

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UK COMPANIES SMART CITIES TRADE MISSION





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BlockDox

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BlockDox is a data science focussed proptech company based in London but working across the UK and overseas. Using IoT and artificial intelligence, our patented technology helps organisations who have large real estate portfolios or operate public transportation to manage, exceed their sustainability goals, reduce operational wastage and improve space utilisation. The innovation offered by BlockDox has been recognised with multiple awards and significant media coverage incl. BBC TV, Channel News Asia, The Sunday Times & The Financial Times. We were recently named as one of the top 50 highest growth startups in the UK by CityAm newspaper.

Creativity Software

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Creativity Software (CS) is a global leader in mobile data intelligence technologies and a pioneer in mobile network location technology - enabling operators to drive profits from their network data and to comply with regulatory location mandates. CS solutions have been trusted by mobile network operators, emergency services, governments and law enforcement agencies for over 16 years, across 5 continents, covering more than 700 million subscribers.

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EarthSense

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We are EarthSense, a leading air quality specialist, providing services in air pollution monitoring and data provision. We deliver innovative solutions enabling the world to visualise and manage its air quality issues.

EarthSense offers a complete hardware and data solution to air pollution. Products include the Zephyr® air quality sensor and global modelling programme, MappAir®, measuring and modelling gaseous pollutants including Nitrogen Dioxide, Ozone and Particulate Matter in real time.

Working with the likes of smart city planners, environmental health officers and systems integrators, our data & analytics serves as critical components in smart cities, informing major urban planning investments.

Emu Analytics Limited

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Emu Analytics provides cloud-based analytics and visualisation software for big, fast and real-time geospatial data (typically from large IoT sensor deployments, big networks, transport systems and fleet telematics). The software produces insights on the movement, position proximity of "things" operating within a city, analysing very different sources of data together, to provide context and status. The solution, Flo.w, is designed to be used by non-technical decision makers within large infrastructure operators. Customers include Heathrow Airport, British Airways, Transport for London, Transport for Wales & EDF.

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Flitetrak

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Over 20 collective experience of designing and delivering IIoT end to end solutions in Rail, Aerospace and marine environments. Utilising our award winning core technology to provide live remote condition monitoring and control. Ultra small devices but powerful modular solutions.

Gaist Solutions Limited

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Gaist is a multi-award winning international roadscape and highways technology company. We use digital processes to provide deep insights into roads and the roadscape to organisations both in the UK and globally.

We are leaders in having the biggest ever data bank of highly detailed images of the roadscape and highway network – meaning we can provide our customers with unrivalled intelligence and analysis of the whole roadscape based on their specific needs. This includes: Providing high level asset information, mapping and location identification. Surface Materials analysis. Deterioration Modelling. HD site location imagery.

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Ipsotek Ltd

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Established in 2001, Ipsotek is a pioneer in the field of A.I.V.A. (Artificial Intelligence Video Analytics) and Scenario-based intelligent Video Analytics. Ipsotek specialises in empowering automation in video surveillance through premium high end video analytics for live response and forensic investigations.

Ipsotek's software product portfolio includes VISuite AI (Artificial Intelligence), VISuite FR (Facial Recognition) and VISuite LPR (License Plate Recognition). Each of these state of the art technologies provides value to customers by improving security, health & safety and operational efficiency.

Sturdy Europe

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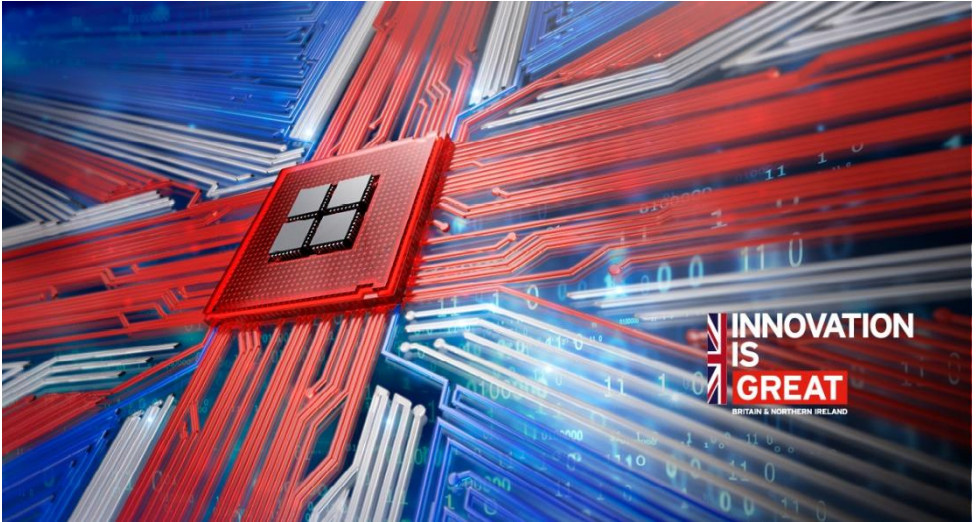
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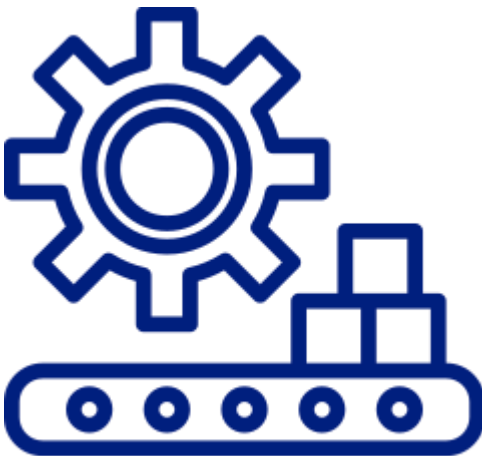
Sturdy Europe are focused on designing products that provide gains in safety, environmental management, and fuel economy. With more than 45 years of fleet management technology experience, we are experts at solving challenges that fleets face and improving your bottom line.

Sturdy's SpeedIQ® brings ISA to your fleet today. Intelligent Speed Assistance refers to active systems that constantly monitor the location of your vehicle and adjust its maximum allowable top speed. Combined with our VMS fleet management solution we eliminate speeding events and aggressive driving behaviours, allowing your fleet to operate safely, more fuel efficiently, and to reduce Co2.

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UK COMPANIES DIGITAL MANUFACTURING TRADE MISSION



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Bytronic Automation Ltd

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Bytronic Automation is the UK's leading automated vision team. With over 20 years experience we develop vision and software solutions for manufacturers, automating inspections and provide data and intelligence. We have specialisms in both visual and thermal imaging and our software provides industry 4.0 edge and cloud computing. Uniquely our software brings together different camera and sensor inputs to create multiple simultaneous inspections. Our customers are world leaders in the automotive, food and beverage, logistics and e-commerce industries.

Conundrum Industrial Limited

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Conundrum provides Artificial Intelligence and Machine Learning platform for Industrial Data, enabling better Predictive Maintenance, Processes Optimisation, Automation of Quality Control and Material Tracking, Digital Twins. Its solutions are delivered On Cloud and On Premises, with unique features such as self-adaptation, automated building ML models and high predictive capabilities. Its special forte are Process Industries, Mining, Metals, Oil and Gas. Clients include a number of Fortune 500 market leaders.

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Expert Tooling & Automation

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Expert is the UK's leading manufacturer of industrial automation systems, assembly tooling, automated assembly, special purpose machinery and single and multi-robotic cells, including robotic assembly. We are an established and highly respected engineering supplier to the automotive, powertrain, composites and light weighting, aerospace, medical, energy, FMCG and OEM sectors, first established in 1972. Our philosophy is to provide the latest Advanced Manufacturing Technologies within our products and services. Our talented and experienced team members are committed to creating strong and lasting relationships with our customers by fully understanding their needs, maintaining a close working relationship and carefully managing large and small projects alike.

HSSMI

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HSSMI is a sustainable manufacturing innovation consultancy, committed to helping manufacturing companies achieve their ambitions. HSSMI works across manufacturing industries to help companies respond to market challenges by increasing productivity, transitioning towards a circular economy, and upscaling their products and processes. Since being founded in 2012, HSSMI has worked with government bodies, established manufacturers and aspiring start-ups. HSSMI connects industry experts with people who want to make their products in a cost effective, innovative and sustainable way. HSSMI's areas of expertise include: manufacturing strategy, digital manufacturing, circular economy, lean manufacturing and automation, hydrogen propulsion, simulation, battery technology, and project management.

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Illuminis Insight Software Limited

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Illuminis Insight Software Limited was formed in 2012 and is based in Milton Keynes. For clients such as Marshall Amplification Limited, we deliver business intelligence solutions which combine sophisticated, easy to use software with expert data advice, which is always on tap. On a turnkey basis, we will link up all your data sources – ERP/MRP; workflow; data capture; spreadsheets – into a single SQL database which sits on your equipment (which may be in the cloud). Our Octelas software is designed to be completely flexible and is configured by us (in just a few days) to suit your exact needs.

Kognitiv Spark

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Kognitiv Spark is a global leader in secure, reliable and effective industrial task support. Built for the Microsoft HoloLens, we use proprietary software technology to deliver a premium, mixed and augmented reality solution for maintenance, repair and remote support.

Our software, called RemoteSpark, transforms operational productivity by bringing expert support to frontline workers without unnecessary travel or downtime. Workers using the HoloLens can connect to experts anywhere in the world. The expert can then provide guidance using real-time voice and video, interactive holograms and 3D content, and live IOT data - all within a secure, fully encrypted platform.

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Oxford Advanced Surfaces

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No Abrasion Surface Preparation for Composites - Removing the need for sanding or abrasion when preparing composites for paint or lacquer, Onto™ is a liquid surface treatment for all composites that can be applied by spray or roller. Onto™ is NOT an etch, it works by chemical insertion into the molecular chains of the composite and the coating applied on top of the treatment. Onto™ provides a practical approach to surface preparation that reduces processing time, reduces cost, improves adhesion, improves quality and is easily repeatable. Onto™ allows materials to be coated immediately or in batches over a period of weeks.

Photocentric Ltd

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Photocentric has been manufacturing photopolymer resin since 2002 and are the undisputed world-leaders in visible light polymerisation. For nearly two decades, Photocentric has prioritised innovation creating new products for the printing industry. In 2014 we started our journey into 3D printing with the use of LCD screens. This technology is now starting to change volume manufacturing with our largest format and most advanced printer, the Liquid Crystal Magna. We are now applying our disruptive technologies to a wide variety of industries. The most significant area we intend to apply our technology to is the 3D printing of batteries.

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Senseye Ltd.

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Senseye, headquartered in the UK with regional offices in Germany, France, USA, and Japan is a leading industrial software company for Machine Health Management. Senseye helps global industrial organizations to save millions of dollars in unplanned downtime and maintenance efficiencies every week in key industries such as Automotive, Manufacturing, Heavy Industry and CPG / FMCG.

Starling Solutions

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Starling provides a complete solution for managing your work instructions and training in one place, simplifying compliance with ISO 9001. Create your work instructions using a tablet in the factory, include photos and videos to improve understanding. The document approval process is built in ensuring operators can only view the latest version. Integrated training management ensures your training records don't get out of date. Get in touch to book a demo of our software today.

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Valuechain

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Fitfactory is the intelligent way to make factories fit. With more than 400 companies using our modular ERP systems, we are supporting manufacturers through their digital transformation to become leaner, more agile and more productive. By embedding our systems with data intelligence, we digitalise and streamline manufacturing operations from supply chain management, through production control to customer relationship management and help companies make more intelligent decisions.

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UK COMPANIES RENEWABLES TRADE MISSION



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Arinna Solar

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The mission of Arinna Solar is to originate, develop, finance, build, own and operate utility scale solar projects internationally. We are deploying highly efficient and reliable second generation Photo Voltaic (PV) technology with AI enabled storage solutions (including green hydrogen optionality/demonstration) in the UK and abroad. We are responding to the Climate Emergency and the UK government commitment to end its contribution to global warming by 2050. We are a disruptive, renewable energy and storage business who is solving tomorrow's problems today together with our customers, partners and community stakeholders.

ARUP

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Arup is an independent firm of designers, planners, engineers, architects, consultants and technical specialists, working across every aspect of today's built environment. ARUP helps clients, operators, developers, and investors to procure, design and deliver successful renewable energy projects that represent the future direction of the vital industry.

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Energy Systems Catapult

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Energy Systems Catapult was set up to accelerate the transformation of the UK's energy system and ensure UK businesses and consumers capture the opportunities of clean growth. The Catapult is an independent, not-for-profit centre of excellence that bridges the gap between industry, government, academia and research. We take a whole systems view of the energy sector, helping us to identify and address innovation priorities and market barriers to decarbonise the energy system at least cost.

GreenEnco Ltd

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GreenEnco is a techno-commercial risk management advisory company in solar, energy storage and EV charging infrastructure projects. GreenEnco has been identified as one of the high potential UK SMEs developing innovative solutions under Smart Energy Innovations for International Markets.

GreenEnco has developed a systematic asset optimisation strategy for solar projects - driven by Artificial Intelligence (AI) and Machine-Learning (ML) algorithms with a strong emphasis of domain specific human intelligence. These algorithms are successfully implemented in 330MW solar projects with an average 10% generation uplift. GreenEnco has performed over 2.5GW of projects in design optimisation, owner's engineering, and asset optimisation domain.

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Petrofac

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Petrofac is a leading international service provider to the energy industry. They design, build, manage, operate and maintain offshore and onshore facilities upstream, downstream and across the renewables sector. Our four-decade track record of safe and reliable execution is underpinned by a cost effective, local delivery model along with training and competence solutions that support safe, skilled and competent workforces globally. With around 10,700 employees, Petrofac operates out of seven strategically located centres and has a further 24 offices worldwide.

RES Group

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RES (Renewable Energy Systems Ltd) is one of the world's leading independent renewable energy companies. At the forefront of renewable energy development for over 39 years, RES has developed and/or built over 19GW of renewable energy capacity worldwide. RES' core activities are onshore wind, offshore wind&solar, energy storage and transmission&distribution. RES is headquartered in the United Kingdom and operates across the globe. RES operates assets of 7GW, signed 1.6GW corporate Power Purchase Agreements and offsets over 21 million tonnes of CO2 every year. RES is active in Turkey since 2009.

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Ryse Energy

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With 4,000 installations across seven continents, Ryse Energy is a global leader in renewable off-grid energy systems. Our company manufactures small wind turbines and designs renewable energy systems based on wind and solar technologies, which can be integrated with energy storage to provide a secure and resilient source of energy for all. Our solutions are deployed in a variety of applications from high technology telecom systems to water pumping and community power in developing countries. Safe, Secure, Sustainable and Resilient electricity for all.

Solar Century

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With 4,000 installations across seven continents, Ryse Energy is a global leader in renewable off-grid energy systems. Our company manufactures small wind turbines and designs renewable energy systems based on wind and solar technologies which can be integrated with energy storage to provide a secure and resilient source of energy for all. Our solutions are deployed in a variety of applications from high technology telecom systems to water pumping and community power in developing countries. Safe, Secure, Sustainable and Resilient electricity for all.

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TESUP Electronics Limited

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The world was built on non-renewable energy, but it is time to make the switch to renewable energy, and fast. That can be hard to do when most renewable energy technologies are expensive, but just like a chameleon, the change can be easy with TESUP Electronics. With experience and knowledge dating back to 1974, we London based company have committed to designing smart electronic products for the renewable energy sector and providing solutions in line with our clients' needs. Our engineers provide affordable, innovative, high-quality, clean energy technologies that can be available to everyone: homeowners, businesses, schools, non-profits and government organisations.

Worley

Dr. Safwan Yousif, Principal Consultant – Decarbonisation and Energy Transition **and** *Daniela Hajkova, Business Development Manager - Power, Water & New Energy*

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Worley is a worldwide team of consultants, engineers, and construction works and data scientists with one thing in common – we love to be challenged. We solve the complexity of the energy, chemicals and resources sectors. We recognize the need to transform our business to help our customers respond to forces such as climate change, new energy, the circular economy, digitalisation of our industry and to establish a leadership position in the energy transition.

Our partnerships help deliver sustained economic, social and environmental progress across the world. We are driven by a common purpose: delivering a more sustainable world.

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