

INNOVATION

HIS MAJESTY THE KING has been graciously pleased to confer His Awards in 2024 upon the following business units in recognition of their outstanding achievements in Innovation:

<i>Name</i>	<i>Location</i>	<i>Product or Service</i>
365 Business Finance Limited	Greater London	AI-powered automated underwriting and funding, improving speed of funding for SMEs and underwriting accuracy.
3D Technologies Ltd	Warwickshire	Unique motion-sensor-based measuring tool for capturing and drawing regular and irregular shaped areas and elevations.
Aanco (UK) Limited	North Yorkshire	Innovative and novel roof lantern that can be fitted in minutes and glazed in seconds.
Aberlink Limited	Gloucestershire	Innovative design and error compensation of a delta mechanism for metrology.
ADF Milking Limited	West Sussex	Automated vacuum control technology for milking that improves animal welfare and increases milking parlour efficiency.
Advanced Manufacturing (Sheffield) Ltd	South Yorkshire	Precision manufacture of complex aerofoil geometries from forging, utilising patented dampening fixture.
Alfred H. Knight Holdings Limited	Merseyside	Digital transformation of complex inspection services in the metals & minerals sector in Africa.
Almath Crucibles Ltd	Cambridgeshire	The research and development of high purity fully vitrified MgO ceramics for the nuclear industry.
Aston Martin Lagonda Global Holdings PLC	Warwickshire	Innovative perforating and quilting solution producing decorative finishes and a cooling function on automotive interiors.
bf1systems Limited	Suffolk	2.4GHz based, Tyre Pressure and Temperature Monitoring System delivering high-accuracy data for performance vehicles globally.
Bionema Group Ltd	West Glamorgan	Natural biocontrol solutions protecting crops from pests & diseases without harming humans or the environment.
Bluewater Bio Ltd	Greater London	Removes deadly phosphorus from rivers better than any other technology in the world. Independently verified.
Bryden Wood Technology Limited	Greater London	Construction Platforms: a digital design and delivery system to increase productivity, reduce carbon and cost.
C Brandauer & Co Ltd	West Midlands	An evolution in Micron Precision Tooling that's boosting reshoring and supporting the UK's electrification drive.
Cokebusters Ltd	Clwyd	Ultrasound intelligent pig for internally measuring tube metal integrity especially when externally inaccessible.
Createc Ltd	Cumbria	Modular robotics integration services for hazardous environments.
Creo Medical Group PLC	Monmouthshire	Advanced Energy electrosurgical device for minimally invasive endoscopic removal of pre-cancerous and cancerous lesions.
Dura Composites Ltd	Essex	Uniquely designed heavy duty anti-slip structural walkway grating providing 33% carbon and weight savings.
EA Technology Ltd	Cheshire	Low Voltage monitor that provides valuable insight into electricity network efficiency, optimisation and fault management.
Filtronic Broadband Limited	County Durham	High-frequency, solid-state power amplifier enabling high speed, low latency data transfer to low-earth orbit satellites.
Frugalpac Ltd	Suffolk	World's first and only commercially-available paper bottle for wine and spirits, decarbonising the drinks industry.
Giocoguardo Ltd	Cambridgeshire	Pumpless espresso machine with innovative temperature control system, extending service life and reducing material consumption.
Gripple Ltd	South Yorkshire	Innovative pre fabricated bracket solution for the installation of mechanical services in restrictive spaces.
Hadean Supercomputing Ltd	Greater London	Computing resource allocation for distributed spatial computing with a subscription based data delivery system.
Halo Solutions Ltd	Nottinghamshire	Lifesaving software invented by counter-terrorism police officer, motivated to help after Manchester Arena bombing.
Hi-Level Mezzanines Ltd	Hampshire	An innovative software solution for efficient designing, estimating and manufacturing of bespoke mezzanine floors.
Hygienex trading as HSG UK	Derbyshire	HSG's revolutionary washroom innovation technologies significantly reduce water consumption, save money and improve the environment.
Idem Safety Switches Ltd	Manchester	Ultra reliable grab-wire emergency stop switch for conveyors, especially for harsh / high-load environments.