

Results of competition – Building UK's leadership in aerospace technology

Competition code: 1410_CRD2_TRANS_ATI2

Total available funding for this competition was £25million from the Department of Business, Skills & Innovation (BIS) and Aerospace Technology Institute (ATI)

Note: These proposals have succeeded in the assessment stage of this competition. All are subject to grant offer and conditions being met.

Participant organisation names	Project title	Proposed project costs	Proposed project grant
Advanced Aerospace Assembly Ltd	Aircraft Maintenance Repair & Overhaul Configuration Capture System	£1,278,849	£637,732
Advanced Innovative Engineering (UK) Limited	SREEV - SPARCS Rotary Engine for Electric VTOLs	£1,058,954	£529,477
Airbus Group Innovations	Project AIRSTART (Accelerated Integration of Reliable Small uav systems Through Applied Research & Testing)	£3,193,017	£1,596,317
Airbus Helicopters UK Limited	Measurement of Dynamic Rotor Blade Deformation	£2,024,000	£1,012,000
Athene Works Limited	The Little Owl Unmanned Air System	£3,477,782	£1,738,891
Avanti Communications Limited	AQUILA - Secure and Robust Communication System for Avionics Operations and Acquisition of Payload Data for Remote Piloted Aircraft (RPA)	£4,154,978	£2,077,488
Barnard Microsystems Limited	ADAS20 = Airborne Detect and Avoid System 2020	£1,970,968	£985,484
Cambridge Flow Solutions Limited	AuGMENT - Advanced Geometry and Meshing Engineering Tools	£1,296,935	£648,467
CFMS Services Ltd	Future Engineering System	£4,220,000	£2,110,000
IHS ESDU	Surface Tolerances for Aircraft Design, Maintenance and Repair	£955,164	£472,831

Note: to see the project description, please see here: <https://www.gov.uk/government/publications/innovate-uk-funded-projects> and use the Competition Code given above to search for this competition's results. This file is updated the 1st week of every month.

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Ilika Technologies Ltd	Self-Healing Alloys for Precision Engineering (SHAPE)	£2,145,955	£1,072,975
Meggitt Control Systems - Birmingham (MCS-B)	Diffusion Bonded Aero Heat Exchanger	£949,961	£474,981
Plant Integrity Limited	RiviT	£981,847	£490,923
QinetiQ Ltd	Electric Motor Powered Aero-engine Simulation of aircraft models in Wind Tunnels (EMPAS)	£2,431,368	£1,205,839
Rolls-Royce plc	b bn	£1,501,610	£750,800
Rolls-Royce plc	REMASTER - Repair Methods for Aerospace Structures using novel processes	£3,484,951	£1,698,944
Romax Technology Limited	Heatssim: Holistic Engineering Approach to Thermal and Structural Simulation	£1,025,062	£512,516
Sigmatex UK Ltd	Breakthrough Aerospace Material - BAM	£3,578,979	£1,788,966
Triumph Actuation Systems - UK & IOM	High Availability Redundant Actuation Systems - HARAS	£1,011,870	£505,822
Tyco Electronics UK Ltd (TE Connectivity)	Lightweight Long Flexible Printed Circuits For Aerospace Applications	£1,945,949	£972,974
VBC INSTRUMENT ENGINEERING LIMITED	AUTONOMOUS AERO TURBINE BLADE RE-MANUFACTURING SYSTEM	£2,317,767	£1,158,567
VICTREX PLC	High temperature, affordable polymer composites for AM aerospace applications	£1,641,162	£820,854
Zenotech Ltd	Hyper Flux ++	£850,067	£425,000

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