

Results of competition – Smart 2014 Round 5

Total available funding for this competition was £9.3million from Innovate UK

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

Development of Prototype

Participant organisation names	Project title	Proposed project costs	Proposed project grant
4most Europe Ltd	4mostPGM	£167,172	£75,227
Advanced Innovative Engineering (UK) Limited	The Development of an Ultra Compact Electric Vehicle Range Extender Unit	£304,743	£137,134
Alchemie Technology Ltd	Development of a digital printing technology demonstrator for the additive manufacturing of textiles	£477,818	£215,018
Arterius Limited	Design, Development and Validation of a Pre-production Prototype Rig for Clinical evaluation of biodegradable stents	£484,370	£217,966
Atwell International Limited	VG8 Safety Gear	£483,276	£217,474
Bio-Bean Ltd	Advanced Biomass pellets from used Coffee grounds - Bio-Bean Ltd	£535,909	£241,159
Cybula Ltd.	Event Detection Platform (using pattern matching analytics)	£320,815	£144,366
Egress Software Technologies Limited	TRUST NETWORK PLATFORM	£667,691	£233,692
Elastomer Engineering Ltd.	Elastomer Fine Bubble Diffuser Project	£275,568	£124,000
Elstat Electronics limited	Astral	£520,811	£234,365
Futurenova Limited	A Universal RFID Smart card reader for the FlipPad.	£250,000	£112,500
JKu & Associates	Advanced analytics technology for recruitment	£416,721	£187,524

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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Kuber Ventures Limited	KuberViewPlus- Development of Prototype	£255,276	£114,874
Loc8tor	Developing Loc8torHC platform: Healthcare, Home Safety and Wellbeing monitoring for senior citizens	£439,638	£197,837
R E Bowers & Freeman Limited	Advanced Tooling Technology for the Aerospace Fastener Industry	£434,766	£195,644
RNF Digital Innovation Ltd	BEAM	£513,130	£230,908
Seactive Ltd	Seactive - Developing a Prototype Airloop Suspension Seat	£410,411	£184,685
Smart Surgical Appliances Ltd	SmartShadow - Development of Prototype	£460,284	£207,127
Squirrel	Nudging Users into Thrifty Saving (NUTS)	£553,860	£249,237
Techna International Ltd.	Development of 125A Smart Breaker for AC & DC Application	£487,052	£219,173
The Technology Research Centre Ltd	A new process to achieve 33% energy & cycle time reduction for moulding of thermoplastics using microwave heating - Microcool	£569,231	£250,000
whiteBULLET Solutions Limited	whiteBULLET IP Risk Assessment Tool for Websites	£487,814	£219,516
XAD Communications	XAD - Satellite Communications on the move (SOTM) RX & TX Development	£641,761	£250,000
Xenomorph Software Limited	Data Unification Layer (DUL)	£529,310	£238,190
Zzish	Zzish - An Open Platform for Social and Personalised Mobile Learning	£557,087	£250,000

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Proof of Concept

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1248 Ltd.	1248 Universal IoT Device Manager	£130,530	£78,318
3D Technologies Ltd	An Innovative 3-Dimension Measuring Device	£123,487	£74,092
Alcove Limited	Assistive Smart Watch Applications	£127,180	£76,308
Bauman Lyons Architects	Mass Bespoke: a digital construction system from Bauman Lyons Architects	£130,514	£78,308
Blagdon Actuation Research	Blagdon Actuation Research Pump Concept Investigation	£166,234	£99,740
blendology Limited	e-Paper Real-time Event Badges	£139,725	£83,835
C4X Discovery	C4X Discovery - Validation of GPR142 as a Target for Type II Diabetes	£99,924	£59,954
Canary Control	Continuous Boiler Efficiency Measurement - COD-WASP system	£140,051	£84,030
Cannybots Ltd	Cannybots - Toy robots for education, play and beyond	£99,173	£59,503
Chiaro Technology Ltd.	CORA: A new generation of exercise trackers for women	£166,066	£99,636
Coltraco	Evaluation of the use of ultrasound for pressure measurement in fire suppression cylinders	£175,138	£100,000
Cutting and Wear Resistant Developments Ltd	Development of Improved Hardbanding materials for Drill pipe in oil and gas drilling operations	£219,862	£100,000
DigitalMR Ltd	Emotion Detection for Social Media Applications (EDeSMA)	£166,282	£99,769
Essentia Analytics Ltd	The development of an investment decision-support system that utilises data from wearable technology devices.	£166,058	£99,635
Historic Futures Limited	Historic Futures POC project	£167,417	£100,000
Influencer Insights Ltd	Influencer Insights -- Project Reconnaissance: Social reconnaissance for social salespeople	£158,850	£95,310
iProov Limited	DELFINA - DEep Learning for Face ID verification in Network Applications	£156,671	£94,003

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Jellagen Pty Ltd	A chemistry analysis conducted by Jellagen Pty Ltd into the functionalisation of collagen and its fabrication into novel wound healing devices targeting diabetic foot ulcers.	£162,462	£97,477
Karm Research Group Limited	Novel antimicrobial touch surfaces based on a nanocomposite electrodeposited metal matrix	£170,345	£100,000
Kimal plc	Sepsis detection wristband from Kimal plc	£205,972	£100,000
Kwikbolt Limited	The testing and demonstration of a slave fastener manufactured using the Metal Injection Moulding process as required for large volume manufacturing.	£111,450	£66,870
LaunchPad Recruits Ltd	Machine Learning for Computing Occupational Culture-fit using Automated Predictive Video Recruitment Software	£166,444	£99,866
Level 29 Limited	Gleaning POC project	£172,010	£100,000
Metail Limited	Wotou	£165,727	£99,436
Metrarc Ltd	Metrarc - SecureIoT - Novel ICMetrics Security for the Internet of Things	£164,305	£98,583
Mole Solutions Limited	Innovative Intermodal Urban Freight Transport Solution	£164,874	£98,844
Moormead Solutions Limited	Smart Optical Sewer Monitoring	£152,705	£91,623
NIRI Ltd.	Proving the concept of a low-cost, gravity-fed, blood separation unit	£158,298	£94,979
Optricks Media Ltd	3TA (Optricks Media Ltd)	£108,287	£64,972
Pera Technology	Improving the value of polyethene waste using novel colour extraction technology	£98,347	£59,008
Powervault	Domestic Energy Storage - Second Life Batteries	£117,427	£70,456
Prometheus Developments Ltd.	Liquid Flame Retardant For Prepregs and PU Foams	£103,100	£61,860
Provenance	Provenance Product Passport	£147,460	£88,476
Rapid Powders Ltd	GRAiL	£82,447	£49,468
RedBlack Software Ltd	Recipe Management System (RMS)	£124,375	£74,625

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Rosehill Polymers	Development of a novel acoustic absorber for the cost-effective reduction of railway noise	£166,114	£99,668
Specialist Vehicle Trading Ltd	Construction of a Proof-of-Concept Prototype Rescue Vehicle: Sentinel.	£205,819	£100,000
Spend360 International Limited	ORAC	£159,577	£95,746
Surface Measurement Systems Limited	Gas Adsorption Ellipsometer for Thin Film Characterisation	£170,978	£100,000
UNIT9	The Pretender	£154,749	£92,849
Warwick Analytical Software Ltd	Automated Information Retrieval (AIR)	£149,439	£89,663

Proof of Market

Participant organisation names	Project title	Proposed project costs	Proposed project grant
Advanced Laser Technology Ltd	Laser Welded Corrugated Thin Metal Sheets	£41,247	£24,748
Anaxsys Technology Ltd	Anaxsys Technology Ltd Lung Cancer Screening Device	£41,605	£24,963
Baltex	An innovative pressure relieving mattress topper for the prevention of pressure ulcers.	£42,503	£25,000
Bellrock Technology Ltd	How Could Bellrock Technology's Lumen Platform Advance Data Analytics In The Oil & Gas Industry	£41,900	£25,000
Cadscan Ltd	Low-Cost, High Accuracy 3D Scanning	£41,700	£25,000
Cellular Systems (Grantham) Limited	Market for Campylobacter monitoring / Diagnostic tools - an in depth study.	£40,800	£24,480
Compton Services Ltd	Situational awareness technology for critical services	£48,052	£21,624
D RISK IT	DRI Business Intelligence Platform	£32,486	£19,491
Dearman Engine Company	Dearman Engine Company - proof of market LNG	£64,456	£25,000
Dexo Technologies Limited	New anti-microbial coating for the food industry	£30,800	£18,480
Enable Business Solutions Ltd	SharePerfect Proof of Market	£41,682	£25,000

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Energy Transitions Limited	Solar cooling of buildings using low emissivity transpired solar collectors and desiccant air conditioning technology	£28,122	£16,873
Envirotec Ltd	Cleanair	£41,800	£25,000
Fabbed Limited	Fabbed e-desk POM project	£41,652	£24,991
Gibson Technology Limited	Advanced Rotary Generator	£41,578	£24,947
ICAPPIC	ICAPPIC technology, a novel approach to high-throughput dose response testing of pain-killers using single neuron cells	£41,700	£25,000
Impact Solutions	Proof of Market Study for Non Destructive Testing of Plastic Pipe welds	£42,000	£25,000
ORC Innovations Ltd	Thermaflex: Thermal Expansion Pumping Technology	£39,030	£23,418
Our Mobile Health	High Quality mHealth app portfolio managed service	£36,000	£21,000
Perceptive Engineering Ltd	Digital Monitor for Optimised Anaerobic Digestion	£38,898	£23,338
Quanteco Sensor Technology Limited	Quanteco: High Performance Portable Gas Sensors	£39,697	£23,817
R.G. SITE MAINTENANCE LIMITED	Enhanced Efficiency and Safety in the Handling of Palletised Products for Transportation in Containers (SafeLoad)	£41,400	£24,800
t-mac Technologies Limited	Automated Intelligent Demand Side Response System	£67,271	£25,000
VirtualPie Ltd (trading as BHR Group)	PoM for an Innovative Water-Hydraulic Directional Control Valve	£31,616	£18,969

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