

## Results of competition – Improving food supply chain efficiency

Competition code: 1410\_CRD2\_AGRI\_FD\_IFSCE

**Total available funding for this competition was £11.5million from Innovate UK, Department for Environment, Food & Rural Affairs (DEFRA) & Biotechnology and Biological Sciences Research Council (BBSRC)**

**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
Bio-Check (UK) Limited	MycoPure: Novel sample extraction process to facilitate rapid, reliable mycotoxin testing in food samples	£323,100	£209,985
C-Tech Innovation	RF assisted proving and baking (RF-ProBake)	£474,976	£265,028
C-Tech Innovation Ltd	Continuous in line cooking of meat products	£570,000	£320,000
C-Tech Innovation Ltd	In-Pack Ohmic Food Processing	£548,005	£383,967
Cobrey Farms	Season extension of UK asparagus using dynamically controlled atmosphere	£666,245	£472,484
Crop Systems Ltd	Development of CFD based modelling tools and retro-fit solutions to provide improved CIPC control in potato storage to meet the new low residual limits & application levels	£829,939	£585,483
Dalehead Foods (part of Tulip Limited)	Detection of contamination on lamb carcasses: reducing waste, improving efficiency and meat safety (C-DeS)	£690,817	£449,232
DEXT Heat Recovery (DHR)	Advanced heat recovery system for the food manufacturing industry, DEXT	£653,272	£451,054
Environmental Process Systems Ltd	Low Grade Waste Heat Driven CHP Combined with Ejector System for Heating, Cooling and Power Generation in the Drink Supply Chain	£663,245	£459,245
Flint Engineering Ltd	Active refrigeration shelf with thermal storage	£592,052	£412,572
Geo Green Power Ltd	EnviroSave - Environmentally Cost Saving Efficient and Hygienic Humidity and Temperature Control System for Safe Storage	£708,078	£479,875

**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 1<sup>st</sup> week of every month.**

# Innovate UK

Technology Strategy Board

	of Meat and Poultry Products		
Greencore Food to Go	Quality and shelf life improvements for baguettes in the food to go sector	£548,168	£308,373
Idhammar Systems Limited	Development of an Autonomous & Intelligent Supply Chain Overall Resource Effectiveness (SCORE) tool for improving resource usage efficiency & reducing waste production in food and drink supply chains	£826,018	£485,507
Marlow Foods Limited	Functional mycoprotein from the Quorn fermentation process as novel sustainable ingredient	£989,983	£645,832
Marlow Foods Ltd	Process intensification for the production of mycoprotein and Quorn products using an innovative (Microwave Volumetric Heating (MVH) process	£756,971	£407,266
Nestle UK	A Roaster Heat Recovery Process to Reduce Energy Consumption and Waste in the food supply chain	£818,970	£517,594
Nestle UK & I	Effective milk processing with variable composition	£783,713	£497,252
Olympus Automation Ltd, Trading as OAL Group	Advanced Cooking and Cooling Technology (ACCT)	£968,777	£647,186
Sainsbury's	Reducing waste and improving quality in the food supply chain using cold plasma technology as a last decontamination hurdle on the food production line.	£338,430	£211,047
Saker Solutions Ltd.	CraftBrew Whole Brewery Management System	£595,378	£429,120
SERE Tech Innovation Ltd	Novel Integrated EPS and PEF process for Dairy byproducts processing for use as high value ingredients	£733,254	£482,728
System Integration (Trading) Limited	OPTIMAL	£930,546	£633,050
Warburtons Ltd	Reducing Waste on Bread Roll Plants by application of Novel Process Technologies	£438,643	£283,767
Young's Seafood Ltd	Bacteriophage control of listeria in chilled RTE salmon products	£378,289	£230,865

**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 1<sup>st</sup> week of every month.**