

Battery Innovation Feasibility Studies Round 1

Project Title	Lead	Sector Classification
GENESIS-VT (Generating Energy Security in the UK through Industrial Scale-Up - Virtual Twin Study)	EQONIC GROUP LIMITED	Manufacturing systems / circular economy
SonoGuard: Feasibility Study for Ultrasound-Based Predictive Diagnostics for Automotive Battery Safety	SENTION TECHNOLOGIES LIMITED	Battery testing & safety
Microfibrous Metals for Application in Sodium-batteries (MIMAS)	M-SPIN LTD	Stationary energy storage
SELECT: Safe bike ELECTrification	ILIKA TECHNOLOGIES LTD	Micromobility solid-state batteries
Advanced materials for PFAS-free EV battery electrode binders and venting membranes	AMPHIBIO LTD	Sustainable materials / advanced polymers
SOLID-State & DRY-Coating Innovation for Vehicle Electrification (SOLID-DryVE)	NISSAN MOTOR MANUFACTURING (UK) LIMITED	Solid-state battery manufacturing
Validating a Sovereign UK Ecosystem for Next-Gen Sodium-Ion & LTO Batteries	RAEON LTD	Defence, marine, robotics
Cleaner, Faster, Cheaper: Integrated Low-Carbon Manufacturing for Sustainable Battery Materials	ASHE MORRIS LTD	Sodium-ion anode manufacturing
SCOPE-X	ILLUMION LTD	Manufacturing quality control
Cathode particle surface engineering enabling all-solid-state batteries	LIGHTNING TREE ADVANCED MATERIALS LTD	Advanced materials for ASSB
GRASIA Production of Graphite-Silicon Battery Anode Composite Materials	RAPID POWDERS LIMITED	High-energy lithium-ion
IPSIE - Interfacing Porous Silicon with Innovative Electrolyte for next generation batteries	GENCOA LIMITED	Next-generation battery materials

Battery Innovation Concept Development Round 1

Project Title	Lead	Sector Classification
NEXLMFP: Demonstrating Next-Generation LMFP Materials for UK Cell & Battery Manufacture	DENCHI POWER LIMITED	Battery materials & cell manufacturing
REMADE – Recycled Materials for Advanced Domestic Energy	ALTILIUM METALS LTD	Battery recycling & circular economy
Ultra high-energy Li-ion battery production technology	INATION ENERGY LTD	High-performance batteries (aerospace/defence/HAPS/subsea)
Low carbon high-efficiency Recycling of BM to CAM using a novel direct conversion process	WATERCYCLE TECHNOLOGIES LIMITED	Battery recycling & materials recovery
Cost-effective, Resilient Solid-state Li-S (CoRe-SoLiS)	GELION EUROPE LTD	Solid-state EV batteries
RAISE - Robotic Automation for Improved Safety & Efficiency	EUROPEAN METAL RECYCLING LIMITED	Battery recycling automation
TideRunner: High Performing Battery Modules with Intelligent Control Systems for Maritime	WILLIAMS GRAND PRIX TECHNOLOGIES LIMITED	Marine electrification
UK-HDBAT - UK Heavy-Duty Battery Supply & Pack Technology	HIXAL LTD	Construction electrification / off-grid power
Advanced Modular BattERy System (AMBerS)	RICARDO UK LIMITED	Aerospace/automotive/off-highway/defence high-power systems
Cellect: Faster, Lower-Cost Battery Cell Selection Through Degradation-Aware and Techno-Economic Modelling	ABOUT:ENERGY LIMITED	Digital battery tools & modelling