

BATRAW

Recycling of end of life battery packs for domestic raw material supply chains and enhanced circular economy



Co-funded by the European Union

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UK Research and Innovation

ISLE UTILITIES LTD participant in Horizon Europe Project BATRAW is supported by UKRI

www.batraw.eu

48 months



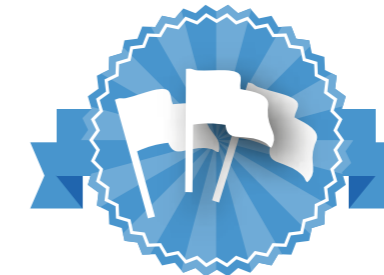
12,3 M€ total budget



17 partners



7 countries



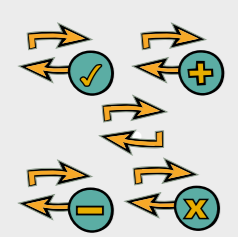
Our OBJECTIVES



To deliver battery grade secondary Co, Ni, Mn, Li, C-graphite and benchmark recovered RMs in NMC811, MMC9½½ and LMNO cathodes versus cathodes containing primary RMs.



To develop and demonstrate a blockchain platform for Raw Materials, product, and supply chain tracking.



To build a prototype of second life battery from BATRAW sample.



To contribute to policies and standardisation by feeding the European Commission's Raw Materials Information System.



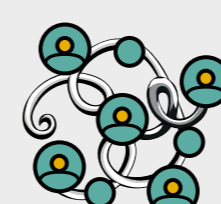
To develop and deliver eco-design guidelines on pack manufacturing supporting better repair and dismantling of large battery packs.



To fully substantiate an exploitation and business plan that takes abroad EU-wide focus, including Circular Business models.



To develop and deliver guidelines and best practices for safe handling and transport of end-of-life battery waste.



To quantify environmental impacts and benefits of BATRAW results by LCA study.