

BATRAW

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



This project has received funding from the European Union's Horizon Europe research and innovation programme under grants agreement No 101058359

www.batraw.eu

48 months



12,3 M€ total budget



17 partners



7 countries



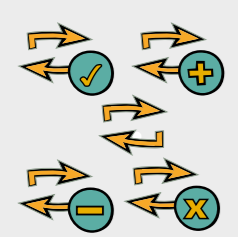
Our OBJECTIVES



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.



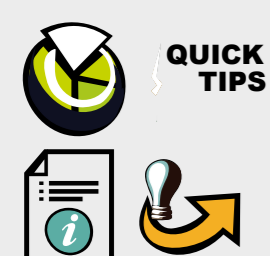
To develop and demonstrate a blockchain platform for Raw Materials, product, and supply chain tracking.



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



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



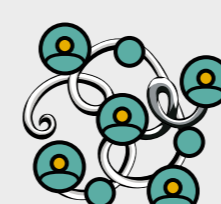
To develop and deliver eco-design guidelines on pack manufacturing supporting better repair and dismantling of large battery packs.



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