






FIVREC: sustainable Li-ion battery recycling



End-to-end battery recycling solution

Safe, efficient recovery of valuable battery materials – cutting waste and CO₂ emissions

-  Customizable, cost-effective and transparent
-  Sustainable collection and recycling of critical raw materials, with a primary emphasis on lithium-ion batteries
-  European Union
-  Worldwide
-  Pilot



FIVREC

Fivrec develops a green direct recycling process for lithium-ion batteries, enabling the recovery and reuse of active materials. Company's solution reduces waste, emissions, and raw material demand, supporting a sustainable and circular battery value chain.



HOW IT WORKS

Fivrec delivers a full-stack battery recycling solution – from collection to pCAM refinement.

Company handles safe collection, mechanical dismantling, and thermal pre-treatment, followed by hydrometallurgical recovery of critical materials. Their process enables direct regeneration of pCAM, supporting true battery-to-battery circularity.

All of this is backed by their digital client portal, which simplifies logistics, provides full traceability, and helps company continuously improve through real-time operational data.

BUSINESS

Fivrec delivers scalable, science-driven battery recycling solutions that power the circular economy and reduce reliance on virgin raw materials.

The technology is designed to cut emissions, lower costs, and maximize material recovery, while remaining adaptable to real-world operational needs.

Company actively collaborates with OEMs, recyclers, logistics providers, and public-sector players to tailor and scale their solution across Europe and beyond.

As a lean, innovation-focused company, Fivrec combines deep technical expertise with agility – making them the ideal partner for those building the future of sustainable energy system.

