

BATERURGIA

Research into advanced recycling technologies for the recovery of strategic metals from electric vehicle batteries.

PROJECT DESCRIPTION

The BATERURGIA project aims to develop advanced technologies for the recycling and recovery of end-of-life batteries, with a particular focus on the efficient recovery of critical materials such as lithium, nickel, cobalt, and manganese. The initiative seeks to establish a sustainable industrial model that closes the battery life cycle, reduces dependence on imported raw materials, and minimizes environmental impact.

The approach combines mechanical, thermal, and hydrometallurgical treatment processes for the selective extraction of valuable metals, along with digital technologies for process traceability and control. BATERURGIA is aligned with the European strategy for strategic autonomy in materials and with the principles of the circular economy and energy transition.

CONSORTIUM

Coordinator:

- SACYR CONCESIONES, S.L.

Partners:

- TUBACEX INNOVACION, S.L.
- SACYR FLUOR
- FERROGLOBE
- COLOROBBIA
- RECYCLIA
- LITTLE ENERGY
- COVELESS