

Respect

Flexible, safe and efficient **RE**cycling of Li-ion batteries **S** for a **comP**etitive, circular, and sustainable **E**uropean battery manufa**CT**uring industry



OBJECTIVES

July 2022 - June 2026

- 1** Implementing an efficient logistic solution for Li-ion batteries management and sorting
- 2** Enabling LiBs safe deactivation at the industrial scale while limiting environmental impact, raw material resources and cost
- 3** Maximum recovery and high valorisation of resources within batteries
- 4** Improved Life Cycle Assessment of each segment of the battery value chain
- 5** Using innovative separation technologies for improving active materials access
- 6** Low CO₂ footprint hydrometallurgy
- 7** Innovative and low-carbon direct recycling



PARTNERS

A?
Aalto University



cea

CEVA
LOGISTICS



cidetec
energy storage

CLEPA
European Association of Automotive Suppliers

CLERENS



Fraunhofer
ISC

KYBURZ

LOMARTOV
[Leading Innovation Engineering]

meet

Metso:Outotec

MORROW

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