

Demonstration of (critical) battery metals recovery from primary and secondary resources through a sustainable processing methodology.

To boost the green transition, the availability of critical raw materials needs to be ensured. However, the battery sector has been experiencing increasing demand for raw materials for years and is vulnerable for supply risks.

#### METALLICO will:

- **Recover** valuable materials from primary and secondary resources
- **Demonstrate** sustainable production and recovery of (critical) battery metals
- Assess end-use of the recovered (critical) battery metals
- **Identify and characterize** (critical) battery metals with innovative technologies
- **Enable** social participation, stakeholder engagement and networking



Funded by  
the European Union



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## Objective

The primary objective of METALLICO is to develop and validate sustainable and socially responsible recovery strategies for (critical) battery metals and their reuse.



## 5 Processes

METALLICO will develop and optimize five innovative processes to recover the valuable materials needed in the battery industry and in other strategic sectors: Li, Co, Cu, Mn, Ni.



## 4 Case Studies

METALLICO will demonstrate in four different case studies that the (critical) battery metals can be sustainably produced and recovered by upscaling the five METALLICO processes.

Total Project Budget: 13.033.408,00 €  
EU Contribution: 11.798.783,25 €

Coordination: IDENER R&D  
Duration: 1 Jan. 2023 – 31 Dec. 2026

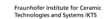


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