The RESPECT CONSORTIUM, coordinated by Orano Mining, gathers **15 partners** and **3 associated partners** from **9 countries** to develop **a sustainable, safe and efficient recycling process** that would contribute to Europe's circular economy and strategic autonomy.


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**Respect**

**FOR A COMPETITIVE, CIRCULAR AND SUSTAINABLE EUROPEAN BATTERY MANUFACTURING INDUSTRY.**


This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101069865 and contributes to the objectives of the Batt4EU Partnership under call topic ID: HORIZON-CL5-2021-D2-01-06 (Sustainable, safe and efficient recycling processes). Disclaimer: The sole responsibility for any error or omissions lies with the editor. The content does not necessarily reflect the opinion of the European Commission. The European Comission is also not responsible for any use that may be made of the information contained herein.

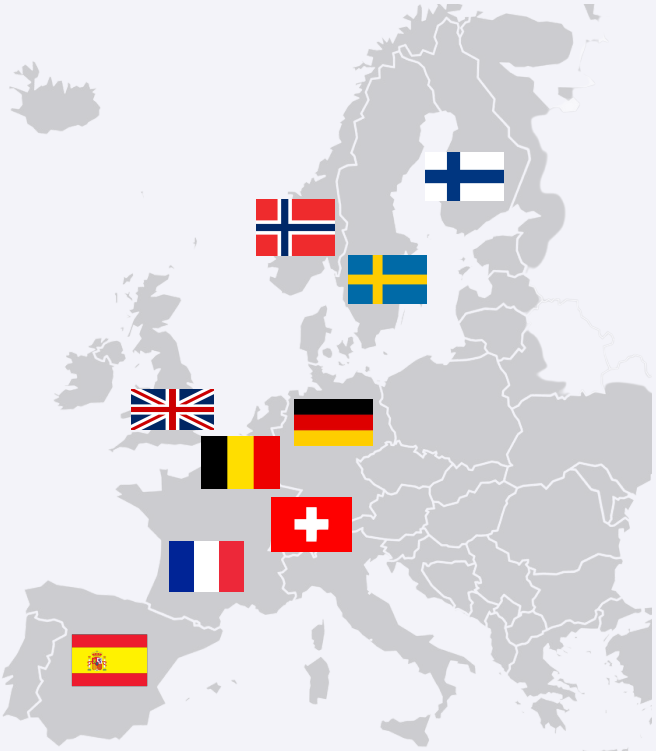
# Respect

FOR A COMPETITIVE, CIRCULAR AND SUSTAINABLE EUROPEAN BATTERY MANUFACTURING INDUSTRY.

The huge demand for LIBs and the current emergence of European Gigafactories will bring about a corresponding large number of End of Life (EoL) LIBs and increased battery scrap generation.

To decrease the EU dependence on raw and critical raw materials, like Co, Natural graphite and Li, (main components of the LIBs), it is crucial **to increase circularity and close the loop by developing sustainable, safe, flexible and cost-effective recycling processes for EoL and battery scraps with low environmental impacts, high recovery rates and standardised processes.**

Funded under EU Horizon programme, RESPECT is led by Orano Mining and includes **15 full partners** and **3 associated partners** from **9 countries.**



The vision of RESPECT project is to contribute to paving the way for increasing global competitiveness, strategic autonomy and circularity of the European battery eco-system by developing **innovative green recycling and materials recovery processes, and thus supporting the growing Li-ion battery manufacturing in Europe.**

RESPECT proposes **a logical chain of disruptive, flexible, sustainable and versatile recycling processes** that considering the safety aspects of battery opening and deactivation, and utilises hydrometallurgy or direct recycling, depending on the targeted LiBs to be treated, thereby supporting the next generation of battery materials development.