



EU-funded project RESPECT kicks off on 20 September in Paris, France

The EU-funded project “Flexible, Safe and efficient REcycling of Li-ion batterieS for a comPetitive, circular, and sustainable European battery manufaCTuring industry” (RESPECT) officially kicked off on 20th September 2022.

The RESPECT consortium partners met in Paris, France to lay the foundation for a successful 4-year path to contribute to paving the way for increasing global competitiveness, strategic autonomy and circularity of the European battery ecosystem by developing innovative green recycling and materials recovery processes, and thus supporting the growing Li-ion battery manufacturing in Europe.

The project aims to develop a global process encompassing a process-chain flexible enough to treat all kinds of Li-ion batteries (in terms of chemistries, state of health, geometries or applications), in closed loop, where the retrieved active materials could be directly reused after regeneration. It seeks to use Life Cycle Assessment to assess and optimise the impact of each segment of the battery value chain, especially in terms of lower emissions, less secondary pollutions, and health risks.

A word from the coordination team of RESPECT: *“The consortium is based on solid and interdisciplinary partners covering the whole European Li-ion batteries value chain. The partners are fully committed to develop a sustainable, safe and efficient recycling process which would contribute to the circular economy and strategic autonomy of Europe.”*



RESPECT project is coordinated by ORANO MINING (France) and includes also Commissariat à l'énergie atomique et aux énergies alternatives (CEA) (France), AALTO University (Finland), Chalmers Tekniska Högskola AB (Sweden), Cidetec Energy Storage (Spain), MEET Battery Research Center - University of Muenster (Germany), Morrow Batteries AS (Norway), Vianode AS (Norway), Metso Outotec (Finland), LOMARTOV SL (Spain), Fraunhofer Gesellschaft zur Foerderung der Angewandten Forschung E.V. (Germany), CLEPA (Belgium), I.C. BELGIUM SCRL (Belgium), COUP'INDUS (France), CEVA LOGISTICS (France), Kyburz Switzerland AG (Switzerland), Addible Ltd. (U.K.), and Johnson Matthey PLC (U.K.).



This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101069865. The output reflects the views only of the author(s), and the European Commission cannot be held responsible for any use which may be made of the information contained therein.



The RESPECT project has received funding from the European Union's Horizon Europe research and innovation programme: 8.906.936,00€. It includes 15 entities from EU Member States, two entities from Norway, an associated country and also funded by the EU and three entities from countries not associated to Horizon Europe comprising one from Switzerland funded by the Swiss Confederation (State Secretariat for Education, Research and Innovation, SERI) with an amount of 1 million CHF and two from the UK, that have also received funding from national funding authorities.

The project consortium is glad to be part of this collaboration and is working hard to achieve the first project results!

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