SAFELOOP

Funded by
the European Union

In our mobile and fast-paced society, the demand for energy storage solutions has never been more critical. As we strive to build a sustainable future relying on renewable energy sources, the need for efficient and reliable energy storage becomes paramount.

This is where a new research project, **SAFELOOP**, aims to make big strides contributing to EU's ambition making Europe the first climate-neutral continent by 2050.

SAFELOOP stands for *Securely Advancing Future EVs with Li-IOn batteries through Optimized Pathways*. Project's primary goal is to elevate the safety, sustainability, and performance of European Gigafactory scale Li-Ion Battery cells, aligning with the EUCAR Hazard Level 3 standards for mobility applications. Beyond enhancing EU battery safety, the project seeks to develop the world's first Electris Vehicles-rated Li-Ion Battery using up to 25% recycled and fully rejuvenated battery-active materials.

SAFELOOP project officially started with the kick-off meeting in Oulu, Finland on 3 and 4 June 2024. This was the first meeting for the 15 partners that make up the consortium of the project, and an opportunity to set a strong foundation for the project for the 36 months of collaboration to come.

SAFELOOP is funded by the Horizon Europe - European Union's flagship research and innovation funding program, with a budget close to 100 billion €. Our project secured 5 million € of funding by the European Commission.

SAFELOOP is also a proud contributor to BATT4EU partnership. Among others, through its activities BATT4EU aims to widespread adoption of e-mobility and stationary electrical energy storage. SAFELOOP will particularly support Batt4EU's specific objective on Support the development of differentiating technologies in battery materials, cell design and manufacturing and battery recycling.

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