

Cooperating w/ industry and academia early on gives orientation and supports effective product development

SAFELiMOVE a European / Canadian Consortium for the Development of a Solid State Battery

The main aim of SAFELiMOVE is to meet the requirements of future EV users like faster charging and longer battery life. This will make possible to promote electromobility and will also have a direct impact on climate change scenarios. To facilitate this, SAFELiMOVE will develop a new solid-state-based technology to produce a safer, more reliable and high performing battery

SAFELiMOVE delivers innovations in five main technology areas:

- 1) nickel-rich layered oxide cathode materials
- 2) high specific capacity Li-metal anode materials
- 3) advanced hybrid ceramic-polymer electrolyte with improved ion conductivity at room temperature
- 4) interface adoption for effective Li transport by surface modification and/or over-coatings
- 5) knowhow creation for the development of scale up production of all-solid-state batteries

<https://safelimove.eu/>



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SAFE MOVE

advanced all Solid stAte saFE Lthium Metal
technology tOwards Vehicle Electrification

