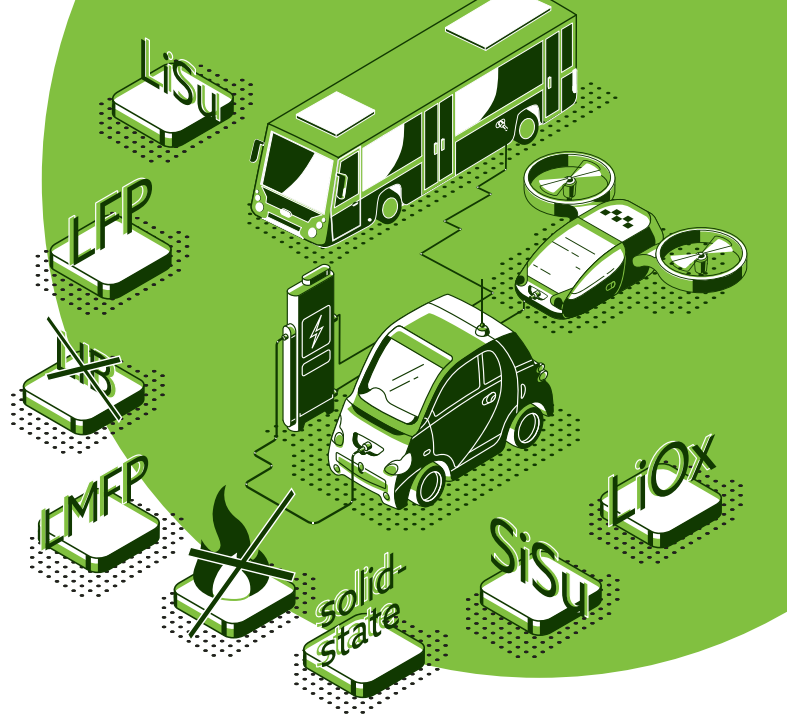


AZL Joint Partner Project

# Emerging Battery Storage Technologies

Insights into emerging battery storage technologies and their impact on design factors for battery casings

**AZL** Aachen GmbH



Excellence in Lightweight Production

## Do you know ...

- ... that the global battery market is set to grow by 34% annually until 2030? In the race for market share, new players are catching up.
- ... that battery technologies, like solid-state not only have the potential of surpassing energy density compared to conventional LIBs, but also offer increased safety?
- ... what are the material and design options for battery housings for cells with non-thermal propagation cell technologies?

## What you will get?

Expert assessment and evaluation of future battery technologies and their impact on requirements for material and design of battery casings.

- **WP1:** Screening of future battery technologies and trends with high market potential.
- **WP2:** Impact analysis on future battery housing requirements, materials and design layouts.
- **WP3:** Creation of design layouts and analysis of material variants.
- **WP4:** Business case scenarios for future design- and manufacturing concepts.

## Open to join

**Kick-off: September 11<sup>th</sup>, 2024**

**Duration: approx. 10 month**



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