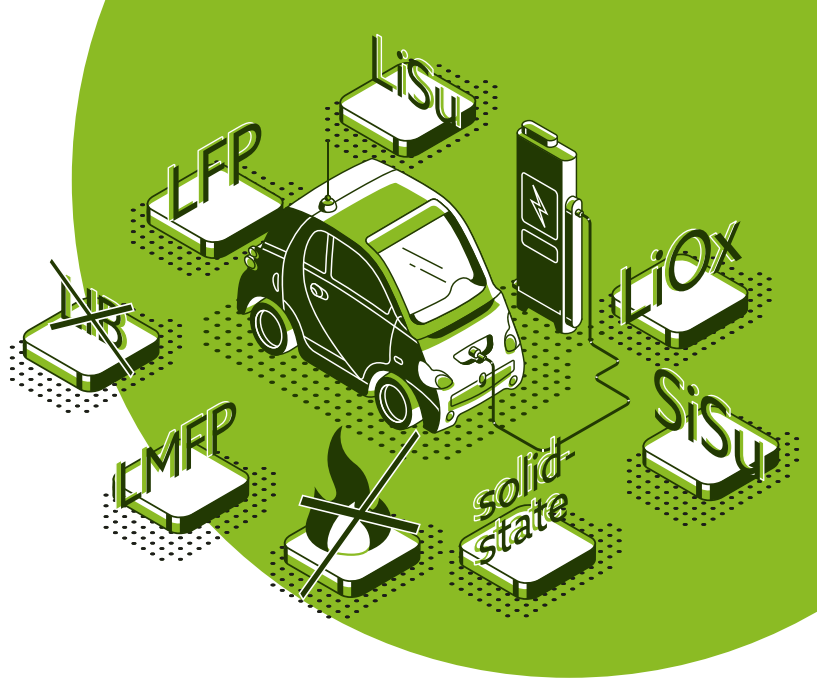


AZL Joint Partner Project

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 promising impact on the market.
- **WP2:** Analysis of the impact on future battery housing requirements and their effect on new materials and design layouts in comparison with the state of the art.
- **WP3:** Creation of design layouts.
- **WP4:** Business case scenarios for future design- and manufacturing concepts.

Open to join

Kick-off: July 3rd, 2024

Duration: approx. 10 month



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