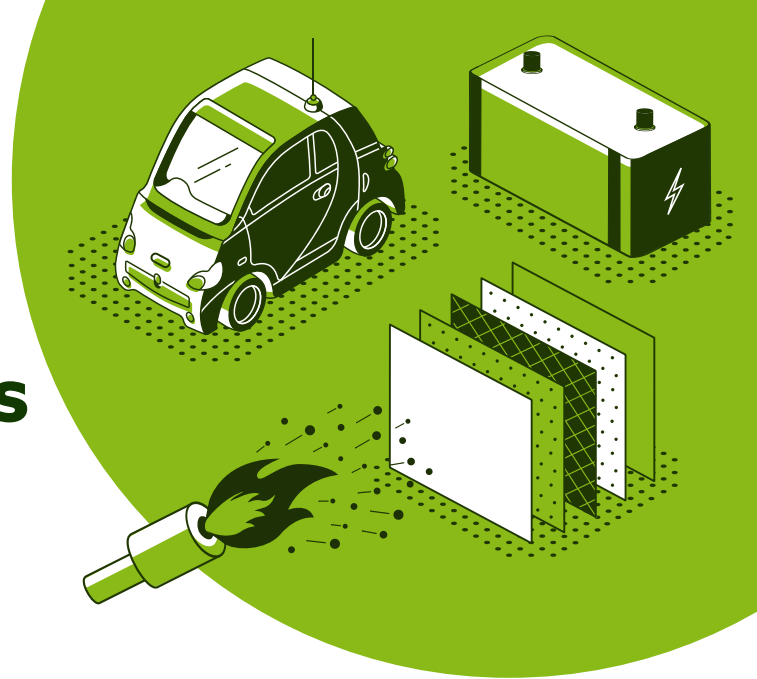


AZL Joint Partner Project

Benchmarking Fire Protection Concepts for Battery Enclosures

From Today's Production Vehicles
to Tomorrow's Thermal Runaway Solutions



Excellence in Lightweight Production

Obtain a comprehensive benchmark and deep insight into current and next-generation fire protection concepts for EV battery enclosures through independent benchmarking under realistic thermal runaway conditions.

What will you get?

The project delivers a unique benchmark database of battery enclosure materials from production EVs and future R&D concepts, validated performance comparisons, cost-performance assessments, manufacturing feasibility evaluations and practical design guidelines to support future battery enclosure development. **WP1: Market & Technology Landscape** - Identification of on all aspects related to performance and production of TP pressure vessels

- **WP1: State-of-the-Art and Future Material Selection**
- **WP2: Definition of Test Profiles and Preparation**
- **WP3: Experimental Fire Protection Benchmarking**
- **WP4: Performance, Cost & Manufacturing Assessment**

Follow-Up to this Consortium



Open to join

Kick-off: Q3 of 2026

Duration: approx. 9 months



Managing Director
Philipp Fröhlig
+49 241 475 735 – 14
philipp.froehlig@
azl-aachen-gmbh.de



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more info: