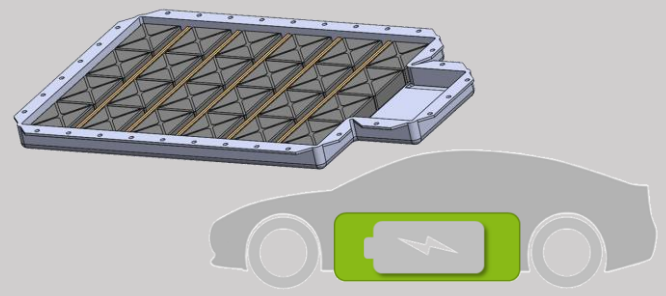


Concept Study & Development of a multi-material Battery Casing

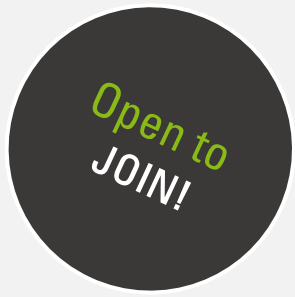


The Objective:

The project aims to give an overview about existing solutions, applications, supply chains and their players as well as market potential. The advantages of a multi-material approach are evaluated. In the end an exemplary multi-material battery casing will be developed and a production concept will be derived. After this project a follow-up project will address the realization of this developed concept by manufacture of the multi-material battery housing which will be used as a demonstrator product in the future.

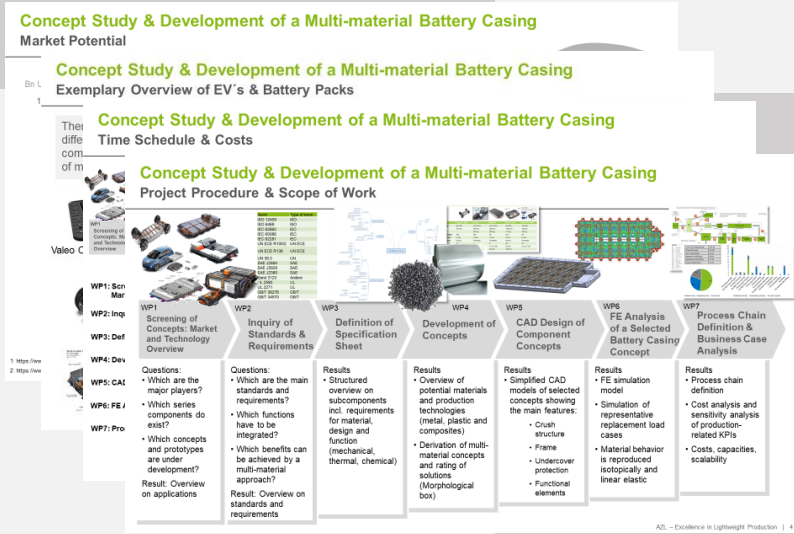
Your Benefits:

- Comprehensive overview of existing solutions
- Specification sheet of battery casing demonstrator
- Development and evaluation of multi-material approach
- Derivation of construction and production concepts
- Cost sharing while having full results
- Networking across a common subject



Our Content:

- Screening of concepts: market and technology overview
- Inquiry of Standards and Requirements
- Definition of specification sheet
- Development of concepts
- CAD design of component concepts
- FE analysis of a selected battery casing concept
- Process chain definition & business case analysis



Participation fee AZL Partner Companies (company size)	
< 50 employees	7,500.00 €
< 500 employees	10,000.00 €
> 500 employees	12,500.00 €

Participation fee external companies: 18,000.00 €

Project start: October 22nd, 2020
Duration: 8 months

Please contact for information and individual offer:

Alexander Knauff | Manager Industrial Services
Tel: +49 241 475735 16
Mail: alexander.knauff@azl-aachen-gmbh.de