

## AZL Workgroup

# FUTURE MOBILITY

- ✓ Trends and developments of markets and applications
- ✓ Speakers on possible solutions with insights of challenges
- ✓ Highlight of potential for composite-based multi-material solutions

Tomorrows mobility in its various options (e.g. EV, UAM, e-bikes) and different applications (e.g. battery casings, hydrogen tanks) will be covered. Whether thermoset, thermoplastic or multi-material composite solutions, upcoming challenges and requirements shall be addressed and discussed in the meetings.

» **Kick-Off Meeting | April 10<sup>th</sup>, 2024**

**NEW**

# Future Mobility



## Register for On-Site Meeting



Agenda | 1<sup>st</sup> AZL Workgroup Meeting | April 10<sup>th</sup>, 2024

**11:00** **Welcome and Introduction**

Dr. Kai Fischer | *AZL Aachen GmbH*

**11:15** **Innovative and Sustainable Composite Solutions Meet Future Mobility**

Dr.-Ing. Viktor Reimer | *ACTC – HRC Group*

**11:45** **Composite Electric Bus Design**

Edwin van Herpt | *Ebusco*

**12:15** **Impuls Pitches from Solution Providers**

e.g. FITS Technology, AuE Kassel GmbH

**12:45** **Networking Lunch**

**14:00** **Composite Opportunities for Electric and Hydrogen Powered Transport**

Warden Schijve | *AZL Aachen GmbH*

**14:30** **Drivers for new vehicle concepts in the shuttle and passenger car sector**

Claus Bertram Bonertz | *Institute for Automotive Engineering (ika)*

**15:00** **Coffee Break**

**15:30** **Propeller for eVTOL**

Rico Hubert | *University of Applied Science FH Aachen*

**16:00** **Summary, End of Meeting, Additional Networking**

**17:00** **Warm Up for AZL Open Day 2024: Networking Drinks + Get-Together @ Boulevard 30**

### What to expect for the Future Mobility workgroup:

- Trends and developments of markets and applications
- Speakers on possible solutions with insights of challenges
- Highlight of potential for composite-based multi-material solutions

### Scope of this Meeting

- Trends & drivers for new vehicle generations
- Composites in future mobility
- Energy transition in next generation vehicles

# We Are Looking Forward to Technology and Market Insights From:



## Innovative and Sustainable Composite Solutions Meet Future Mobility

Dr.-Ing. Viktor Reimer | ACTC – HRC Group

Connect:



## Drivers for new vehicle concepts in the shuttle and passenger car sector

Claus Bertram Bonertz | Institute for Automotiv

Connect:



## Composite Electric Bus Design

Edwin van Herpt | Ebusco

Connect:



Martin De Groot | FITS Technology

Connect:



## Composite Opportunities for Electric and Hydrogen Powered Transport

Warden Schijve | AZL Aachen GmbH

Connect:



Dietmar Böttner | AuE Kassel GmbH

Connect:



## Propeller for eVTOL

Rico Hubert | University of Applied Science FH Aachen

