

# BUILD YOUR FUTURE

## MASTER THESIS AT FEV CONSULTING

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Any Questions?

We will be glad to answer them.

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### FEV Consulting – Best of Two Worlds

FEV Consulting provides unique, client-oriented advisory services through the combination of years of experience in top management consulting and the technical expertise of the FEV Group. Our deep knowledge, of the automotive and aviation industries in particular, enables us to find innovative solutions for the complex challenges faced by our clients.

### Become part of our team!

We are looking for a Master student (m/f/d) for the topic:

### Material Trends in the Automotive Industry

The change in the Automotive Industry towards electrified powertrains and functionalities as well as the endeavor towards higher sustainability also effect the material selection in passenger cars. High-performance plastics, ceramics or fiber-reinforced polymers show benefits over aluminum or steel in some application areas. However, they also have disadvantages in other areas. In this thesis, material trends shall be identified and assessed with regards to their applicability (e.g. use cases, material behavior, production processes, development trends). Final target of the investigations is to develop material roadmaps for different application areas in the vehicle.

### Your profile

- Above average academic achievements
- Excellent analytical and communication skills
- High motivation, commitment and engagement
- Professional Excel and PowerPoint skills
- Study of Industrial, Mechanical or Chemical Engineering or a related field of study

### We offer

Design the mobility of tomorrow together with our customers. We offer you an exciting working environment, direct customer contact, an extensive network of expertise, intensive support and personal further development supported by your personal mentor.