

# Alfred Kiess GmbH

## Lift extension

### About this organisation

#### Machine translation

This organisation has been machine-translated based on data provided in German.

Kiess Innenausbau is an experienced specialist in the individual and high-quality finishing of commercial properties, private residences, yachts, lifts and in the production of exclusive special objects.

Alfred Kiess GmbH turns design concepts for lifts into reality and individualises the cabins with exquisite craftsmanship. Using high-quality materials and the most sophisticated techniques, it is possible to create designs ranging from a classic, luxurious look with inlays and veneer work to a modern, sleek style with high-gloss surfaces, leather and metal elements - even in series if desired. The aim of participating in the SuMatHrA research project is to develop a demonstrator structure for the "lift" application area. In detail, a lift cabin based on the developed wood-hybrid material will be designed and manufactured for demonstration purposes.

Heigelinstraße 5  
70567 Stuttgart  
Baden-Württemberg  
Germany  
[www.alfred-kiess.de](http://www.alfred-kiess.de)

**KIESS**  
INNENAUSBAU

#### Organisation type

Small or medium-sized enterprise

#### Sector



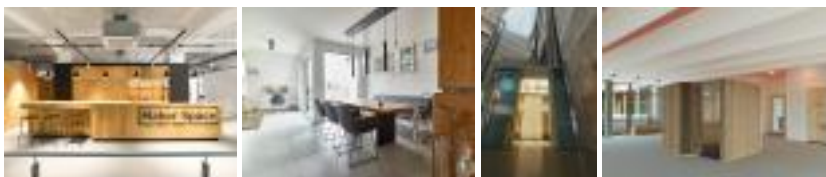
#### Employees

10 up to 49

#### Turnover

€2m - €10m

#### Funding



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*Lift extension*

**About this organisation**

|                           |                                    |
|---------------------------|------------------------------------|
| <b>Main areas covered</b> | Removal of lift cars               |
| <b>Infrastructure</b>     | Workshop with press, 5-axis CNC    |
| <b>Certifications</b>     | FSC                                |
| <b>Keywords</b>           | SuMatHrA, Lift, Interior fittings  |
| <b>Memberships</b>        | Climate Alliance Baden-Württemberg |

**Overview of lightweighting expertise**

**Machine translation**

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|                                                                          | Research | Development | Manufacturing<br>& Supply |
|--------------------------------------------------------------------------|----------|-------------|---------------------------|
| <b>Offer</b>                                                             |          |             |                           |
| <b>Products</b><br>Parts and components, Systems and end products        | ✓        | ✓           | ✓                         |
| <b>Services &amp; consulting</b><br>Engineering, Prototyping, Simulation | ✓        |             |                           |

## Overview of lightweighting expertise

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|                                                                                  | Research | Development | Manufacturing<br>& Supply |
|----------------------------------------------------------------------------------|----------|-------------|---------------------------|
| <b>Field of technology</b>                                                       |          |             |                           |
| <b>Design &amp; layout</b><br>Hybrid structures                                  | ✓        |             |                           |
| <i>Functional integration</i>                                                    |          |             |                           |
| <b>Measuring and testing technology</b><br>Component and part analysis           | ✓        |             |                           |
| <b>Modelling and simulation</b><br>Crash behaviour, Loads & stress               | ✓        |             |                           |
| <i>Plant construction &amp; automation</i>                                       |          |             |                           |
| <i>Recycling technologies</i>                                                    |          |             |                           |
| <b>Manufacturing process</b>                                                     |          |             |                           |
| <i>Additive manufacturing</i>                                                    |          |             |                           |
| <b>Coating (surface engineering)</b><br>Painting                                 | ✓        | ✓           | ✓                         |
| <i>Fibre composite technology</i>                                                |          |             |                           |
| <b>Forming</b><br>Bending, Compression moulding                                  | ✓        |             |                           |
| <b>Joining</b><br>Adhesive bonding, Screwing                                     | ✓        | ✓           | ✓                         |
| <b>Material property alteration</b><br>Mechanical treatment                      | ✓        |             |                           |
| <i>Primary forming</i>                                                           |          |             |                           |
| <b>Processing and separating</b><br>Drilling, Milling, Sawing, Grinding, Cutting | ✓        | ✓           | ✓                         |
| <i>Textile technology</i>                                                        |          |             |                           |

Overview of lightweighting expertise

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|                                     | Research | Development | Manufacturing<br>& Supply |
|-------------------------------------|----------|-------------|---------------------------|
| <b>Material</b>                     |          |             |                           |
| <b>Biogenic materials</b>           |          |             |                           |
| Wood                                | ✓        | ✓           | ✓                         |
| Cellular materials (foam materials) |          |             |                           |
| <b>Composites</b>                   |          |             |                           |
| Laminates                           | ✓        |             |                           |
| Fibres                              |          |             |                           |
| Functional materials                |          |             |                           |
| <b>Metals</b>                       |          |             |                           |
| Aluminium, Steel                    | ✓        |             |                           |
| Plastics                            |          |             |                           |
| Structural ceramics                 |          |             |                           |
| (Technical) textiles                |          |             |                           |

Contacts

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## *Lift extension*

### Contacts

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*Senior project manager lift extension*

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