

Implenia Construction GmbH

Implenia Construction GmbH, Civil Engineering Division - Civil Engineering Germany

About this organisation

Machine translation

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

As a leading Swiss construction and real estate services provider, Implenia develops, realises and manages living spaces, working environments and infrastructure for future generations in Switzerland and Germany. Implenia also offers tunnelling and related infrastructure projects in Switzerland, Germany, Austria, France, Sweden, Norway and Italy.

The sustainable carbon concrete and UHPC system solutions save resources, shorten construction times and protect the environment. At the same time, they minimise life cycle costs.

Landsberger Str. 290a
80687 München
Bavaria
Germany
www.implenia.com



Organisation type

Large enterprises

Sector



Employees

500 and more

Turnover

More than €50m

Funding

n/a



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About this organisation

| | |
|---------------------------|---|
| Main areas covered | Construction and property services |
| Infrastructure | Permanent bast testing centre |
| Certifications | ISO 9001 |
| Keywords | Construction and real estate, Carbon concrete, UHFB |
| Memberships | C3 e.V. |

Overview of lightweighting expertise

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| | Research | Development | Manufacturing & Supply |
|--|----------|-------------|------------------------|
| Offer | | | |
| Products Parts and components, Systems and end products | ✓ | ✓ | ✓ |
| Services & consulting Training, Consulting, Testing and trials, Funding, Engineering, Validation | ✓ | ✓ | ✓ |

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Overview of lightweighting expertise

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| | Research | Development | Manufacturing & Supply |
|--|----------|-------------|---------------------------|
| Field of technology | | | |
| Design & layout Lightweight design, Hybrid structures, Lightweight construction concepts | ✓ | ✓ | ✓ |
| <i>Functional integration</i> | | | |
| Measuring and testing technology Component and part analysis, Materials analysis, Destructive analysis, Non-destructive analysis | ✓ | ✓ | ✓ |
| Modelling and simulation Loads & stress, Life-cycle analysis, Optimisation, Materials | ✓ | ✓ | ✓ |
| <i>Plant construction & automation</i> | | | |
| Recycling technologies Material separation, Recycling, Upcycling | ✓ | ✓ | |

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| Manufacturing process | | | |
| <i>Additive manufacturing</i> | | | |
| <i>Coating (surface engineering)</i> | | | |
| Fibre composite technology Fibre spraying, Casting (concrete), Manual lamination, Resin infusion process, Resin transfer moulding, Spraying (concrete) | ✓ | ✓ | ✓ |
| <i>Forming</i> | | | |
| <i>Joining</i> | | | |
| <i>Material property alteration</i> | | | |
| <i>Primary forming</i> | | | |
| <i>Processing and separating</i> | | | |
| <i>Textile technology</i> | | | |

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| Material | | | |
| <i>Biogenic materials</i> | | | |
| <i>Cellular materials (foam materials)</i> | | | |
| Composites Carbon-fiber reinforced plastics (CFRP), Short fibre-reinforced concrete, Textile-reinforced concrete | | ✓ | |
| Fibres Carbon fibres | ✓ | ✓ | ✓ |
| <i>Functional materials</i> | | | |
| <i>Metals</i> | | | |
| <i>Plastics</i> | | | |
| <i>Structural ceramics</i> | | | |
| (Technical) textiles Laid webs, Woven fabrics | ✓ | ✓ | |

Contacts

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Contacts

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