

About this organisation

Technikum Laubholz is an independent non-university research institute. We develop innovative high-quality applications for hardwood. Our points of differentiation are innovation, sustainability, customization and a focus on greatest possible added value.

Interdisciplinary teams work in eight fields of research. Initially, Technikum Laubholz will focus on Fiber-based Materials, Biotec Conversion, Wood Pulping Process, and Packaging Materials. The fields Timber | Paper | Panels, Lightweight Construction, Smart Manufacturing and Energy Storage will be launched at a later date.

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Organisation type

Non-university research institution

Sector



Others: - Faserbasierte
Biopolymerwerkstoffe -
Biotechnologische Konversion
- Holzaufschlussverfahren -
Verpackungsmaterialien

Employees

50 up to 249

Turnover

n/a

Funding

Main areas covered

Composites, Automotive, Aircraft construction, Buildings

Infrastructure

Certifications

Keywords

Wood, Organic, Packaging, Fibre, Textile

Memberships

AFBW, DECHEMA

Overview of lightweighting expertise

	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
<i>Services & consulting</i>			
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
Measuring and testing technology Materials analysis, Destructive analysis, Non-destructive analysis	✓	✓	✓
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
Fibre composite technology Others	✓	✓	✓
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
Textile technology Fibre manufacturing, Yarn & roving production, Textile surface treatment and finishing	✓	✓	✓

Overview of lightweighting expertise			
	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Carbon-fiber reinforced plastics (CFRP), Others	✓	✓	✓
Fibres			
Carbon fibres, Others	✓	✓	✓
Functional materials			
Metals			
Plastics			
Structural ceramics			
(Technical) textiles			
Yarns, rovings	✓	✓	✓

Contacts
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