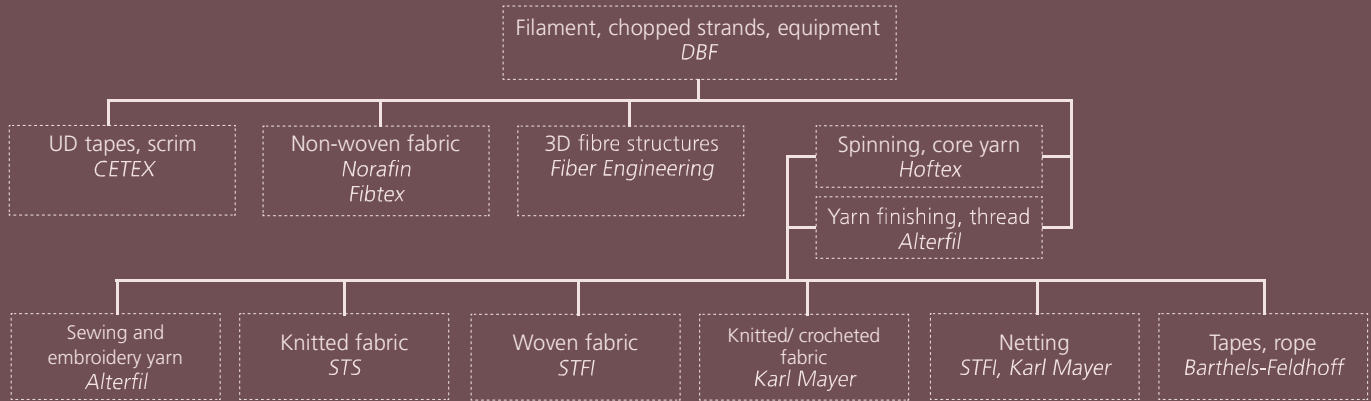


# COMPETENCE MATRIX

## YARN AND FABRIC PRODUCTION



## FINISHING, COATING

Finishing, functionalisation Thorey	Coating, lamination VIS	Additives and auxiliary products for fabrics Lefatex Chemie GmbH	Surface functionalisation Innovent	Bonding AB-Tec
--	----------------------------	---	---------------------------------------	-------------------

## SERVICE

Research, testing, certification, surface formation, equipment STFI	Research, technology, engineering CETEX	Analysis Project management with Forum TuW e.V.	Research, analysis, surface treatment, functionalisation Innovent	Research, development, lightweight structures TU Chemnitz	Development, construction, engineering services EBF Dresden	Research, analysis, ceramic materials KI Keramikinstitut
--	--	--	--	--	--	---

## TEXTILE APPLICATIONS

Geotextiles, textiles for the construction industry IGG	Filtration IGG, Norafin	Geomats, filters, non-woven liners Norafin	Textile products for marine applications Beka Mare Solutions	High-temperature applications Norafin, Fibtex	Automotive BMW
Textile Architecture	Abrasion-resistant conveyor belts VIS				Soundproofing IGG, Fibtex

## APPLICATION FIELD: COMPOSITE MATERIALS

Woven preregs Barthels-Feldhoff	Facade elements FIBER TECH	Ceramic composite components KI KERAMIKINSTITUT	Tubes, pressure tanks, power systems, plant engineering Roth Industries	Fibre composite products for marine applications Beka Mare Solutions	Prefabricated buildings, building, construction materials Zapf
Automotive BMW	Profiles, plates, rods, preregs CG Tec	Asphalt reinforcement, geotextiles Tensar			Plant technology, fibre injection technology Fiber Engineering

**COMPETENCE MATRIX OF THE NETWORK:** The diagramme illustrates how companies and research institutions have pooled their diverse skills and resources by collaborating in the network. The entire multi-faceted value chain from filament production to recycling is represented here, facilitating a variety of applications and solutions.