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Regional RTI Strategy

- Key regional priorities and appropriate actions
- Smart Textiles
- Energy, -efficiency
- Man and Technology
- Intelligent Production

Examples of Smart Specialisation

FFG - BRIDGE Project TEXON 2013 - 2016

Textile reinforced concrete

3D-curved embroidered
textile structures as
reinforcement for concrete

- construction industry
- thinner parts
- lower weight
- no steel corrosion



Examples of Smart Specialisation

Combination of specific expertise:

Embroidery technique

Textile chemistry

Composite technology

Construction

Concrete technology

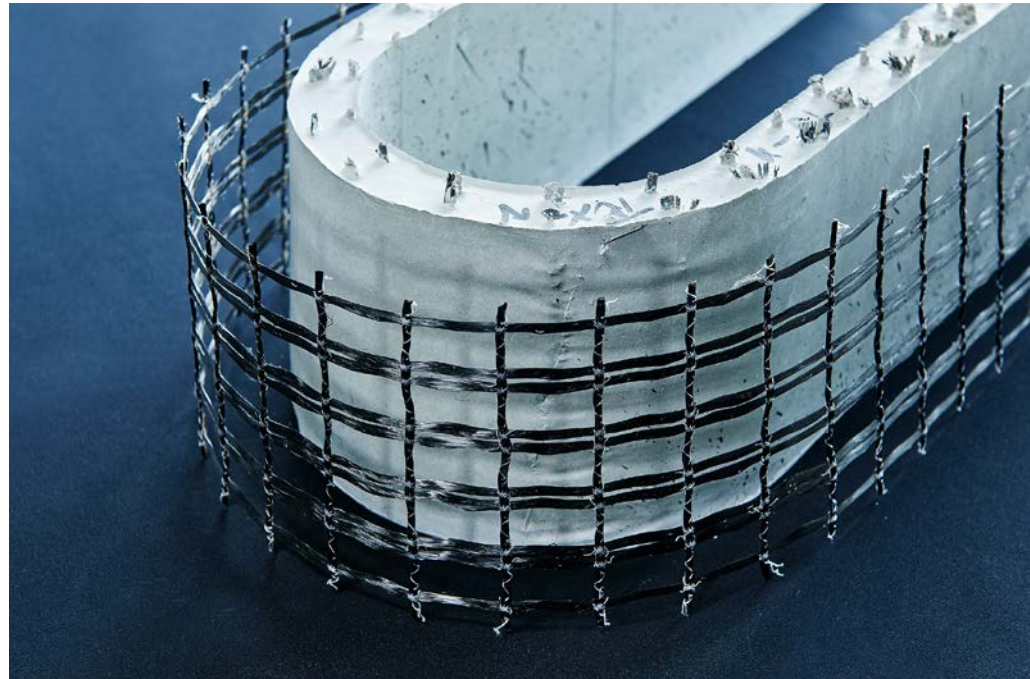
Partners:

Smart textiles platform

Embroidery industry

Univ. Innsbruck

Construction industry



Examples of Smart Specialisation

- Illwerke VKW Professorship for Energy Efficiency (Dynamics of Energy Systems, Thermic Systems, Multiscaling)
- Materials Research (Micro-Structured Materials for energy system applications, Optical lithography, Laserablation, Material Analytics)
- UCT Research (Smart Room Development, User Interface Design, 3D computer Animation)
- Intelligent Production (Showcase factory for autonomous and optimized production processes)