Mag. Gabriela Dür  
Dept. of Science and Further Education  
State Government of Vorarlberg  
gabriela.duer@vorarlberg.at

Dipl.-Bw. Harald Moosbrugger  
Dept. of Economic Affairs  
State Government of Vorarlberg  
harald.moosbrugger@vorarlberg.at
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)