The Utope project
The Utope project is about the realization of a textile utopia: The outside of clothing becomes a display. This makes it possible to individually modify its surface like a chameleon or to use it as a computer screen.
The Austrian designer Wolfgang Langeder is working with Fraunhofer IZM and its spin-off Stretchable Circuits since January 2010 on the development of such an innovative textile-integrated display. The aim of their further cooperation is a product line for men in smart urban wear which will be launched in 2012.

The first result of the collaboration is "Cyber Nomade Suit", a smart business suit. The integrated display responds to a mobile phone that is inserted in the interior of the jacket and displays a call / an SMS to the surface.
The Utope project is a laboratory for fashion, which combines smart design and innovative technologies and turns them into something entirely new and forward-looking for clothes and fashion.

The project is sponsored by:

Interactive stage and event outfits
The German company Novanex is specialized in integrating wearable technologies into textile products. In a collaboration with Fraunhofer IZM and Stretchable Circuits an interactive system toolbox has been developed for a stage and event outfits. The costumers can choose between individually programmed light effects based on the integrated sensors as well as customized and CI orientated fashion design.

Interactive dress by Novanex and Fraunhofer IZM

Internal project