



# Design Engineering

## Sustainable and Holistic

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- Sustainable design with knowledge management
- Best practice models in all design disciplines
- For design experts, students, instructors, managers and ministers of education
- An appeal for European sustainable creative culture and greater “togetherness”

The book describes the potential of both design objects and concepts, as well as design as a process, with a strong focus on the process of design engineering in the past, present and future. The book makes a stance by referring to historic and current design parameters in industry in relation to certain training methods. It compares these within Europe, explicitly the approach taken by Germany, Great Britain, and Scandinavia – and highlights best practice examples. The range of design disciplines, especially an in-depth look at classic product and textile design, leads to new “blueprint” possibilities and interactive design methods.

As industrial designer and master tailor, **Marina-Elena Wachs** has been a professor for design theory at Hochschule Niederrhein since 2010 and graduated 2007 from Braunschweig University of Art with work on the topic “Material mind – new materials in design, art and architecture”. Since 2008 she has been cooperating with European universities.