

Eurasmus Mundus Joint Doctorate Program "Sustainable Management and Design for Textiles"

Project acronym: SMDTex

The SMDTex joint doctorate programme aims at training PhD students from Europe and other parts of the world by carrying out international research cooperation on sustainable development oriented textile management and textile design. The research activities of this project will enable to optimise the existing production organisation of textile enterprises, the worldwide textile/clothing supply chain, the transaction and design of textile products, with respect to the criteria of environment, society and human factors. New organisational solutions will be proposed to the related textile/clothing companies.

Each PhD student will study at two European universities and one Chinese university for 4 years on one of the following research themes:

- Risk/safety and resilience in the textile value chain
- New organisation models for sustainable textile processes and supply chain
- Sustainability policies and sustainable consumption around the textile supply chain
- Sustainable and innovative design processes and materials
- Sustainable quality inspection and management in the textile supply chain
- Personalised and virtual reality-assisted textile design

In the frame of this project, Politecnico di Torino shall reserve **2 positions for the PhD program in Chemical Engineering.**