Innovating for Sustainability in European Textiles and Clothing

Materials, Resource Efficiency, Digitalisation and New Business Models

Brussels, 28 October 2015

Where: Husa President Park Hotel

When: 10:00 – 19:00

Detailed Conference Programme

Textile and fashion products made in Europe are renowned for their creativity, innovation, quality and increasingly the environmental and social responsibility with which they are produced.
Constant improvement in materials, production processes and supply chain management can further optimise the sustainability performance of the European textile and clothing industry.
However to achieve real step-changes in **material circularity**, **resource-efficient manufacturing** and **smart on-demand business operations**, radically new concepts, technologies and business models are required.

Join the "**Innovating for Sustainability in European Textiles and Clothing**" Conference to
- *Listen to European thought leaders on textile sustainability of the 21st century*
- *Discover industry innovators and technology disruptors working already today on the sustainability solutions of tomorrow*
- *Learn about tools and solutions that EU initiatives bring to the industry across Europe*
- *Understand how digitisation and material circularity can enable entirely new market approaches and business models*

Representatives from the entire European fibres, textile and clothing value chain, from research and technology organisations, industry federations, consulting and service companies as well as policy makers and the media are expected for the event.

The event will be followed by EU research and innovation funding seminar and project brokerage event on 29 October at the same venue.

Organised by

European Technology Platform *for the future of* textiles *and* clothing

www.textile-platform.eu

The event supports dissemination of the following EU-funded projects

SAVE ENERGY IN TEXTILE SMEs   RESYNTEX   ECWRTI TOTAL WATER RECYCLING IN TEXTILE INDUSTRY   dyes4ever   adnatur

Detailed Programme

09h30 - 10h00 – Registration and welcome coffee

10h00 - 11h30 – Opening Session
- Opening message by Paolo Canonico, President of the Textile ETP (session chair)
- IKEA's Textile Sustainability Strategy & the Role of the Consumer - Clara Guasch, IKEA of Sweden, SE
- Cradle2Cradle applied to Textiles and Clothing – Reinhard Backhausen, EPEA Switzerland
- Towards greater energy efficiency in manufacturing – Vida Rozite, International Energy Agency, FR
- Innovation with GREENPEACE DETOX – challenges and opportunities for European textile manufacturers, Anton Schumann, Gherzi Group, DE

11h30 - 11h50 – Coffee Break

11h50 - 13h00 – Parallel Strand 1 – Material Sustainability – Material Circularity

Session chair, Gerrit Bouwhuis, Saxion University of Applied Sciences, NL
- The situation of post-consumer textile recycling in Europe and new technologies developed in the Resyntex project, Pailak Mzikian, SOEX Group, DE
- Automated sorting of textile waste – a key bottleneck being solved? Anton Luiken, Texperium, NL
- Cellulosic fibre recycling pilot demonstration case and further developments by the Trash2Cash project, Alin Harlin, VTT, FI

11h50 - 13h00 – Parallel Strand 2 – Resource-efficient textile production – Water efficiency

Session chair, Vincent Nierstrasz, University of Boras, SE
- Water Saving Processes for Textile Production, Nicola Marini, Olimpias Group (Benetton), HR
- Innovative approaches to textile wastewater recycling through Electrocoagualtion – the ECWRTI project, Andreas ten Cate, ISPT, NL
- Industrial wastewater treatments and textile dye recovery – the ADNATUR & DYES4EVER projects, Rosa Lopez, AITEX, ES

11h50 - 13h00 – Parallel Strand 3 – Digitisation and local Made-to-Measure driving Sustainability

Session chair, Alexandra de Raeve, University College Ghent
- Digitisation as made-to-measure and local manufacturing enabler - TFE7 intro, Michel Byvoet, Bivolino.com, BE
- Digital printing and local confection for customized textile products, Tommi Helminen, Printscorpio Oy, FI
- Shaping business models towards individualisation and digitalisation, Meike Tilebein, DITF-MR, DE
- How to make mass customisation profitable integrating new technologies, Daniel Rüben, Gateway 3D, DE

13h00 - 14h15 – Networking Lunch

14h15 - 15h45 – Parallel Strand 1 – Material Sustainability – Natural and bio-based fibre applications

Session chair, Jan Marek, Inotex, CZ

- Production and new industrial application trends of European natural fibres, Malgorzata Zimniewska, Institute of Natural Fibres and Medicinal Plants, PL
- New application opportunities for European flax and hemp, Ray Harwood, Copernicus Textile Solutions, UK
- The potential of flax and hemp fibres in technical textiles and composites, Aart W. van Vuure, KU Leuven, BE
- Innovative Textile Applications for bio-polymer fibres, Guy Verrue, Beaulieu International Group, BE

14h15 - 15h45 – Parallel Strand 2 – Resource-efficient textile production – Energy efficiency

- The Energy-made to measure campaign – Mauro Scalia, Euratex (session chair)
- Short speeches on key elements of energy efficiency + panel discussion:
  - Business needs and strategies for energy efficiency in the German textile industry, Stefan Schmidt, IVGT, DE
  - Energy efficiency in Portuguese textiles companies, Maria José Carvalho, CITEVE, PT
  - The SET way of saving energy in textile companies, Piero De Sabbata, ENEA, IT
  - Enabling resource efficiency with German Technology – Sustainability meets profit, Christine Karin Schmidt, VDMA, DE

14h15 - 15h45 – Parallel Strand 3 – Digitised and transparent fashion value chains driving Sustainability

Session chair Dieter Stellmach, DITF-MR, DE

- Carbon footprint of clothing transport depending on fashion business model, Stijn Bruers, EcoLife, BE
- The Made-in-Green transparency vision, David Pircher, Oeko-Tex Association, CH
- Managing a sustainable textile and clothing value chain through advanced software tools, Corrado de Castro, Cleviria, IT
- PREFER - A cluster approach to product environmental footprint, Roberto Vanucci, Centrocot, IT

15h45 - 16h15 – Coffee Break

16h15 - 17.30 – Parallel Session Wrap-up and closing session

Session chair Francesco Marchi, Euratex, BE

- Key messages from the 3 parallel sessions and future strategies of the Textile Flagship Initiatives on Sustainability:
  - Session 1 – Material Sustainability – Textile Flagship 1, Gerrit Bouwhuis, Saxion Hogeschool, NL
  - Session 2 – Resource efficiency – Textile Flagship 2, Vincent Nierstrasz, University of Boras, SE
  - Session 3 – Digitisation & new business models – Textile Flagship 7, Alexandra De Raeve, University College Ghent, BE
- Closing speech: Global resource and energy challenges as an opportunity for the European textile and clothing industry, Lutz Walter, Textile ETP

17h30 - 18h30 – Networking Cocktail

EU projects dissemination at the conference

SAVE ENERGY IN TEXTILE SMES

SET - the Save Energy in Textile SMEs project is launched to enable European textile SMEs to improve their energy efficiency, hence to achieve measurable economic and resource-efficiency results.

Contact: EURATEX, Mauro Scalia: mauro.scalia@euratex.eu
Website: www.euratex.eu/set

Co-funded by the Intelligent Energy Europe Programme of the European Union

RESYNTEX

RESYNTEX project aims to enhance the productivity and competitiveness of textile recycling processes.

Contact: SOEX, Pailak Mzikian: pmzikian@soexgroup.com
Website: www.resyntex.eu

Project is funded by the European Union's Horizon 2020 research and innovation programme

ECWRTI

New concept for wastewater reuse in the textile industry

Contact: ISPT, Andreas ten Cate: Andreas.tenCate@ispt.eu
Website: www.ecwrti.eu

Project is funded by the European Union's Horizon 2020 research and innovation programme

LIFE ADNATUR

Demonstration of natural coagulant use advantages in physical & chemical treatments in industry and urban waste water.

Contact: AITEX, María Blanes: mblanes@aitex.es
Website: www.adnatur.com

Project funded by the EC within the LIFE+ programme
LIFE12 ENV/ES/00026

LIFE DYES4EVER

Demonstration of cyclodextrin techniques in treatment of waste water in textile industry to recover and reuse textile dyes

Contact: AITEX, Esther Franco: efranco@aitex.es
Website: www.dyes4ever.eu

Project funded by the EC within the LIFE+ programme
LIFE12 ENV/ES/00309