

## **6th Thematic Seminar**

"New materials and new applications"

#### Huddersfield, 31st Jan. 2018 @ Textile Centre of Excellence



European Union European Regional Development Fund

## **RESET Project** Some facts



In 1991 the average EU citizen bought 34 garments in a year, in 2007 that had risen to 67 (one every 4-5 days)

2 billion pairs of jeans are produced globally each year

On average, it takes 7,000 litres of water to make one pair of jeans

> It takes 2,700 litres of water to make one T shirt

Over 8,000 different synthetic chemicals are used to turn raw materials into



#### **RESET Project** Some facts







# **RESET Project** Rationale



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- Business sustainability is becoming one of the most important objectives of the T&C industry.
- Right balance of investment and benefits across the "people, planet and profit" aspects of sustainability.
- Networking between regional and local authorities, T&C clusters and R&D centers and other stakeholders is an essential part of the transition to a more sustainable future.
- Sharing experiences across EU linking technological evolution of products and processes with a more sustainable approach to the market.







To generate a policy change in the implementation of regional policies and programmes of the Structural Funds linking the strengthening of research, technological development and innovation with the sustainability of the T&C sector in the partner regions.





# **RESET Project** Policy (funding) instruments



- ERDF Regional Operational Programme 2014-2020 for the Lodzkie Region
- ERDF Regional Operational Programme 2014-2020 of the Valencian Region
- Operational Programme Enterprises and Innovations for Competitiveness
- ERDF Regional Operational Programme 2014-2020 of the Saxony Region
- ERDF Regional Operational Programme 2014-2020 of Tuscany Region
- Regional Operational Programme 2014-2020 of Romania
- COMPETE 2020 Operational Programme for Competitiveness and Internationalization
- ERDF England Operational Programme 2014-2020
- ERDF ESF Operational Programme Nord Pas de Calais 2014-2020







To support the policy improvement and capacity building of the partners' regions to develop R&D and innovation excellence in the T&C sector oriented towards the sustainability of the production processes and product development





# RESET Project Policy themes

Besnik Mehmeti b.mehmeti@comune.prato.it Huddersfield, 31st Jan. 2018

# **TEXTILE RECYCLING** WATER AND ENERGY SAVING NEW SUSTAINABLE CHEMISTRY SMART TEXTILES ECO-CREATIVITY AND NATURAL FIBRES NEW MATERIALS AND APPLICATIONS







#### **Project Partners**

- Municipality of Prato Italy
- Next Technology Tecnotessile Italy
- Lodzkie Region Poland
- Clutex Cluster Technical Textiles Czech Republic
- Textile Research Institute AITEX Spain
- Textile Centre of Excellence United Kingdom
- Saxony Institute Textile Research Germany
- Technological Centre for Textile & Clothing of Portugal (CITEVE) Portugal
- National Research & Development Institute for Textiles & Leather Romania
- Centre of European Textile Innovation France







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