

2nd Thematic Seminar

“Water consumption and energy saving”

Porto, 14th Feb. 2017
@ Porto Cruise Terminal

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

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Some facts



Over 20% of all global water pollution comes from textile manufacturing

80 billion pieces of clothing are produced globally each year

85% of discarded clothing ends up in landfill

In the EU, the average person discards 32 kg of clothing each year

10% of all new clothing is never sold, never worn and goes straight to landfill.

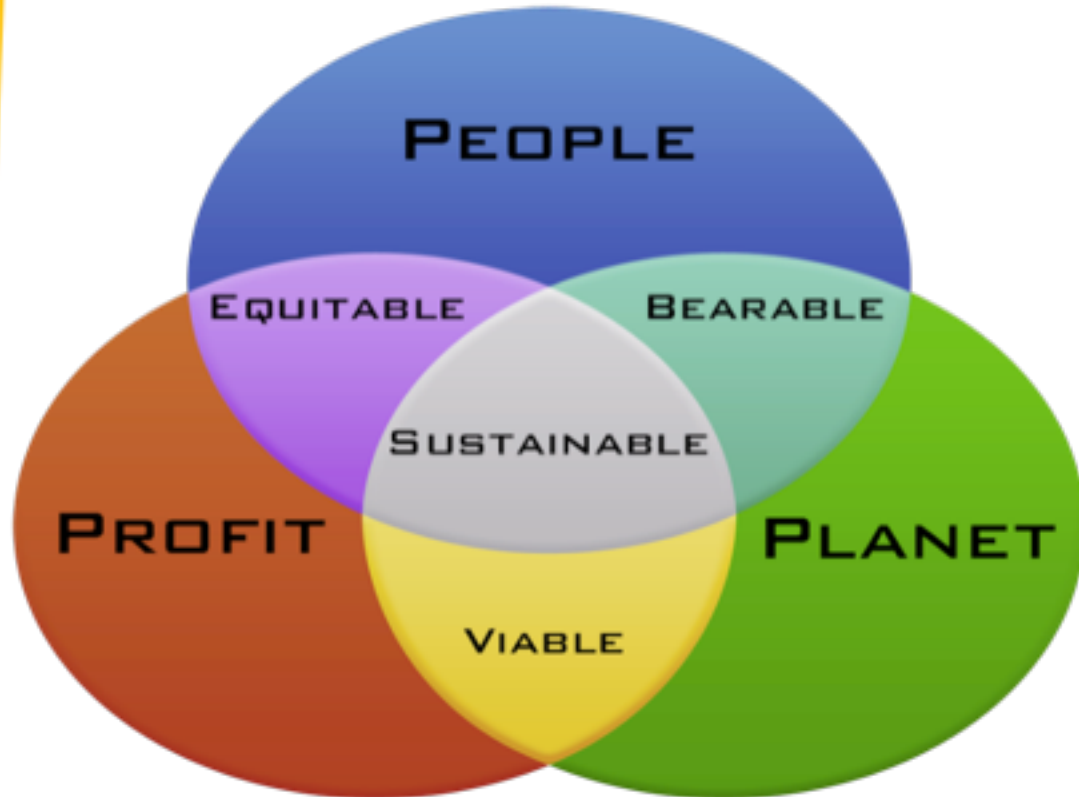
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Rationale



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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.

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Main objective



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.



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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

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Sub-objective



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



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Policy themes

TEXTILE RECYCLING



WATER AND ENERGY SAVING



NEW SUSTAINABLE CHEMISTRY



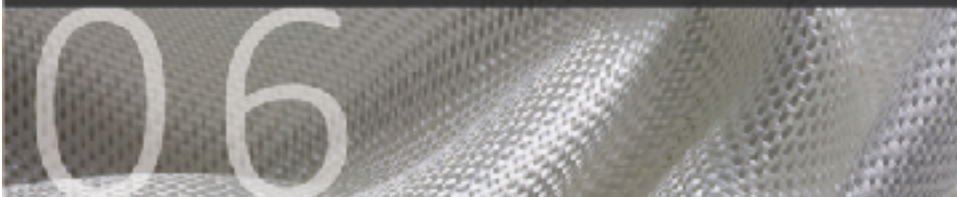
SMART TEXTILES



ECO-CREATIVITY AND NATURAL FIBRES



NEW MATERIALS AND APPLICATIONS



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Policy themes



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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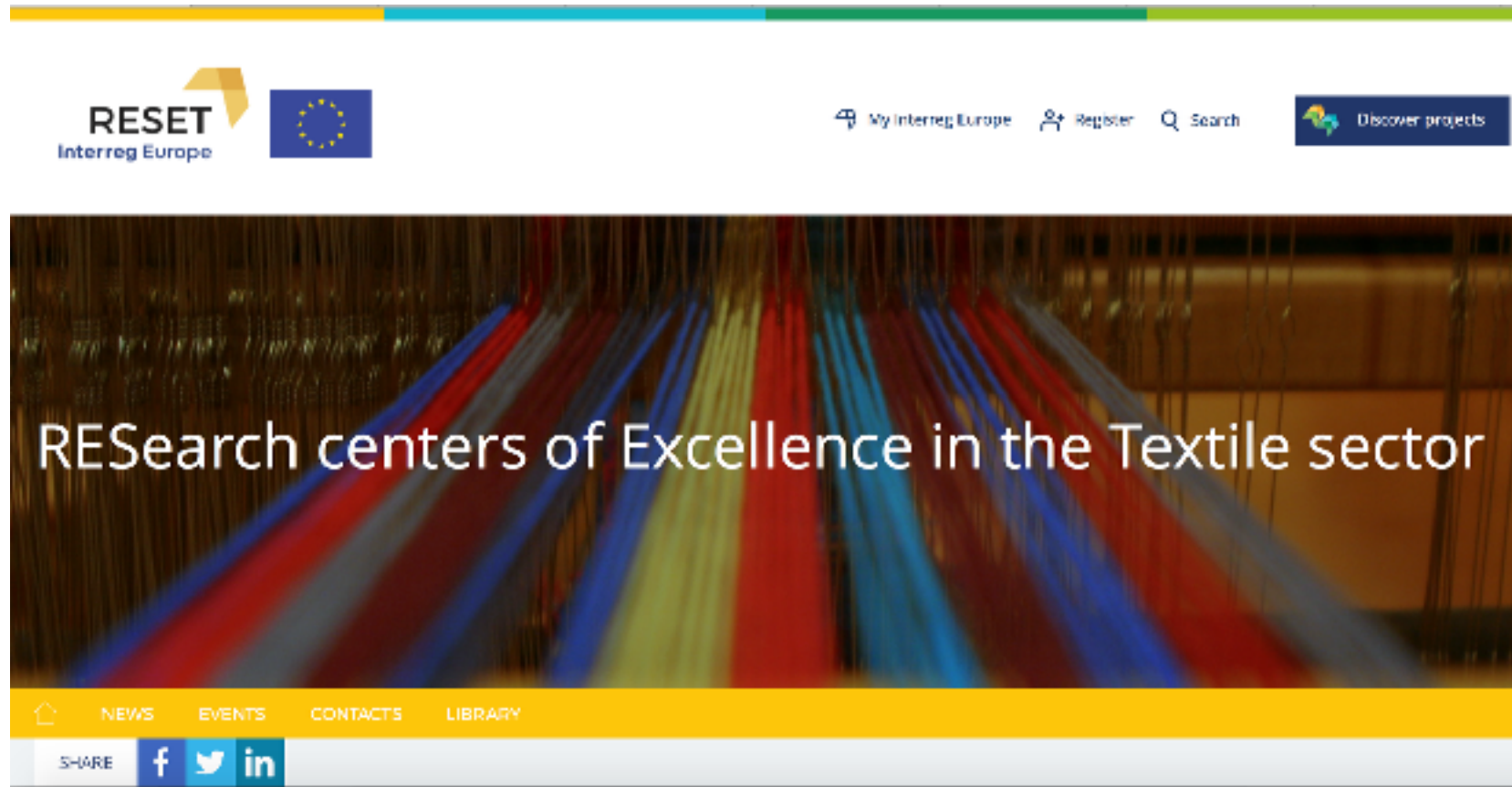
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Good Practices available at: www.interregeurope.eu/reset/library/



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