

WP T2 INNOVATION ON TEXTILE WASTE MANAGEMENT

ACTIVITY A.T2.5 INTERNATIONAL ADVISORY BOARD - 2ND MEETING

Deliverable D.T2.5.1

Working Progress Report

Version 1

Responsible partner:

12/2018

PP6 Sachsen!Textil e.V.

(S!T - Germany)



CONTENT

April/June 2019 1

This document has been issued within the project ENTeR (CE 1136) thanks to the funding received from the European Union under the Interreg Central Europe Programme (2nd call 2016)

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ENTeR – Expert Network on Textile Recycling

ENTeR works in five central European countries that are involved in the textile business, to promote innovative solutions for waste management that will result in a circular economy approach to making textiles.

The project will help to accelerate collaboration among the involved textile territories, promoting a joint offer of innovative services by the main local research centres and business associations (“virtual centre”), involving also public stakeholders in defining a strategic agenda and related action plan, in order to link and drive the circular economy consideration and strategic actions.

The approach of the proposal and the cooperation between the partners are oriented to the management and optimization of waste, in a Life Cycle Design (or Ecodesign) perspective



CE1136 - Expert Network on Textile

April/June 2019

The first output document of Interreg Central Europe's ENTeR (Expert Network on Textile Recycling)

The Strategic Agenda on Textile Waste Management and Recycling defined on the basis of regional analysis problems which are relevant for the participating regions. It provides a common vision and set objectives and priorities in a mid-term to long-term perspective. Specifically, the Strategic Agenda will tend to encourage the application of the Circular Economy in companies and to find new textile waste markets and alternative solutions to raw materials.

In this framework, the ten partners of the ENTeR project identified five areas of action:

- Legal and Policy: to monitor local and community policies in order to constantly orient the Strategic Agenda;
- Waste management: to develop specialized databases and a platform for the exchange of information, materials and technologies. Also, to study a model for waste recovery (for example, a local consortium for recovery);
- Research and technological trends: to develop technologies that integrate and optimize production processes with respect to the product life cycle;
- Communication: to favor a secondary materials market and encourage the reuse of waste in order to create a "second life" to waste;



- Educational: to highlight the training needs of companies identifying the conditions that favor the implementation of circular economy models;

The five action lines will guide partners in the implementation of the ENTeR project, to strengthen research and innovation with the ultimate goal of improving the management of textile waste, encouraging economic growth and, at the same time, promoting a joint offer of new services.

ENTeR – Expert Network on Textile Recycling: innovative waste management and recycling methods in textile manufacturing make it possible to reduce and reuse waste. It helps cutting production costs while protecting the environment. ENTeR works in five central European countries that are involved in the textile business, to promote innovative solutions for waste management that will result in a circular economy approach to making textiles.

Site Web:

www.interreg-central.eu/enter

Czech Republic - TECHTEXTIL 2019

The Czech pilot cases together with the project ENTeR in general were presented by INOTEX in its exhibition stand to the textile experts and public during the international fairtrade TECHTEXTIL 2019 taking a place in Frankfurt am Main, Germany on 13-17th May 2019.



Techtextil is the leading international trade fair for technical textiles and nonwovens. At 2019, 42,500 visitors from 105 countries came to find out about the new developments in technical textiles, functional apparel fabrics and nonwovens introduced there by 1501 exhibitors from 57 countries.

Italy - Fashiontech

CENTROCOT participated the workshop of presentation of the regional call "Fashiontech" with focus on sustainability of textile supplying chain.

A speech was delivered by Centrocot focused on the textile chain and recycling of post-industrial and post-consumer waste and Project ENTeR was a case study.



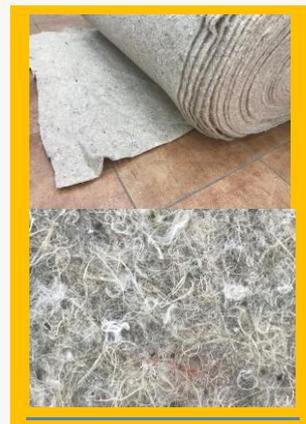
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Work In Progress

Poland – Pilot Case – promising results

The **first ideas of managing and processing of post-production textile waste** from production of carpets, woven grass and quilted textile materials were developed, including pre-treatment for recycling purposes. The possibility of obtaining of needed nonwovens was tested in cooperation with recycling company. Post-production textile wastes were collected from two different textile companies.

As an example, nonwoven from defibrated jute (33%) and polypropylene (33%) selvages and shredded polyester from quilted textile waste (34%) was manufactured (*photo*).



Germany - RE4TEX – New technologies for Textile



The kick-off meeting of the network project "RE4TEX" funded by the Federal Ministry for Economic Affairs and Energy (BMWi) took place at the Saxon Textile Research Institute (STFI) in Chemnitz (DE) on April 16th, 2019.

The institute acts as network manager and cooperates with partners from research and

industry (SMEs) as well as industry associations and national disposal companies which leverage their know-how to the network as associated partners. The aim of the RE4TEX network is to optimize existing and to develop new recycling technologies. The focus is on methods of recycling-friendly construction and sustainable management for the recovery of raw materials from textile waste and their reuse, the closing of material cycles, the increase in the degree of recycling for textile waste through effective recycling methods and a reduction of waste in the production process. In at least four technology and/or material-oriented individual projects, interested companies and research institutions develop and implement individual solutions. The development results will be the basis to increase the recycling ratio and the resource efficiency in the enterprises significantly.

Hungary - ETP CONFERENCE



INNOVATEXT attended the ANNUAL TEXTILE ETP CONFERENCE 24-25 APRIL 2019 BRUSSELS where the results of the ENTeR project was displayed on a poster.

With the organization of INNOVATEXT the annual Light Industry event was held in 09.04.2019 at Óbudai University where Lívía Kokasné Palicska made a presentation about the Hungarian textile industry and as part of the presentation the ENTeR project development was disseminated. During the event Olga Chybová from INOTEX gave a presentation on the Czech textile industry.

Poland – Corporate Social Responsibility



In Warsaw, at the Ministry of Economy and Technology, a conference on Corporate Social Responsibility in the clothing, textile and leather sector in terms of environmental protection and the sector's aspiration to apply a circular economy was held.

During the conference, PIOT - project partner presented Strategic Agenda on Textile Waste Management and Recycling as one of the

activities of the Enter project aimed at solving the problem of textile waste utilization in Europe with the participation of Poland.