

# WP T2 INNOVATION ON TEXTILE WASTE MANAGEMENT

## ACTIVITY A.T2.5 INTERNATIONAL ADVISORY BOARD - 2<sup>ND</sup> MEETING

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Working Progress Report

Version 1

Responsible partner:

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PP6 Sachsen!Textil e.V.

(S!T - Germany)

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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**

**October/December 2019**

## ECOMONDO

Centrocot and Univa took part in the 23rd edition of Ecomondo, the fair which is considered the reference event for green technological and industrial innovation in Europe, an innovative format that combines all sectors of circular economy in a single platform, from materials and energy recovery up to sustainable development. This year, most importance has been given to new regulatory priorities in research and innovation, new processes and related products at industrial level. In particular, UNIVA and Centrocot presented the Life M3P project in a collective stand (which included, among others, Bocconi University of Milan and Scuola Superiore Sant'Anna of Pisa), with 6 other European projects on circular economy. During the final conference of Life M3P program, entitled "An On-Line Platform for Industrial Symbiosis and Circular Economy", the final results of the project (which aims to create an online platform to promote the exchange of industrial waste/scrap among companies) were presented along with related video with the participation of Novello srl, IMP Spa and Brunello Spa, companies associated with Univa. The platform, also used by the ENTeR project to catalog textile waste, attracted a lot of interest from the attendants. At the end of the meeting, a round table entitled "Comparative experiences between European projects on the circular economy:



current and future applications" was held, coordinated by Luisa Minoli, Project Manager of UNIVA, and attended by representatives of European projects focused on circular economy. The M3P booth also featured prototypes made by young designers with waste materials from Italian companies, shared through the digital platform; among them, the mosquito net that turns into a hammock, the backpack cover created with scraps of rubber soles, elegant clothing made with fabrics and yarns recycled by a team of Varese companies and felt pocket emptier, made by a cooperative. Some numbers and figures of Ecomondo: 1,300 companies, thousands of foreign buyers from 130 countries and accredited to business meetings, a participation of international operators 24% more than 2018 edition.

**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](http://www.interreg-central.eu/enter)

## INDEX 2020: Highlights of STFI in Geneva (CH)

With regard to the expected boom in smart textiles, the STFI is turning its attention to the recycling of smart textiles. In many cases these smart textiles contain metallic fibres, electrically conductive filaments or even switching elements that require new approaches for the recycling process. STFI experts from the Center of Excellence in Nonwovens will present the first promising research results at the leading nonwovens trade fair INDEX in Geneva (CH) from March 31st to April 3th, 2020. Another focus of STFI booth presentations at the trade fair is the institute's recently upgraded spunbonded nonwovens line. The Reicofil® 4.5 line has been upgraded to the latest Reicofil® 5.0 standard. In addition, STFI will be showcasing novel textile hinge-joints for boat and motorhome constructions as well as innerspring pockets for pocket spring mattresses made of bio-based spunbond nonwovens and lately developed CFRP components based on recycled carbon fibres. Come and visit us in Geneva at booth No. 1369!



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## Poland- Pilot Case

During the industry meeting organized by PIOT in Łódź, the previous activities in the ENTeR project were presented. A description of PILOT CASES projects was presented, as well as an example implemented in Poland.

PILOT CASE is a process of analysis and research of production processes and an example of using recyclable materials.

The issue of acquiring knowledge on sectoral waste management and the experience of companies in the field of applied research methods for waste processing was discussed.



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## Poland – Title



In Warsaw, during the entrepreneur's day, a panel was organized to present the assumptions of the model of cooperation between companies. During the discussion, constructive comments were obtained to optimize the model.

The assumptions of the organization of training modules supporting the approach to resource efficiency and circular economy were also presented.

Enterprises and institutions working for the benefit of the sector defined the training areas expected by them and the scope of knowledge they are interested.