

WP T3 APPROACH VALIDATION

ACTIVITY A.T3.3 INTERNATIONAL ADVISORY

BOARD - 3RD MEETING

Deliverable D.T3.3.1

Working Progress Report

Version 1

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Responsible partner:

PP4 INNOVATEXT (Hungary)



CONTENT

July/November 2020.....Errore. Il segnalibro non è definito.

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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

July/November 2020

Action Plan

The goal of this publication is to define the future steps and possibilities that arose during ENTeR's timeframe. The basic idea behind the Action Plan was to **outline a strategic approach** and highlight the things to be done within the next 3 to 5 years, following the instructions and lessons learned from the outputs which were created during the project: the Strategic Agenda, the Collaboration Model, the Textile Network for Circular Economy Agreement and last but not least, the High-Level Training Modules and Pilot Cases.

The results of the partnership's joint efforts can be greatly enhanced in the future by defining a sequel to the project; consequently, we made this detailed study of the next steps.

The conclusion of ENTeR's Strategic Agenda has left no doubt about how much work is ahead of the textile industry in order to make a switch to circular economy. Among the countless promising initiatives enforced by various industry stakeholders, ENTeR Partnership would like to play its part. As a result, we defined our future actions which will contribute to circular transition.

We broke down our goals to subtasks, allocated partners undertaking certain roles, proposed a timeline, and identified milestones and indicators to monitor our progress along the way.



The Partnership also collected the relevant funding opportunities foreseen on EU, national and regional levels for the next couple of years. As a result, the second part of the Action Plan provides a detailed collection of circularity and sustainability-related projects, tenders and grants, giving an overview about the target groups, objectives, funding agencies and duration of financing, etc. The publication is mainly focused on the funding opportunities offered in the five Central European countries of the project partners, which can facilitate the transition to circularity in textiles in a financially viable way, which is - of course - usually the bottleneck of the industrial implementation of precisely formulated-publications on the subject.

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.

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Czech-Slovak webinar

The ENTeR training modules were translated into Czech by the Czech partners and transformed into videos on YouTube, where they are freely available to all.

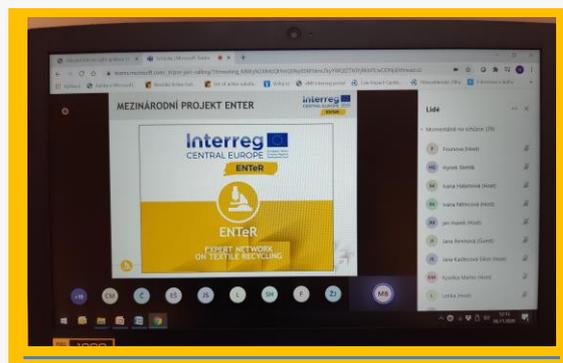
On 16. September 2020 Czech ENTeR partners - INOTEX and ČTPT - organized international (Czech-Slovak) ENTeR webinar at which the outputs and results of the ENTeR project were presented. Webinar was attended by 23 Czech and Slovak participants.



Czech Republic

ENTeR results at TEXCHEM-RegioTEX 2020

On 5th and 6th November 2020, the project results were presented to the stakeholders representing the Czech textile industry during the 52th international conference TEXCHEM-RegioTEX 2020. Due to the current situation related to COVID-19 pandemic, the event was organized virtually.



The first day of a conference was dedicated to the role of textile industry in the fight against the COVID-19 pandemic and its relationship to the circular economy, reduction of the textile waste through the service life prolongation thanks to the reactivation of functional finishing or to the practical experience from textile waste recycling. During the second day, the projects and strategies supporting innovations and transition towards the circular economy in textile industry were introduced.

Germany

Successful German-Czech Pilot Case

STFI contacted company Textilausrüstung Pfand GmbH, Lengenfeld (DE) as partner for its Pilot Case. The company offers contract finishing and functionalization of technical textiles. It generates different kinds of textile waste during the production process: pure cut pieces and selvages from different fabrics, mixed textile waste of different fibre types, yarn residues, coated and uncoated waste. To help the company with their waste management, STFI and ENTeR-project partner INOTEX (CZ) built up a consortium to work together on solutions on how to recycle this textile waste. Most of the samples from the textile waste produced by Pfand were tested by company Green Way Recycling (Opava/CZ) having a rich experience in processing various waste materials. One kind of waste, namely pure white PES scraps (unfinished and only slightly thermally fixed), has been of great interest. Due to the untreated and smooth structure the material is suitable for a use as underground in horse arenas and for the automotive industry. Transfer activities for the textile waste material took place between the companies Pfand and Green Way Recycling. The Czech company carried out several testing and feasibility trials and company Pfand provided further waste material.

Hungary

Textile waste database in progress

Even though the COVID19 situation highly influenced the ENTeR project partners, PBN was trying to achieve the best possible ways and find a solution to the problems.

We carried out numerous preliminary activities such as looking into different online platforms, cooperating with Croatian nationalities, contacting relevant, interesting presenters and stakeholders.

PBN was actively working on promoting the ENTeR project, with its outputs, training modules and our 2 pilot cases.

PBN, as the responsible partner for the A.T.2.2. Waste database, carried out the activities and working on the deliverable and on the waste database.



Poland

Training on CE for students

On 24th September 2020 Łukasiewicz Research Network - Textile Research Institute organized, on its own premises, compiled training focused on Circular Economy for 15 students and 2 teachers representing the Secondary School Complex no. 22 in Warsaw - textile profile class. The training covered the following issues: Circular Economy approach, eco-design, mechanical recycling technologies, including results of Polish Pilot Case and ENTeR project.

Students expressed great interest in the presented topics. Young people were strongly impressed by the information on the size and manner of consumption of clothing products and the impact of this phenomenon on increasing environmental pollution. The youth actively participated in creating new ideas for implementing the principles of circular economy. The teachers were satisfied with the training and declared their willingness to participate in a similar training with the other groups of students in the next years.

Hungary

3rd International Advisory Board Meeting - Online

The 3rd and last International Advisory Board (IAB) Meeting was held on 27th of October 2020 with the participation of all project partners. At this final project phase, the IAB members were required to analyse the whole experience gained, verify the new COVID pilot case and help to identify the tools to implement the Strategic Agenda, Collaboration Agreement in order to define an Action Plan.

A document will report the conclusions about the validation of the project and suggestions to carry out activities and results until the end of the project.

Italy

Webinar AFIL: “Textile Industry faces Circular Economy”

The transition from a linear economy to a circular one; the specificities of circular economy in the textile sector; the needs of textile companies and relevant potential support services: these are the topics discussed during the **Innovation Labs web meeting held on 2 October 2020**, organized by the Lombardy Cluster AFIL (Associazione Fabbrica Intelligente) in collaboration with Centrocot.

Textile Clothing Fashion industry is in fact one of the most important industrial sectors for European economy and is the one on which the policies related to environmental sustainability promoted by the European 'Green Deal' program are most focused.

In the webinar it was underlined that worldwide, nearly 70% of the fibers used by textile industry are of fossil origin, and less than 1% of all post-consumer fabrics are recycled into new fabrics.

The transition to a circular economy would therefore allow a significant reduction in the consumption of raw materials.

To encourage companies to take this step, Centrocot presented some experiences of circular economy, in particular pilot cases developed by partners and guidelines for recycling and re-using textile medical devices related to COVID-19 pandemic emergency.



Italy

Final Conference

The Project final Conference was held in web modality on 10th of November 2020 with the participation of 144 attendees (textile industries, stakeholders, students, cluster and associations) presented the achieved results and evaluated, through the point of view of involved parties, the opportunities of circular economy model compared to the linear one, considering also the recent problems due to COVID-19 outbreak.

The conference aimed at presenting the transition of European textile sector towards the circular economy.

The event shaped the vision of policy makers and relevant stakeholders of circular economy, highlighting the new funded EU projects proposing R&D results, applications and cross-regionals models of global recovery from the COVID-19 pandemic.

The event also focused on concrete experiences carried out by clusters (EU-Textile 2030 and Texplus Foundation) and consortia (ENTeR project) that developed pilot cases at different levels of circular economy and a plan to deliver supporting actions towards a green and circular economy.

