



CE1136 - Expert Network on Textile

January/March 2018

First steps towards waste reduction

More than six months have passed since the beginning of the ENTeR project and the activities of knowing the needs of companies in the textile sector, in terms of recycling and circular economy, are coming to an end.

In particular, interviews were conducted with textile companies to identify the needs on the topic of waste / waste generated.

This cognitive phase, aimed at the construction of pilot cases (one in each country), will allow us to study new possible applications for the exploitation of industrial waste.

Two main innovative aspects are highlighted.

The first, the pilot cases of industrial symbiosis will be defined using the platform as a "material match making system" and implementing in-depth studies of a series of significant waste streams.



The second concerns the object of studies, i.e. textile waste. Thanks to the survey and the interviews and the synergy with other projects, the information collected will be used to power the Data Match platform of Life M3P (developed thanks to the co-financing of the European Life Program 2014-2020 and the support of the Lombardy Region through the availability of software open source "Open 2.0").

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

25 January - Workshop

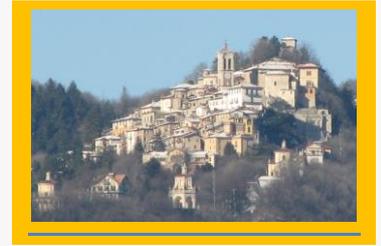


UNIVA and CENTROCOT organized a workshop on 25th January 2018. Luisa Minoli of UNIVA highlighted the main objective of the project: waste and scraps reduction to avoid the consumption of non renewable resources and the creation of innovative services to support the

approach to sustainability and circular economy in the companies. Omar Maschi, researcher of Centrocot presented the technical, logistic, social and economic problems linked to textiles recycling; whereas Paolo showed how ecodesign can support the design of sustainable and recyclable products. An example is Clever little Bag launched by PUMA: a new shoe packaging that brought a 60% reduction of raw material. Mariagrazia Vittori presented Alfredo Grassi. way to sustainability!

Regional Report - Lombardy

In Varese Province, the Textile & Clothing sector counts 1,574 local units, employing 13,403 people. Manufacture of textiles and wearing apparel are the most important divisions of the sector.



At provincial level, 6,093 tons/year represent waste deriving from leathers/furs processing and textile industry production; liquids deriving from tanning activities, such as sludge coming from on-site treatment of effluents and tanned leather.

To be underlined the development of technologies for sustainable manufacturing, that allow the implementation of sustainable "end-of-life" processes.

POLAND: XI International Conference Innovation and Creativity in Economy

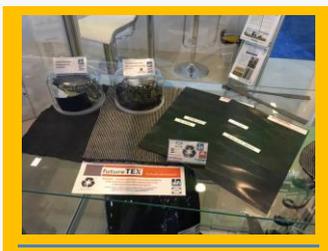
Representatives of IW took part in the XI International Conference Innovation and Creativity in Economy "Sustainable design in innovation driven business" held in Warsaw by the Patent Office of the Republic of Poland on 15-16 March 2018 this year focusing on circular economy, ecodesign, ecological innovations and creative use of waste. In panel discussions participated over 40 lecturers from Poland and abroad – authorities, policy makers, experts on circular economy, designers, companies with CSR regulations. IW Partner Project Manager had the possibility to share ENTer ideas with the audience. The conference gave IW representatives an opportunity to find potential stakeholders for ENTer project.



Czech Republic: survey on the current state of textile waste management

The questionnaire survey among the companies producing and processing the textile waste in Czech Republic was carried out within the project ENTer at the beginning of 2018. The results showed that companies are looking for solutions to reuse their textile waste as much as possible internally; if not possible, at external partners. Textile waste is mainly processed mechanically (tearing, cutting) and forwarded for further use (cleaning materials, fillings, insulations, parts for automotive industry). The same is also in case of outworn clothing and other textile collected by public in containers.

The results showed that the technological solution for reuse of textile waste in CZ is available mostly for "single" textile; processing and reuse of waste of technical textiles is often difficult or costly due to their technical nature (heavy coated or laminated, composites...). Due to the significant position of the production of technical textiles in Czech Republic, there seems to be opportunities for innovations. Respondents also pointed out the difficulties in using waste as a secondary raw material from the legislation point of view.



STFI at JEC World Fair in Paris



At the beginning of March 2018, STFI took part in the JEC World Fair (Leading International Composite Show) in Paris (FR). Innovations from the lightweight engineering sector were in the focus of the exhibition. STFI presented results from current research and development projects of fibre reinforced composites and nonwovens or secondary rovings from recycled carbon fibres (rCF).