



Project Information Sheet

GREENUP

Programme area:	Recycling
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Website:	www.greenup-project.eu
Benefits (max. 150 characters incl. space):	The project contributes to the active integration of recycled products in the industry and the production and marked implementation of eco-friendly upholstery products.
Keywords:	Eco-upholstery, leather cutting process, Recycled textile
Sector:	C29.3. Manufacture of parts and accessories for vehicles
Type of solution	Recycled upholstery leather and textile products
Duration:	1/12/2010 –1/11/2013
Budget:	946.807 € (EU contribution: 50%)
Contract number:	ECO/09/256111/SI2.579245

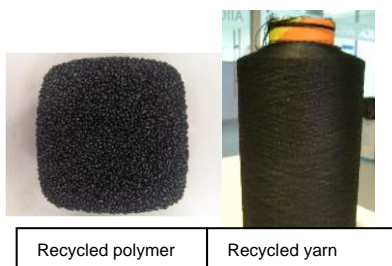
Summary

The GREENUP project aims at the production and marked implementation of eco-friendly upholstery products of leather and textile materials for immediate application in seating: public furniture, commercial and private office furniture automotive and other means of transport. This approach will minimise the disposal of processed materials and will contribute to the setting of recycling strategies and integration of recycled waste from the processes involved in the manufacture of upholstery goods.

This project offers a new solution for designing new recycling processes for the production of 100% recycled upholstery products. The recycled materials come from the waste generated during different production steps and imply a reduction of textile and leather waste materials. The fully recyclable upholstered seats for furniture seating and transport sector will be possible due to the following three key technologies will be joined: Improvement of leather tanning process, production of recycled polyester yarn and recycled 3D fabrics.

Expected and/or achieved results

The most important achieved results in the first 14 month of the project are the following ones:



Recycled polymer

Recycled yarn

- Obtaining of recycled polymer chip and 100% recycled polyester yarn
- Semi-industrial validation of a new efficient tanning process for upholstery products (reduction of waste generation /decreasing of manufacturing cost)
- First development of a new cutting method to integrate the new leather product in conventional cutting process
- Identification of Initial application to railway-seating costumers
- Development of several dissemination activities: web page, newsletter, workshops, flyers, posters and fairs.

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