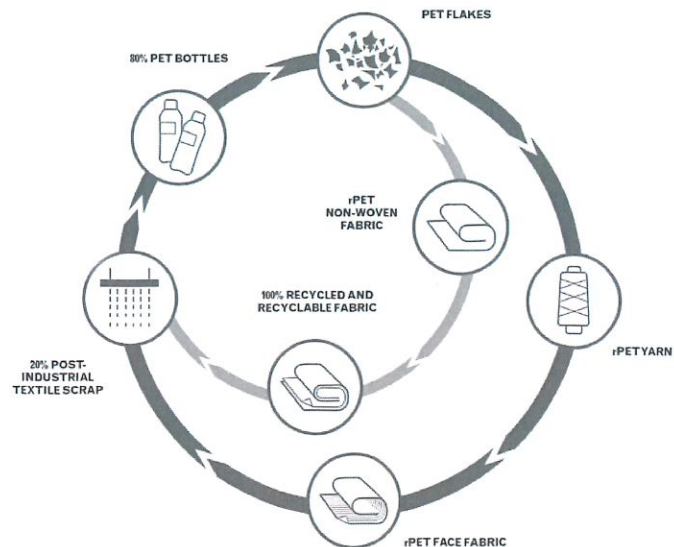




EVROPSKÁ UNIE
Evropský fond pro regionální rozvoj
Operační program Podnikání
a inovace pro konkurenceschopnost

Project: 'Innovative textiles and processes for sustainable development'

Project registration number: CZ.01.1.02/0.0/0.0/20_318/0025097



The subject of the project "**Innovated Textiles and Processes for Sustainable Development**" of Sage Strakonice is the innovation of 2 product lines and the related innovation of the production process. Specifically, this involves the introduction into mass production of **newly developed eco-friendly and recyclable textiles made from recycled materials that will be used for car interiors**. The project includes a related **innovation in the production process, which consists of a new way of manufacturing the innovative products and the introduction of a so-called recycling ring**.

A typical example of innovative products is:

- **Artisyn®** - a new fabric that replaces natural leather. It will be produced in a unique way **from polyester derived from recycled PET** and other materials that will allow further **recycling** at the end of the product's life. The new product will meet the most demanding requirements of customers and manufacturers of alternative drive and luxury cars, both in terms of performance and **environmental protection** (reduction of CO₂, waste - circular economy).
- **A new range of textiles made from recycled and purely natural resources** - the output will be special textiles made **from recycled PET and natural resources such as wool**. And last but not least, recyclable materials replacing environmentally unsuitable PVC materials in vehicle interiors.

It also includes optimization of technologies to reduce the ecological burden - reduction of PUR foam consumption and optimization of process water and energy consumption