

# SCIRT.

We are on an innovation journey towards a circular fashion system.



## System Circularity & Innovative Recycling of Textiles.



A unique collaboration between 18 industry and research organisations, SCIRT will facilitate the transition to a circular fashion economy.



Coordinated by VITO, the project will demonstrate an entire textile-to-textile recycling system for discarded clothing over the course of three years.



With consumer perspectives in mind, SCIRT will enable conditions and supporting measures needed to make the transition to circularity.

## Background.

Less than 1% of textile waste is recycled into new fibres according to an Ellen MacArthur Foundation report published in 2017.

This build up is not due to low consumer demand, but rather to a lack of knowledge regarding the technological, economic and environmental feasibility of recycling fibre mixtures.

There is a need to align the quality and cost of recycling processes with the demands of textile companies and fashion brands. The SCIRT project aims to develop a solution to accelerate the transition to a circular fashion economy.



# Objectives.



Deliver a closed-loop recycling solution for discarded textiles.

Create new business opportunities by boosting textile value chain activity.

Stimulate and encourage conscious design as well as production practices.

Raise awareness of the environmental and social impacts of buying clothes.

# Expected outcomes.

With the support of technical partners and research institutes, clothing brands Decathlon, Petit Bateau, Bel & Bo, HNST and Xandres, will develop, prototype and produce six types of apparel using recycled fibres.



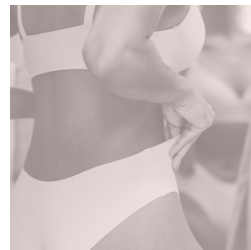
Formal wear.



Casual wear.



Sportswear.



Underwear.



Uniforms.

# Project partners.



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