



## Fibersort Producer Network

Fibersort is an Interreg funded project based in NWE. The Fibersort technology automatically sorts large volumes of mixed post-consumer textiles by fibre type, and it does so with a high degree of accuracy. This development supplies textile-to-textile recyclers with large volumes of quality-assured feedstock for their processes and is therefore a key technology to enable the transition to a circular system.

### Why does the industry need Fibersort

- Textiles require a tremendous amount of resources to be produced, including water, CO<sub>2</sub>, chemicals, and energy. All of this embedded value is lost when these materials are landfilled or incinerated.
- High value recycling technologies require a supply of precise and constant feedstock (ie. old garments/textiles that have been sorted into specific fibre categories).
- Reaching the widespread implementation of an efficient and automated textile sorting process, to create textile recycling feedstock for these technologies is therefore essential.

### Impact for brands, retailers and manufacturers

- Consumers are more aware of fashion's negative environmental impact.
- Resources are becoming increasingly scarce.
- Fibersort is an exciting opportunity to close the loop in fashion.

### Benefits for brands, retailers and manufacturers

- Support the creation of new markets for low-value textiles
- Increase the availability of sustainable textiles for the future
- Learn about a circular value chains, recycling technologies and recycled fibres.

## Producer Network Goals

- Present the Fibersort technology for industry review and feedback.
- Identify the potential of business models and end markets for recycled textiles.
- Identify brand, retailer and manufacturer requirements for using recycled textiles.
- Create a network of front running organisations of brands, retailers and manufacturers to collaborate and close the loop in fashion.

## Producer Network Deliverables

- **Online Webinars**
- **Report:** Potential of business models and end markets to increase the use of recycled textiles, including product and performance expectations for recycled fibres (Public).
- **Report:** Policy recommendation to catalyze the uptake of recycled fibers into the apparel industry through the use of Fibersort technology. (Public)
- **Report:** Case studies describing key barriers and success factors for effective Fibersort market uptake in NWE. (Public)

## Types of stakeholders involved

- Producers:
  - Apparel brands
  - Designers
  - Retailers
  - Manufacturers
- **Industry related NGOs**
- **Academia**