



Circular & Biobased Textiles

Innovation Hub

Textile EPR Masterclass

January – June 2026

Scope: Understand the technologies, processes and business strategies to implement effective textile circularity based on the Extended Producer Responsibility system.

in collaboration with

Re_fashion



PROGRAMME

1. Understanding the basics

- a. What is Extended Producer Responsibility, what are its objectives
- b. What does current EU legislation say about Textile EPR
- c. What is a Producer Responsibility Organisation (PRO), what are its roles, how does it work
- d. What are EPR fees, how are they collected, what are they used for
- e. What are the key learnings from other sectors with EPR systems

2. Textile consumption & waste in the EU

- a. What are the volumes of textiles, clothing and footwear put on the EU market? What are the main components, consumer vs. professional uses, what are the main distribution channels? What is its evolution over time?
- b. What are the waste volumes generated in Europe? What are the main flows & pathways? What is the material composition? What are the current end uses/disposal options? What are the expected future scenarios?

3. Textile waste collection & sorting

- a. What is the situation of the separate collection of textile waste across Europe? How did the 2025 mandatory separate collection impact the situation? What is the expected evolution over time?
- b. What is the situation of sorting? Main actors, their business models and current challenges, sorting for reuse vs. sorting for recycling, manual vs. automatic sorting, expected future technology evolution.

4. Textile-to-textile recycling

- a. The current status of textile recycling: volumes, feedstock, end markets; fibre-to-fibre recycling vs. downcycling
- b. The main recycling processes (mechanical, thermo-mechanical, chemical, enzymatic..) and their relevance for major fibre types or product categories
- c. The main challenges of scaling T2T recycling & how to overcome them

5. Textile repair & reuse

- a. The importance of product lifetime extension as textile sustainability strategy
- b. Can professional care and repair be supported by EPR? What are the requirements for brands/retailers. Care & repair as a business model.
- c. What is the future of re-use? Local re-use vs. export. Re-use as a service for brands and retailers. The role of re-use platforms. The role of social economy actors

6. Ecodesign and Ecomodulation

- a. What is ecodesign: understanding main principles (design for longevity, design for repairability, design for recyclability), voluntary vs. regulatory approaches (ESPR), ecodesign tools
- b. What is ecomodulation under EPR: what is the principle, what are the main strategies, what experiences exist with ecomodulation in EPR schemes

7. Beyond EPR – an outlook for textile circularity in Europe

- a. Innovation & Technology Trends impacting textile circularity in the future
- b. Traceability of products and materials through production, use and end-of-life
- c. The role of AI and other digital solutions