
Scaling Textile-to-Textile Recycling: From Innovation to Industrial Reality



 **16-22 SEPTEMBER 2027**
MESSEGELAENDE HANNOVER
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the future of textiles

Textile Recycling Enters Its Next Industrial Phase



Textile-to-textile recycling is increasingly moving beyond pilot projects towards industrial-scale implementation.

Across Europe and Asia, investments in automation, sorting technologies, fibre regeneration and

manufacturing integration are accelerating as the industry works towards scalable circular production systems.

Recycling is no longer developing as a standalone sustainability initiative. It is increasingly being integrated into mainstream textile manufacturing systems, creating new opportunities for technology providers spanning sorting, AI, automation, fibre processing, spinning and traceability.

In our latest blog, we examine how the recycling ecosystem is evolving, and what it will take to bridge the gap between technological readiness and large-scale industrial implementation.

Key developments covered include:

- **The sorting revolution:** How AI-powered sorting systems and material identification technologies are improving feedstock preparation for textile recycling.
- **Recycling at industrial scale:** How global investments in fibre regeneration and recycling infrastructure are supporting commercial-scale adoption.
- **Manufacturing integration:** How spinning and production technologies are adapting to process recycled fibre and integrate recycling systems into mainstream textile manufacturing.
- **The road ahead:** Why scaling fibre-to-fibre recycling requires more than technology and includes infrastructure, industry collaboration and stronger market alignment.

[Read the Full Industry Insight](#)

The Future of Textile Manufacturing Will Be Increasingly Integrated

The rapid evolution of textile recycling reflects a broader transformation across the textile industry. Standalone technologies are increasingly converging into integrated manufacturing ecosystems.

From spinning and weaving to garment making, finishing, and recycling, manufacturers are looking for scalable, intelligent and future-ready production solutions.

At ITMA 2027, technology providers across the textile value chain will connect with global manufacturers, mill owners and decision-makers seeking solutions that support productivity, flexibility and long-term competitiveness.

Position your business alongside industry leaders shaping the future of textile manufacturing.

[Position Your Technologies at ITMA 2027](#)

Live Webinar

Scaling Textile-to-Textile Recycling: From Fibre Innovation to Factory Implementation



ITMAconnect

Scaling Textile-to-Textile Recycling:
**From Fibre Innovation to
Factory Implementation**

18 June 2026, Thursday
2:00 PM - 2:45 PM CEST

[RSVP Now](#)



As textile-to-textile recycling moves towards industrial implementation, the challenge is increasingly about scaling recycled fibres into stable, commercially viable manufacturing systems.

This live webinar brings together practitioners across recycling, spinning and textile manufacturing to examine what it really takes to scale recycled fibres beyond trials and into factory reality.

The discussion will also explore the growing role of sorting, automation and manufacturing integration in enabling scalable circular textile production.

Topics include:

- Feedstock limitations such as mixed materials and contamination
- Variability in recycled fibre quality and processing consistency
- Adjustments required in spinning, dyeing and manufacturing processes
- Impact on efficiency, quality and production stability at mill level
- Cost competitiveness versus virgin fibres
- Certification requirements and supply chain alignment challenges

Join the live session and engage directly with industry experts during the audience Q&A.

18 June 2026 | 2.00pm - 2.45pm CEST

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