

What the passport records

One passport per product, with verified data that anyone in the value chain can trust:

- **Fibre origin and composition**
- **Verified recycled content**
- **End-of-life pathways**
- **CO₂ · water · energy footprint (LCA)**

Built on the CircularPass platform, aligned with the EU Ecodesign Regulation (ESPR) and Waste Framework Directive.



Scan the QR to follow the project

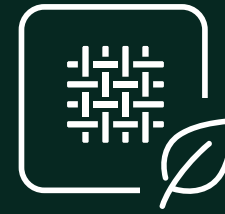
A consortium of 8 partners

Technology, recycling, manufacturing, clustering and legal expertise across Spain, Bulgaria and the Netherlands, coordinated by Blue Room Innovation.



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LIFE DPP-TEX

DIGITAL PRODUCT PASSPORT
FOR TEXTILE CIRCULARITY AND TRACEABILITY

From textile waste to traceable circular products

Tracking fibre origin, composition and end-of-life with Digital Product Passports for circular textiles

27 t
waste processed

60,000
circular products

LIFE PROGRAMME · 2026–2028

■ The problem

The EU generates 6.9 million tonnes of textile waste each year. Only 12% is collected separately, while the rest is incinerated or sent to landfill, with no verifiable data on what products are made of or where they ultimately end up.

6.9M t

waste / year in the EU

12%

separately collected

27 t

textile waste processed in two industrial pilots

60,000

circular products, each with its own digital passport

■ Two industrial pilots

PILOT 1 · BULGARIA

Closed-loop home textiles

TexCycle + Kalinel recycle used home textiles into new products, up to 100% recycled content.

Collect



Recycle



New product

PILOT 2 · SPAIN

Multi-path workwear

ALSICO + EIG reuse, upcycle and recycle discarded Barcelona municipal uniforms (BSM).

Reuse

Upcycle

Recycle

■ Impact by 2028

110 t

CO₂ avoided

6.3M L

water saved

1.9M MJ

energy saved

10

new green jobs

And beyond: replication roadmaps will transfer the model to other EU regions and to sectors such as furniture and mattresses.