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rematrix

THE PRODUCER RESPONSIBILITY ORGANIZATION
FOR THE ACTIVE MANAGEMENT
OF TEXTILE PRODUCTS' END OF LIFE



Textile EPR

Following the strategy and directives set by the European Union regarding sustainable textile products, the Italian Ministry of the Environment and the Ministry of Enterprises and Made in Italy have presented a draft decree to establish the **Extended Producer Responsibility (EPR)** scheme.

The aim is to prevent and reduce environmental impacts resulting from the design, production, and management of textile products at the end of their life cycle.

Starting from the end of 2024, the upcoming decree will make producers of clothing, footwear, accessories, leather goods, and home textiles responsible for collecting post-consumer textile products nationwide and ensuring their proper treatment. This can be achieved through agreements with the public collection system to intercept segregated urban waste, as well as organized collection directly at points of sale.

Producers will also be required to invest in research and development initiatives aimed at improving the sustainability of the textile sector. This may include enhancing recycling technologies, adopting business models that extend product life, and optimizing resource utilization.

The decree further stipulates that producers should monitor, communicate, and report data related to the collection and treatment of textile waste to ensure traceability

throughout the process and accurate reporting of environmental performance.

To achieve cost reduction and effective waste management, businesses have the option to form producer responsibility organizations, with each producer contributing an amount proportional to the quantity and quality of products put into the market.

Rematrix, active end of life management

In response to these requirements, **Rematrix Producer Responsibility Organization** has been established. By joining Rematrix, companies in the fashion industry, particularly in footwear and sportswear, can transform regulatory obligations into growth opportunities and actively participate in projects for the development of new technologies for circular solutions.

Rematrix offers **a collective system with a strong industrial framework where companies come together to effectively and efficiently manage the life cycle of their products.** Beyond ensuring regulatory compliance, **Rematrix aims to empower companies to actively manage their sustainability and circularity strategies at European level.**

Rematrix, structured supply chain for circular solutions

Unique benefit

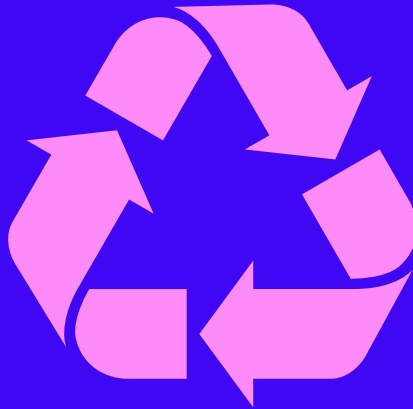
- Services to give products a second life
- Recycling for material reuse
- One stop solution for compliance at international level

Collecting / Take back

Collection at urban service or private chains

Ecodesign

Design support for the reduction of the environmental impact



Sorting

Selection of post-consumer products and directing them to the various recycling channels

Recycling

Development of both Open and Closed loop systems

Rental and Second Hand


Support in the development of new business models to extend the product life cycle

Rematrix, Compliance By Design

Rematrix, supported by Innovando, provides a proprietary management software, **iSystem**, that guarantees and simplifies regulatory compliance and producer responsibility. The system **optimizes and automates document management, compilation, and archiving, ensuring data reliability and full product traceability** throughout its life cycle from collection to reuse and recycling. It also offers real-time data updates and a unified digital platform to engage all stakeholders in the textile supply chain, from operators to companies.



iSystem

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KPI

compliance kpis updated in real time and shared through the dashboard



LCA

calculation of environmental impact according to indicators ISO 14040-14044 scheme (recommendation 2013/179/EU)



Commercial opportunities

market dynamics analysis

Rematrix, engagement and involvement in research endeavors

The Rematrix Producer Responsibility Organization, in collaboration with Innovando and its extensive network of technical and scientific partners, **provides a streamlined engagement in research projects. These projects are supported by environmental contributions aiming to foster the development of innovative technologies and economically viable circular solutions.**

Life Re-Shoes is one of the innovative projects, where Innovando is technical and strategic partner.

THE SCOPE OF THE PROJECT

To provide an alternative, circular and sustainable solution to give a new life to used shoes, by introducing virtuous practices as a new standard in the footwear industry supply chain.

RESHOES
BY SCARPA

**A WAY TO GIVE
NEW LIFE
TO WORN
FOOTWEAR.**

LIFE RE-SHOES
ID:101074529



OUR PARTNERS



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA



SCIARADA



RUBBERMAC®



innovando



RUBBER
CONVERSION

epsi^{eu}






SCARPA®

Innovando is an innovative SME that offers industrial services and innovative levers to implement circular production models and improve the sustainability of processes and products.

Founded in 2013, Innovando responds to industrial waste needs **by offering solutions and technologies for the complete physical and digital management of end-of-life products and materials.**

Our services are divided into 4 business units:

<p>EPR Compliance</p>	<p>Alternative Fuels</p>	<p>Waste management</p>	<p>Post consumer take back solutions</p>
			

Rubber Conversion is an independent company **established by Innovando** to develop the most sustainable way to reuse rubber.



Rubber Devulcanisation Technology

Our trusted network

Service partners



Consulenza e europrogettazione



Stakeholder platform nazionale



Stakeholder platform internazionale





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