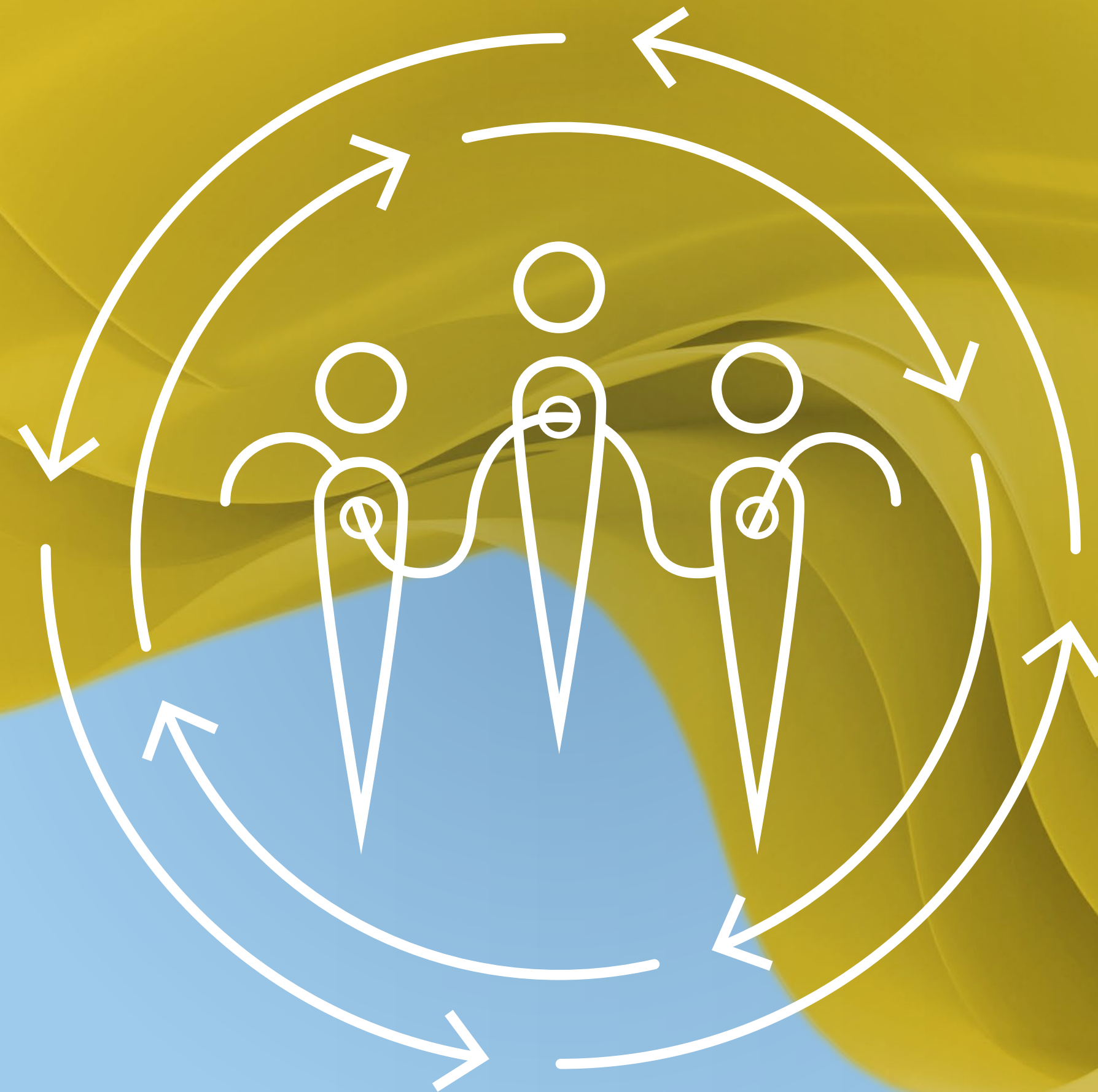


SDA Bocconi  
SCHOOL OF MANAGEMENT

**SUSTAINABILITY LAB**  
MONITOR FOR CIRCULAR FASHION



# Circular Fashion **MANIFESTO** **2024**

Best practices update



# Monitor for Circular Fashion (M4CF) 2024 Partners

## Signatory Partners



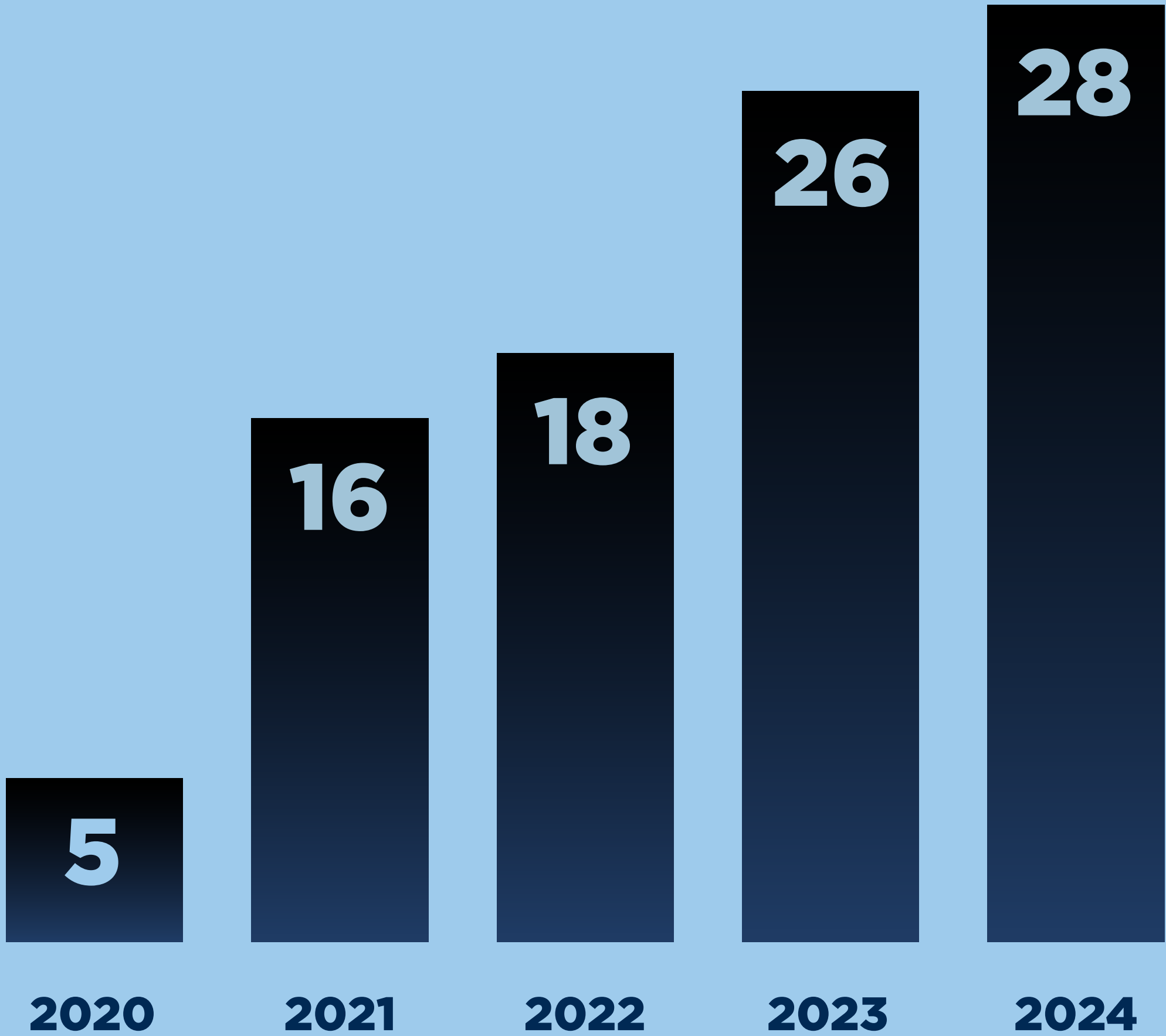
## Signatory KPIs Committee



## Research Technical Partners



# Signatories



NUMBER OF PARTNERS

# Key Facts



<sup>(1)</sup> UNIC data is excluded from the figures reported above. UNIC represents the Italian tanneries whose figures are 4.3 Billion EUR and 17,882 employees in 2023.



# Introduction

The M4CF is a multi-stakeholder scientific and technological community of SDA Bocconi School of Management Sustainability Lab involving leading companies in the fashion industry and players in its supply chain.

The M4CF disseminates the best practices of circular fashion, promoting technical, managerial and scientific skills, contributing to the transition towards circular business models.

[www.sdabocconi.it/circularfashion](http://www.sdabocconi.it/circularfashion)





The following **Circular Fashion Manifesto** is answering the UNECE “Sustainability Pledge” inviting all actors in the garment and footwear industry to take action for traceability and transparency, in order to accelerate the sustainability and circularity of value chains in this industry, in line with **the United Nations 2030 Agenda for Sustainable Development**. The initiative aims at establishing a mechanism to support the uptake of measures in the **UNECE Recommendation No. 46** as well as relevant UN/CEFACT standards, and to support the monitoring of their implementation.

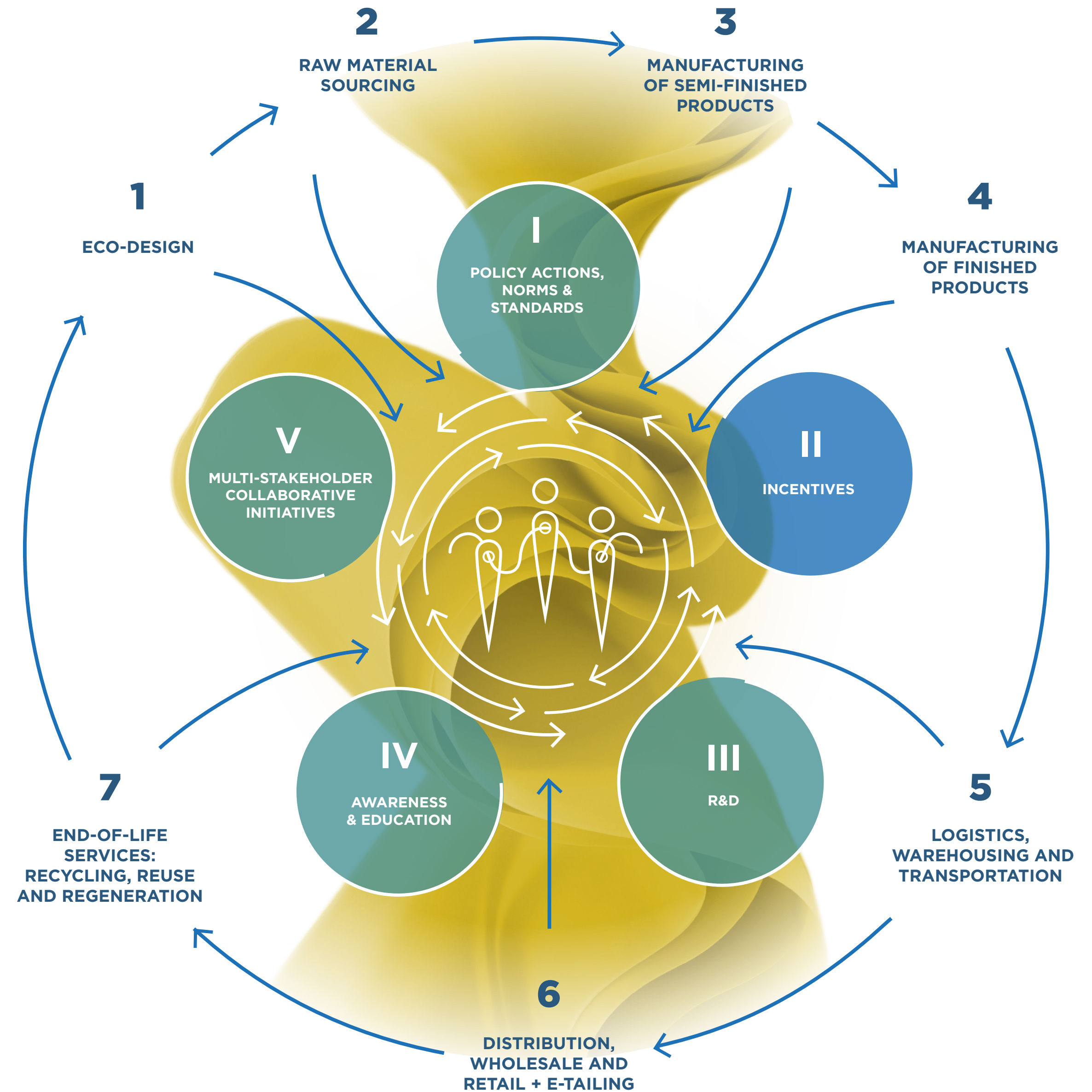




The 2021 Circular Fashion Manifesto presented the specific actions referring to 4 out of 5 measures of the UNECE Recommendation N.46:

- I. Policy Actions, Norms & Standards
- III. R&D
- IV. Awareness & Education
- V. Multistakeholder collaborative initiatives

For the fourth year, the Partners of the Monitor for Circular Fashion present their traceability and transparency commitment to the UNECE Sustainability Pledge.

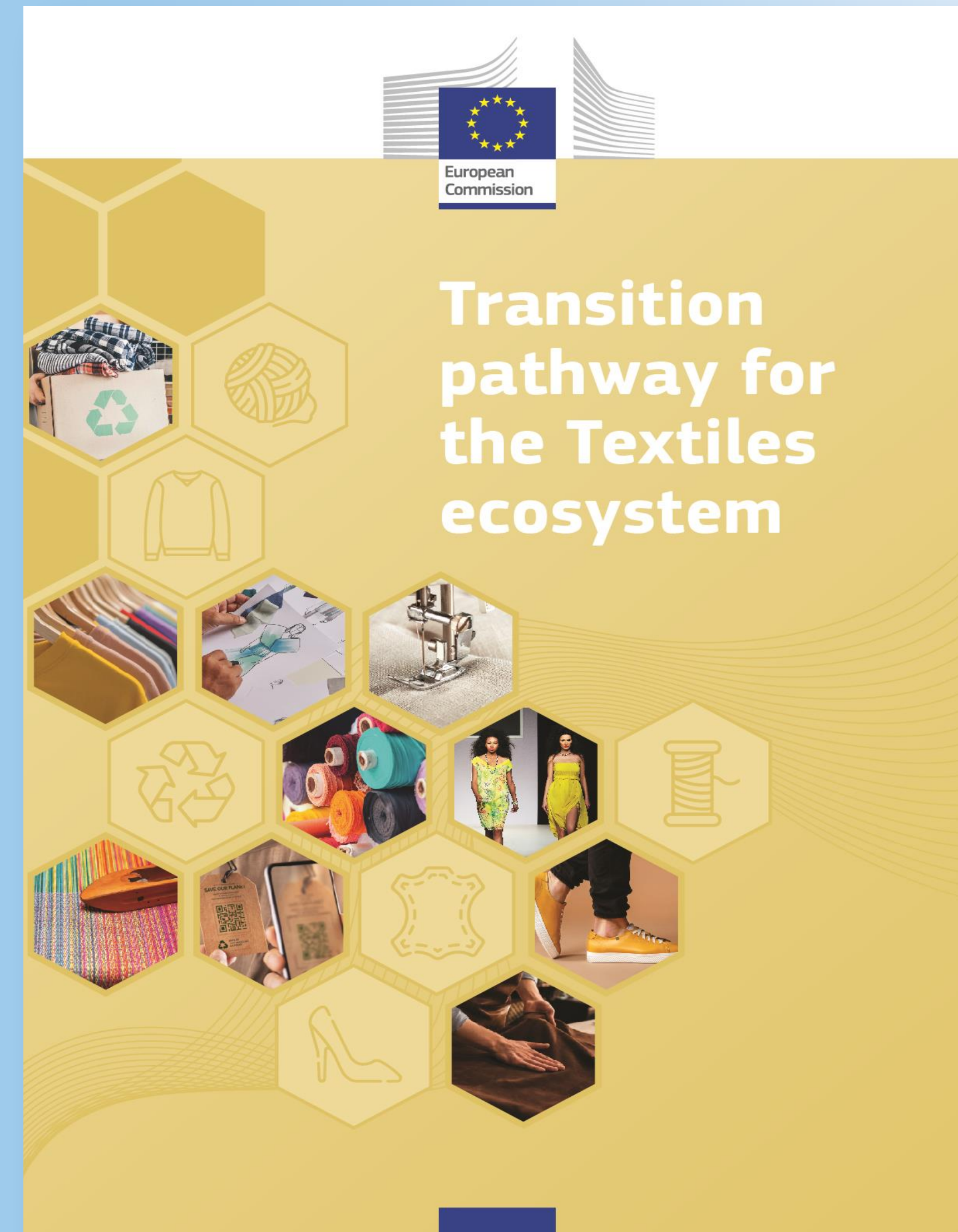




The **Textiles Ecosystem Transition Pathway (TTP)** was published by the European Commission on 6th of June 2023. The policy report includes 50 specific actions to support the twin transitions and the long-term resilience and competitiveness of the textiles ecosystem.

The Companies of the M4CF are also presenting their Pledge to the European Commission call for commitments for stakeholders in the textiles ecosystem, highlighting the consistency of the existing "Circular Fashion Manifesto" and the related actions already implemented since 2021, with 8 actions identified in the TTP.

**The 8 selected Actions are related to 5 out of 8 TTP building blocks.**





## **BUILDING BLOCK 1:** SUSTAINABLE COMPETITIVENESS

**1. Promote, support and implement circular and sustainability practices, services and business models**, including social economy enterprises (such as product-as-service models, take-back services, second-hand and repair services, innovative sorting and recycling) including through Horizon Europe, LIFE, and the "ReSet the Trend #ReFashionNow" campaign and actions from the Social Economy Action Plan.

**11. Create more demand for sustainable products and onboard consumers in the green transition** by launching consumer campaigns to create awareness and to reshape consumption patterns including under the motto ReSet the Trend #ReFashionNow, as well as supporting emotional durability by designing products that people want to keep.

## **BUILDING BLOCK 2:** REGULATION AND PUBLIC GOVERNANCE

**14. Follow-up on actions in the EU Strategy for Sustainable and Circular Textiles**, including specific ecodesign requirements, the Digital Product Passport, circular and sustainable management of textile waste and possible extended producer responsibility rules, and encourage industry participation in the relevant consultations.

**16. Finding common methods to assess and compare the sustainability performance** of textile products in the context of the foreseen ecodesign requirements.

**17. Improving traceability and transparency in the textile value chain through the proposed Digital Product Passport.**

## **BUILDING BLOCK 3:** SOCIAL DIMENSION

**21. Support up-and reskilling, access to lifelong learning and training opportunities** through for example, the EU Pact for Skills for the Textiles ecosystem, to ensure workers are skilled for the twin transition.

## **BUILDING BLOCK 4:** R&I, TECHNIQUES AND TECHNOLOGICAL SOLUTIONS

**25. Increase access and interaction of SMEs in the textiles ecosystem** to/with tech support structures (for example through tech federations, digital innovation hubs, campuses, incubators, clusters, industry alliances).

## **BUILDING BLOCK 5:** INFRASTRUCTURE

## **BUILDING BLOCK 8:** ECOSYSTEM'S READINESS TO SUPPORT EU STRATEGIC AUTONOMY AND DEFENCE EFFORTS

## **BUILDING BLOCK 7:** INVESTMENTS AND FUNDING

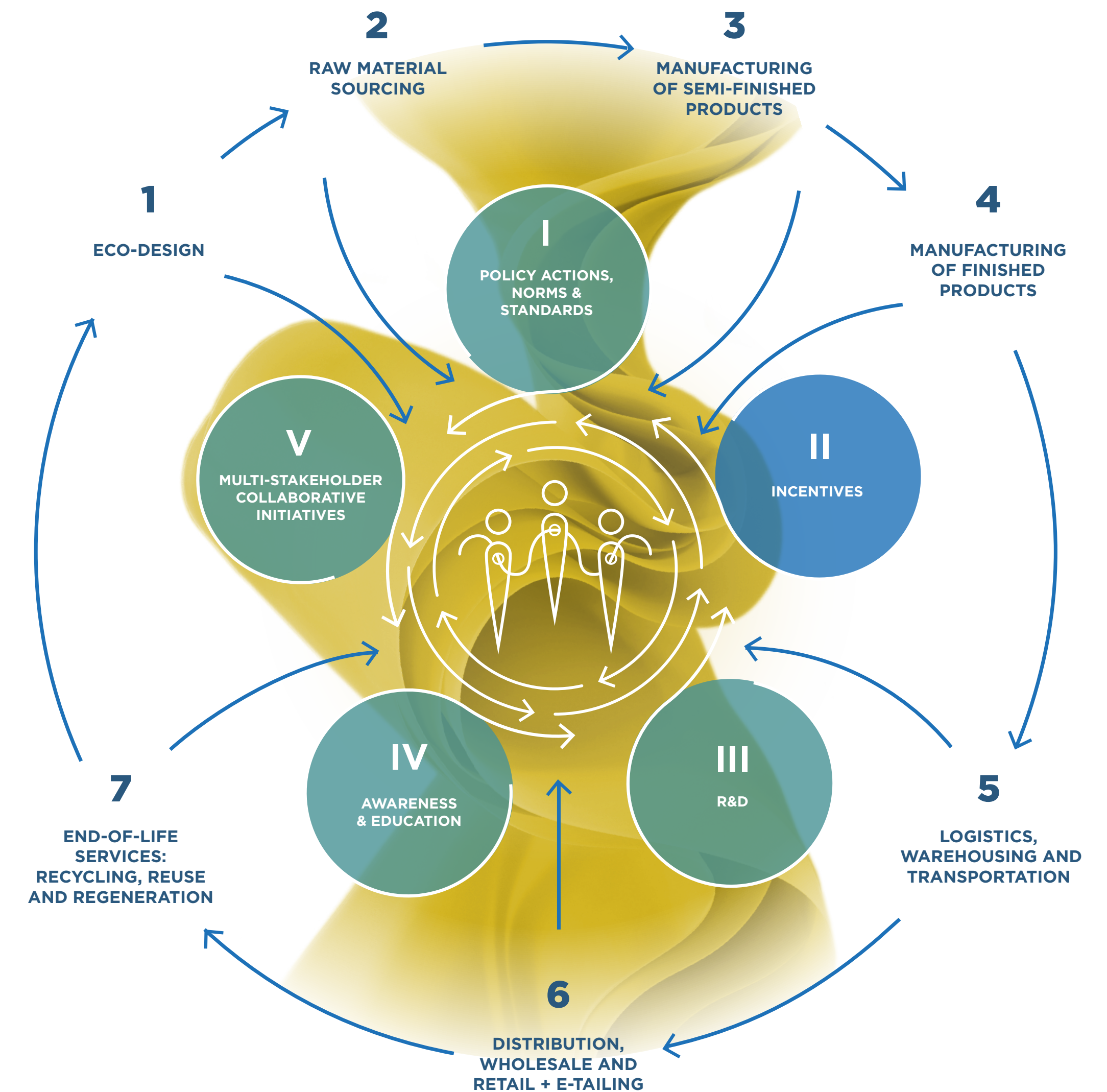
## **BUILDING BLOCK 6:** SKILLS

**40. Organise events and awareness-raising activities on the attractiveness of the sector and new opportunities to work** in the industry around the European Year of Skills.

# The Pledge

The companies participating in the M4CF commit to:

- **gather information** required to positively boost progress towards sustainability and, more importantly, reduce their negative impact on our planet;
- **enhance circularity and sustainability of value chains** through transparency and traceability;
- **implement circular business processes** along their value chains;
- **adopt common indicators<sup>(2)</sup>** to measure progress on circularity in their value chains and report the results;
- **encourage high quality waste management**;
- **promote and implement corporate social responsibility** for pursuing long-term benefits to all stakeholders;
- **raise public awareness and educate all relevant stakeholders** on the positive impacts of sustainable and circular production and consumption;
- **exchange experiences and cooperate** with other multi-stakeholder circular initiatives.



<sup>(2)</sup> The complete KPIs list and guidelines for measuring are available on the website [www.sdabocconi.it/circularfashion](http://www.sdabocconi.it/circularfashion). Each company will decide the timeframe for implementing the KPIs. Companies are committing to select as many KPIs as possible, according to their own business models and the activities of the value chain they are managing. The KPIs have been evaluated and tested through the Monitor for Circular Fashion projects in 2022, 2023 and 2024.



# Company commitments of the M4CF

COMMITMENTS <sup>(3)</sup>				
M4CF companies are committed to develop reliable sustainability claims in accordance with the EU Directive for Empowering Consumers for the Green Transition entered into force on 27 March 2024, the Regulation on Ecodesign Requirements entered into force on 18 July 2024 and the EU proposal of a Directive on Green Claims (March 2023). Circularity projects are a concrete implementation of this overarching commitment.				
CIRCULAR VALUE CHAIN ACTIVITY	COMMITMENTS <sup>(3)</sup>	ACTIONS	SAMPLE TOOLS	MAIN STAKEHOLDERS INVOLVED
ECO-DESIGN	IMPLEMENTING ECO-DESIGN PRINCIPLES	Liaising with multi-stakeholder initiatives focused on eco-design.	Mapping of multi-stakeholder initiatives focused on eco-design. Incentives. Dedicated hubs/forums to promote diffusion of knowledge and best practices.	- Companies - Policy Makers - Associations, Foundations and NGOs
		Indicating which ecodesign principles are implemented at product/process level, substantiating claims with scientific data.	Pilot projects, in accordance with the EU proposal of a Regulation on Ecodesign Requirements (March 2022) and EU proposal of a Directive on Green Claims (March 2023).	- Companies - Policy Makers
RAW MATERIAL SOURCING	MEASURING TRACEABILITY	Measuring traceability by identifying clear and relevant KPIs.	KPIs to measure sustainability and circularity, including compilation guidelines.	- Companies - Technology and service providers - Policy makers
	INVESTING IN R&D	Increasing research on sustainable and circular materials.	R&D investments.	- Companies - Policy Makers - Academia - Technology and service providers - Investors
			ESG principles.	
			Platforms that connect all research centers and academia with innovative solutions and technologies for sustainable and circular fashion.	
			Platforms that connect SMEs and large companies to share knowledge on sustainable and circular fashion.	
			Platforms that connect service providers with companies for Open Innovation. Incentives.	

<sup>(3)</sup> Each company will decide the timeframe for implementing the KPIs. Each company is committing to select as many KPIs as possible, according to their own business models and the activities of the value chain they are managing.

CIRCULAR VALUE CHAIN ACTIVITY	COMMITMENTS	ACTIONS	SAMPLE TOOLS	MAIN STAKEHOLDERS INVOLVED
RAW MATERIAL SOURCING	REDUCING WASTE	Reducing textile and leather waste on total raw material.	Zero waste policies. Platforms that connect demand and supply of pre-consumer and postconsumer waste. Incentives.	- Companies - Policy Makers - Technology and service providers
MANUFACTURING OF (SEMI-)FINISHED PRODUCTS	PERFORMING RESPONSIBLE MANUFACTURING	Enhancing joint commitments on traceability.  Performing and providing training on responsible manufacturing.	Call to Actions on traceability and transparency such as The Sustainability Pledge. Legislation on traceability. Training on responsible manufacturing. Dedicated hubs/forums to promote diffusion of knowledge and best practices.	- Companies - IGOs and INGOs <sup>(4)</sup> - Academia - Associations, Foundations and NGOs - Technology and service providers
	SUPPORTING SHARED AUDITS AND INTEROPERABILITY AMONG PLATFORMS	Supporting shared audits (i.e. mutual recognition of standards) to grant higher efficiency for suppliers and supporting interoperability among auditing platforms.	Shared audits.	- Companies - IGOs and INGOs - Associations, Foundations and NGOs - Technology and service providers
TRANSPORT AND LOGISTICS	ACHIEVING DECARBONIZATION	Adopting recommended methodologies to measure data related to transportation in order to achieve decarbonization, starting from Scope 1, adding KPIs on CO <sub>2</sub> emissions generated during all production phases, not just transport and logistics	Scope 1 calculated according to GHG Protocol and ISO 14064-1. Fleet Electrification analysis aimed at decarbonized mobility and logistic. Incentives.	- Companies - Policy Makers - Final users - Technology and service providers
DISTRIBUTION AND RETAIL	EDUCATING FINAL USERS ON RESPONSIBLE CONSUMPTION	Engaging and educating final users on responsible consumption.	Behavioral campaigns. Mandatory public education on sustainability principles. Micro-influencers campaigns.	- Companies - Policy Makers - Communication agencies specializing in sustainability - Final users
END-OF-LIFE SERVICES	ENGAGING FINAL USERS TO EXTEND THE LIFE OF PRODUCTS	Engaging and educating final users to extend the life of products.	Behavioral campaigns. Mandatory public education on sustainability principles. Micro-influencers campaigns.	- Companies - Policy Makers - Communication agencies specialized on sustainability - Final users

<sup>(4)</sup> International governmental organizations (IGOs) and international non-governmental organizations (INGOs).



# Circularity projects, C-Factor and #ReFashionNow initiatives

Among the several projects implemented during 2024 some are particularly important for the implementation of the Pledge:

## Circularity projects allow to:

- **gather information** required to positively boost progress towards sustainability and, more importantly, reduce their negative impact on our planet;
- **enhance circularity and sustainability of value chains** through traceability and transparency;
- **implement circular business processes** along their value chains;
- **adopt common indicators** to measure progress on circularity in their value chains and report the results;
- **encourage high quality waste management;**
- **promote and implement corporate social responsibility** for pursuing long-term benefits to all stakeholders.

## C-Factor and #ReFashionNow initiatives allow to:

- **C-Factor:** involvement of circular fashion startups through pitching sessions and connection with partner firms.
- **#ReFashionNow:** raise public awareness and educate all relevant stakeholders on the positive impacts of sustainable and circular production and consumption, including SMEs and students.

The strong interconnection with Research Technical Partners and other stakeholders allow the exchange of experiences. The M4CF is willing to strengthen the cooperation with other multi-stakeholder circular initiatives.



# Objectives of the circularity projects

- 1.** Establishing teamwork between ingredient brands, brands & retailers and service providers.
- 2.** Building reliable sustainability claims to fight greenwashing.
- 3.** Implementing and testing industry specific KPIs into a real-life product or service, referring to the Circular Fashion Activities.
- 4.** Implementing the eco-design principles into a real life product.
- 5.** Enhancing circularity through services.

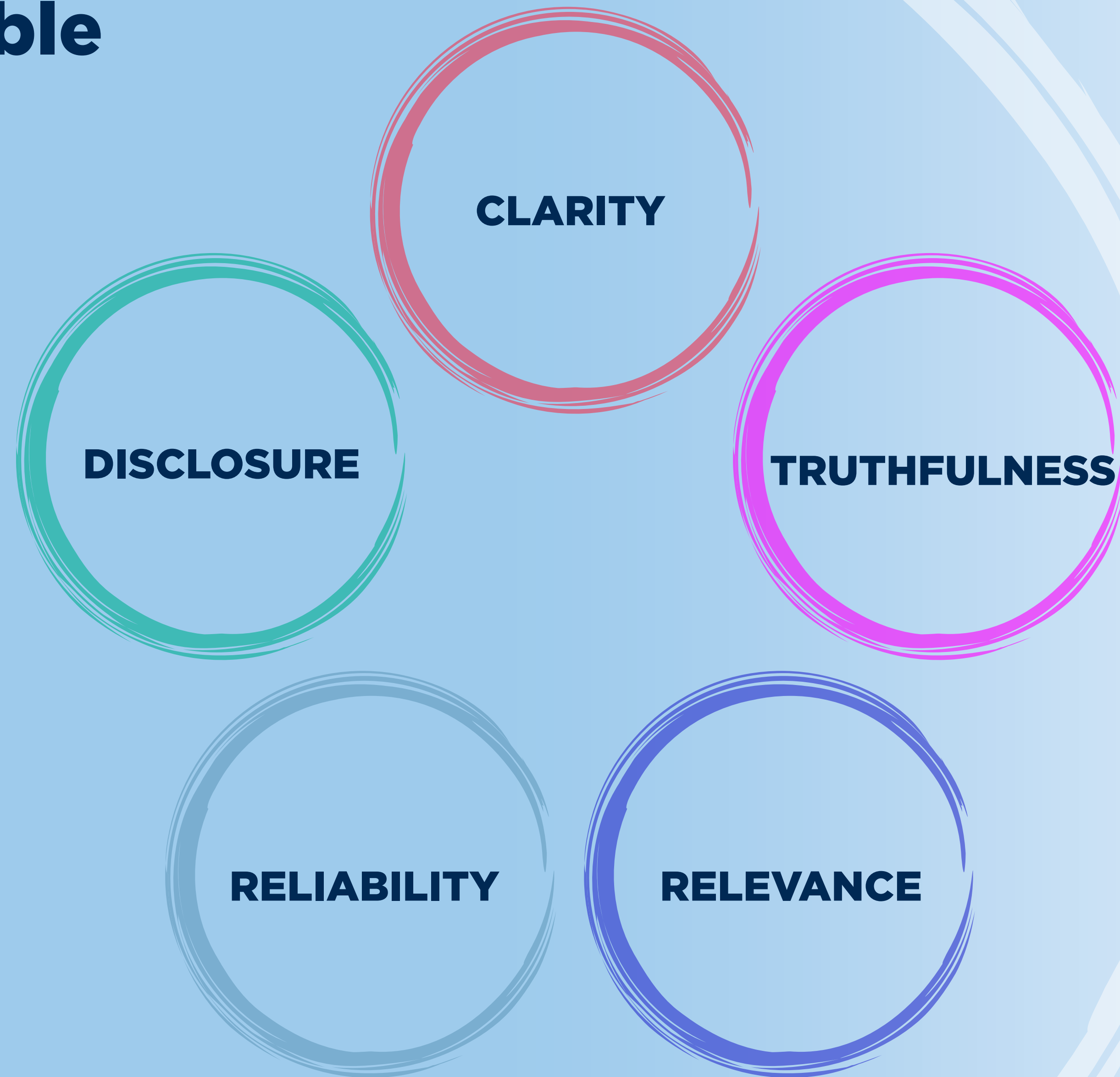


# **1. Establishing teamwork between ingredient brands, brands & retailers and service providers**

The companies have been working in collaboration (at least 2 partners of the Monitor for Circular Fashion) within each circularity project.

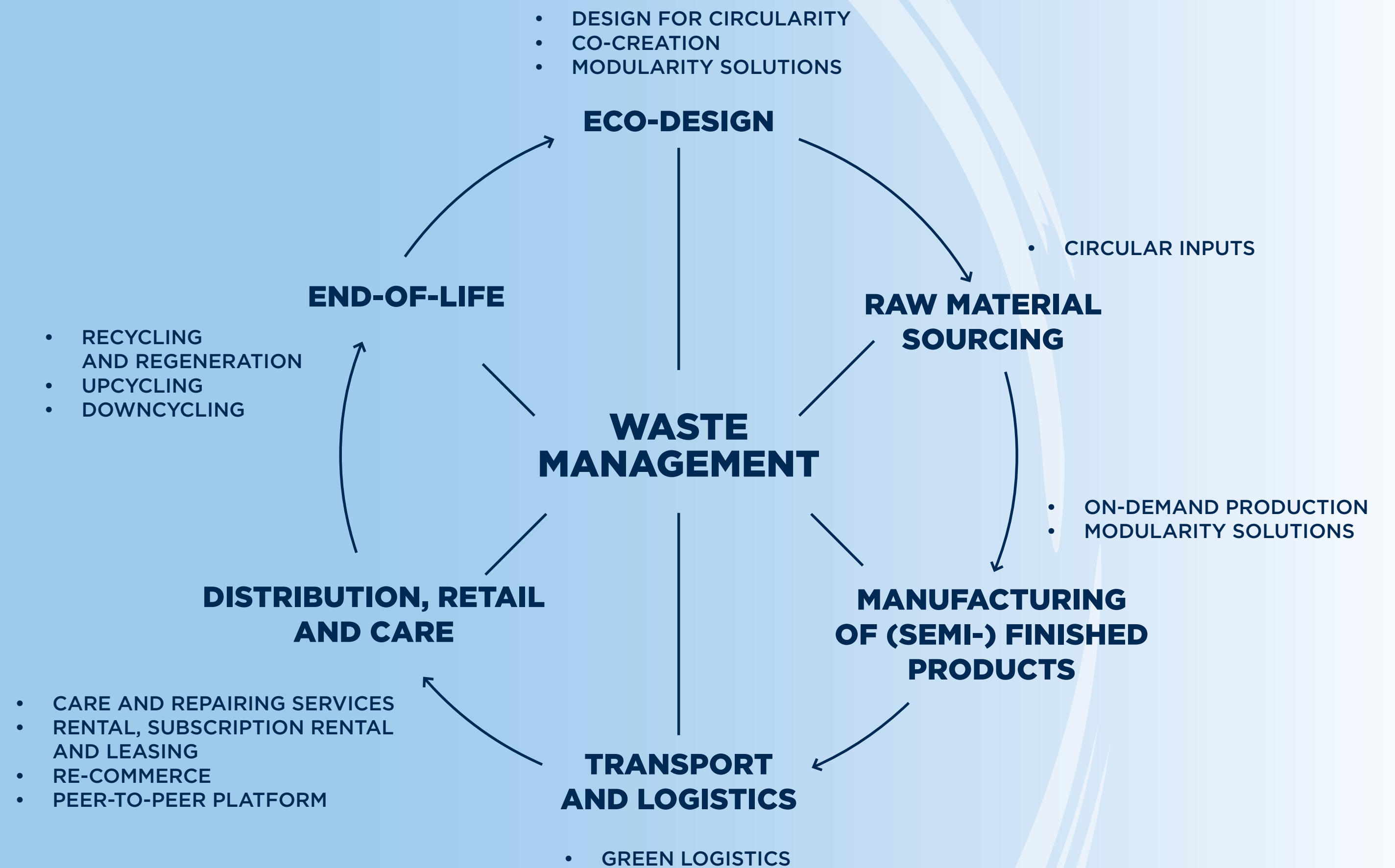
In some projects the partners of the M4CF involved smaller players, external designers and social enterprises, to be supported as Italian best practices of social inclusion and ethical fashion.

## **2. Building reliable sustainability claims to fight greenwashing**





### 3. Implementing and testing industry specific KPIs into a real-life product or service, referring to the Circular Fashion Activities



Source: SDA Bocconi Monitor for Circular Fashion Report 2023.

# KPIs main characteristics

## SMART CCC

**S**PECIFIC

**M**EASURABLE

**A**TTAINABLE

**R**ELEVANT

**T**IME BOUND

+

**C**LEAR

**C**OMPARABLE

**C**OST EFFECTIVE

### PRODUCT

Most of the KPIs are related to the specific products developed for the pilot projects.

### PROCESS

Some of the KPIs are related to the processes taking place in the companies during the year. For instance when the products are B2B and industrialized the KPIs are at process level.



# 4. Implementing the eco-design principles into a real life product

ECO-DESIGN FRAMEWORK		
CIRCULAR LIFECYCLE	HEALTH & SAFETY	SUSTAINABLE INPUTS
<ul style="list-style-type: none"><li>• durability</li><li>• reusability</li><li>• reparability</li><li>• recyclability</li></ul>	<ul style="list-style-type: none"><li>• safe chemical substances</li><li>• minimized microfiber releases</li></ul>	<ul style="list-style-type: none"><li>• renewable inputs</li><li>• recyclable inputs</li><li>• recycled inputs</li><li>• resources reduction</li></ul>



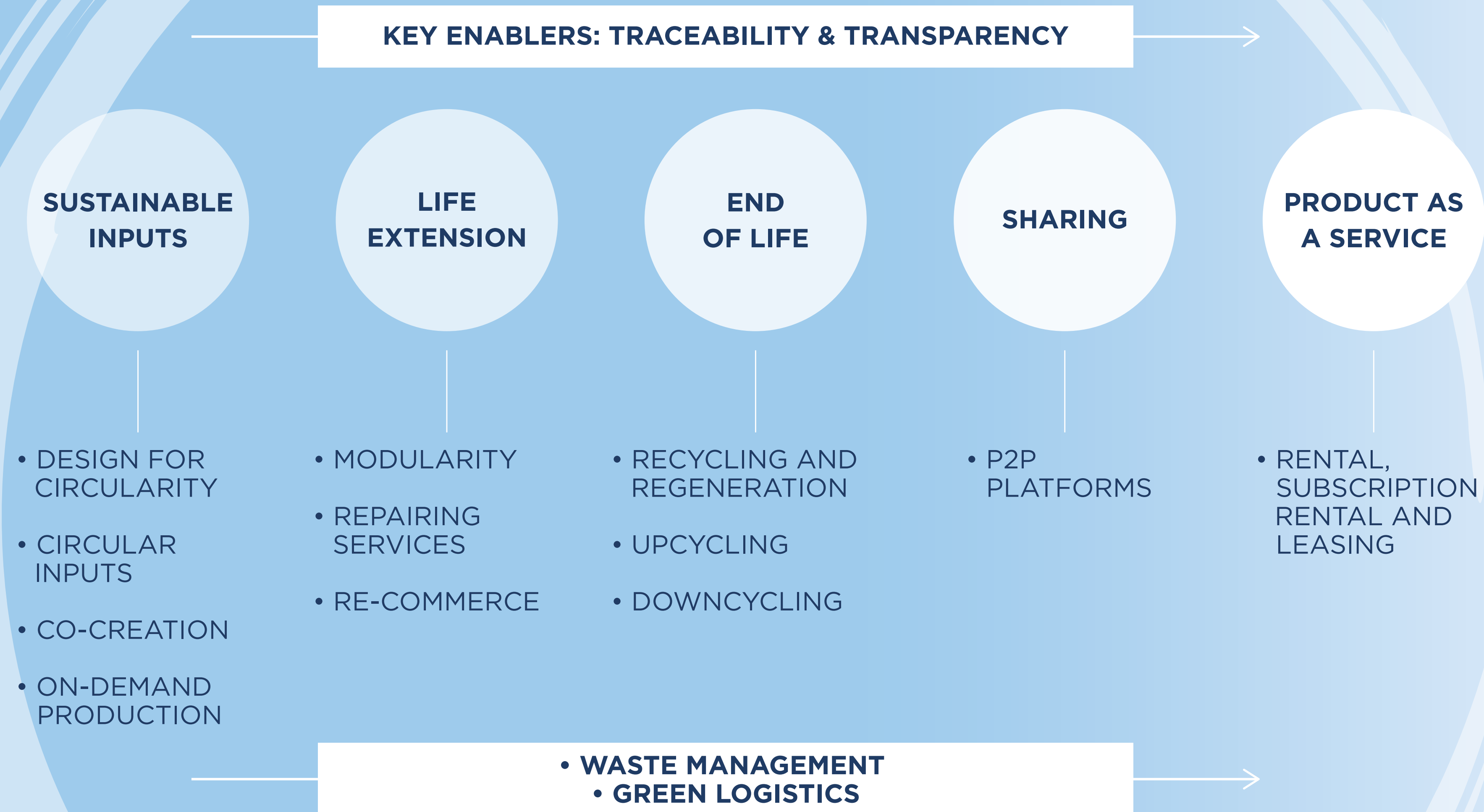
Source: SDA Bocconi Monitor for Circular Fashion Report 2022.

## 5. Enhancing circularity through services

In the M4CF circular projects can also be related to services with reference to one or more of the Circular Fashion Business Models (see next slide).

Traceability and circularity technologies are considered as key enablers for a sustainable transition.





# M4CF 2022-2024 Projects: Typologies

## Business models

**B2B**

Business to  
Business

**B2C**

Business to  
Consumer



PRODUCT

vs



SERVICE

**B2C2B**

Focus on Post  
Consumer Waste  
Resources

**P2P**

Peer to Peer



## Scale

**PILOT PROJECTS**

1 or few SKUs

**INDUSTRIALIZED PROJECTS**

100% of the collection or close



# **M4CF Circular Projects 2022-2024**

- **Think Leather**
- **Eco-designed jeans**
- **Trace me**
- **Repairing T-shirt**
- **Component shoe**
- **Anima**
- **M-Pocket**
- **Re-Gen H**
- **Ela Sweatshirt**
- **Traced Leather Varina ballet flat**
- **One Next Step**
- **Traceable Fiamma Bag**
- **Kintsugi**
- **Digital Product Passport**

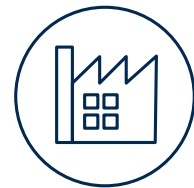




# Think Leather

Leather pencil cases made from leftover

**B2B**



Leather leftovers originating from GAB's unsold stock have been transformed into pencil cases, which were donated to all HModa employees as a Christmas Gift. The main material used in the pencil cases is leather, to which thread and zips have been added for assembly. As a decorative elements:

- logo printing was done by Seriscreen, a company that is part of the HModa Group,
- biodegradable and plantable tag with information related to the product traceability.

These pencil cases have been produced by a social cooperative, Progetto Quid, which promotes inclusive employment and creates opportunities for vulnerable people, as well as realizing their productions only with recycled materials.

## PARTNERS

**HMODA**

**GAB**

**Quid**  
®

**SERISCREEN**  
SERIGRAFIA E STAMPA DIGITALE

**Temera**



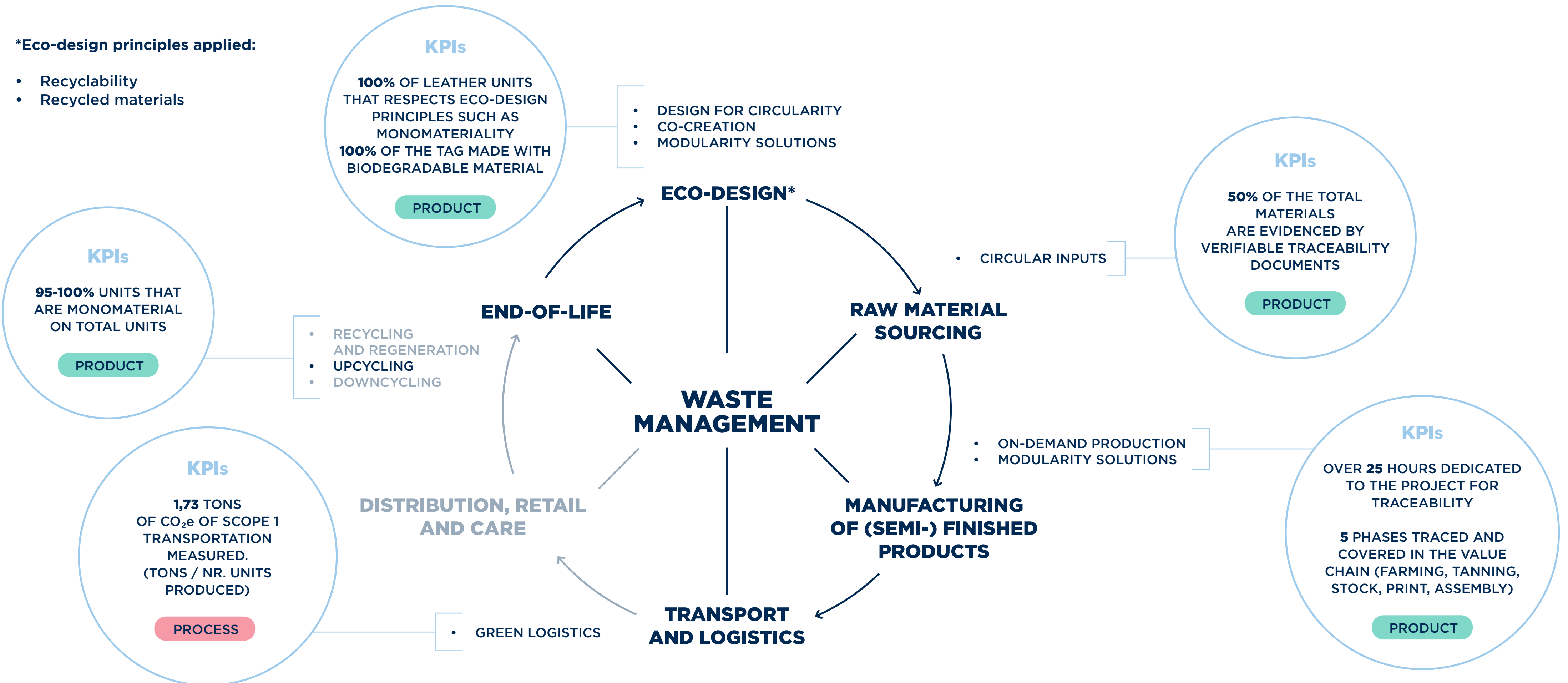
Discover more about this project at this [LINK](#)





# Think Leather

## Circular fashion activities and KPIs



# Eco-designed jeans



Discover more about this project at this [LINK](#)

**B2B**



Integrated supply chain collaboration for light-washed denim jeans, made with 100% certified organic cotton, conceived using eco-design principles and tested for increased durability. Compared to conventionally designed jeans, this eco-designed pair utilizes -84% chemicals and -53% water while actively addressing hazards to worker health and safety.

## PARTNERS



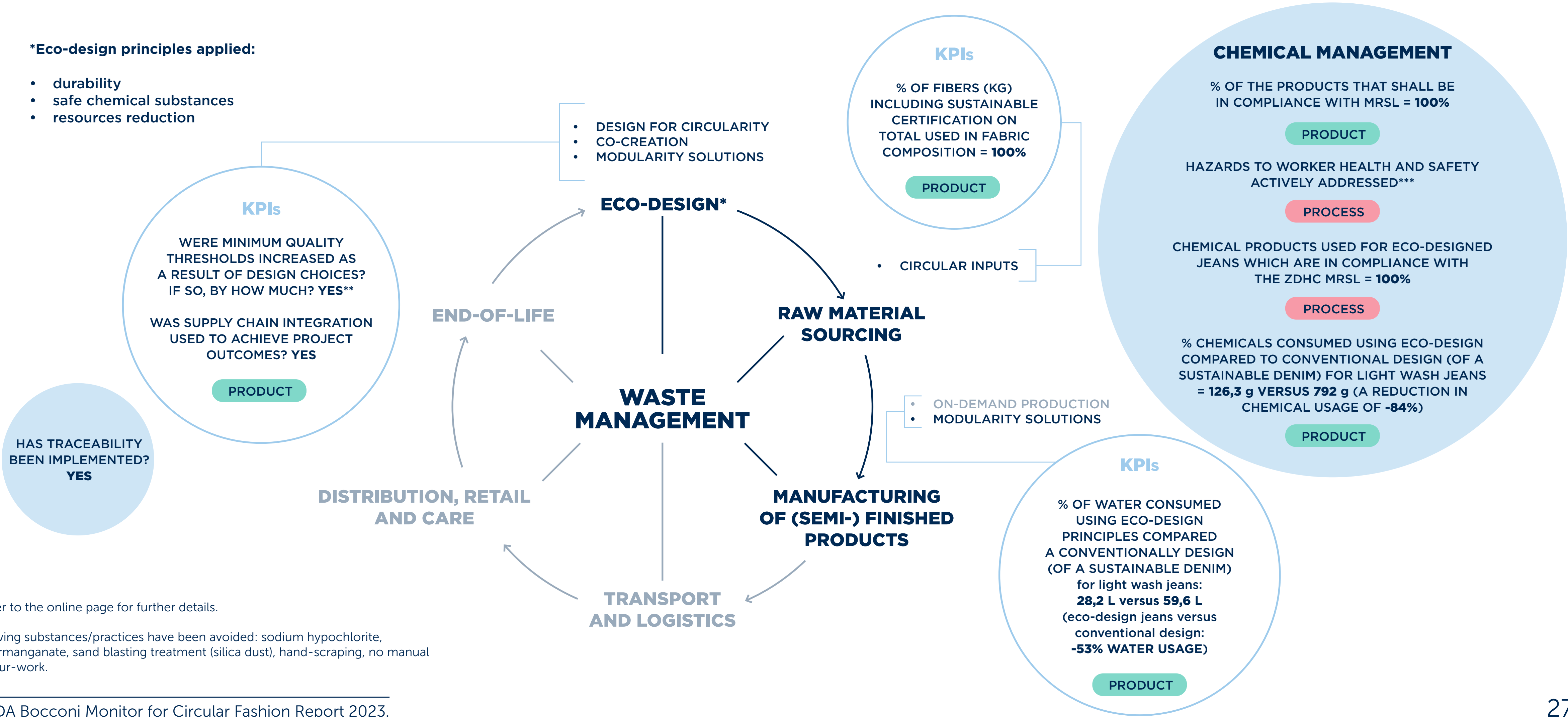


# Eco-designed jeans

## Circular fashion activities and KPIs

\*Eco-design principles applied:

- durability
- safe chemical substances
- resources reduction



\*\* please refer to the online page for further details.

\*\*\* the following substances/practices have been avoided: sodium hypochlorite, potassiumpermanganate, sand blasting treatment (silica dust), hand-scraping, no manual physical labour-work.

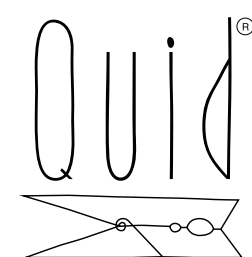
# Trace me



Shopper made with recovered fabric in traceable wool fibres, designed for recycling, manufactured in Italy through fully traceable production steps and assembled by an Italian social enterprise.

## PARTNERS

VITALE 1663  
BARBERIS  
CANONICO



Temera

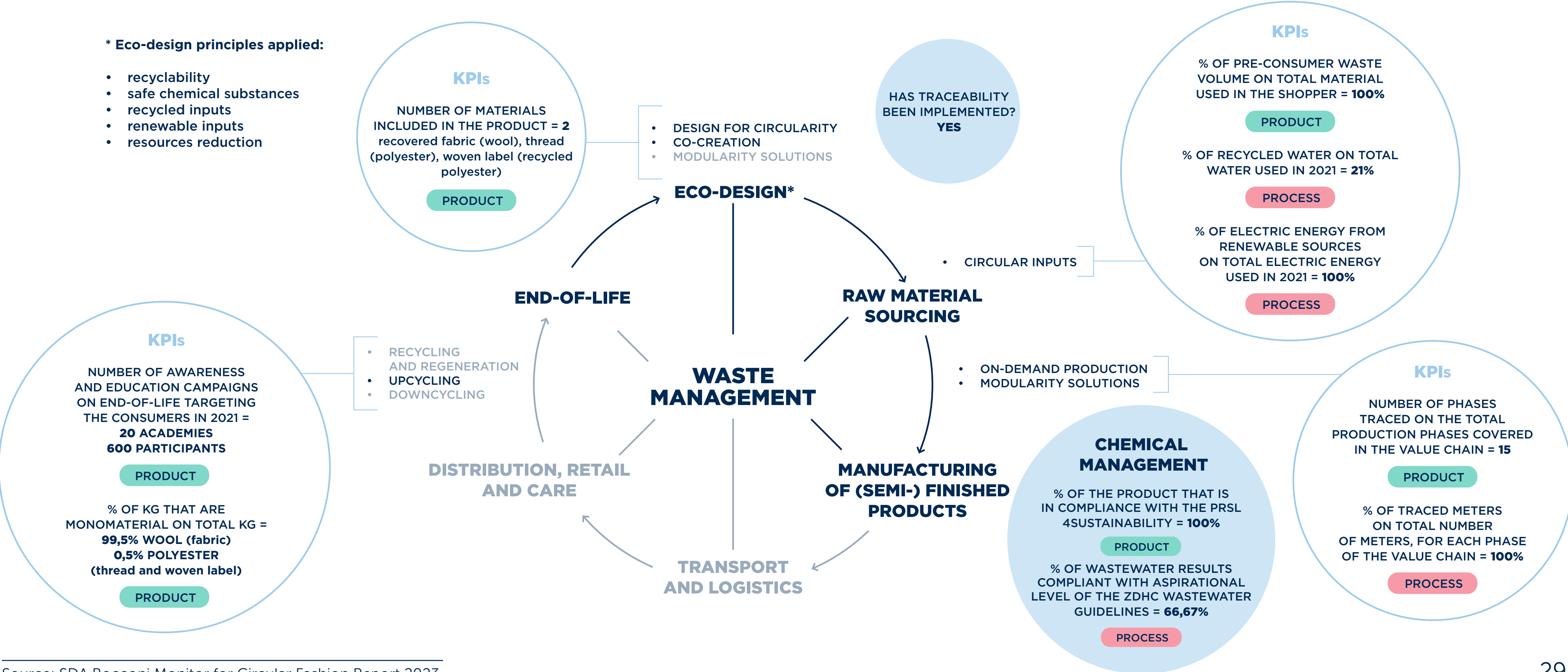
Discover more about  
this project at this [LINK](#)





# Trace me

## Circular fashion activities and KPIs



# Repairing T-shirt



Discover more about this project at this [LINK](#)



T-shirt made of 100% certified organic cotton yarn and upcycled woven patches from waste, fully traceable from farm to shop. Designed to minimize environmental and social impacts and to last for a long time. Repair your t-shirt with the spare patch or return it to the shop for repairing or creative mending services.

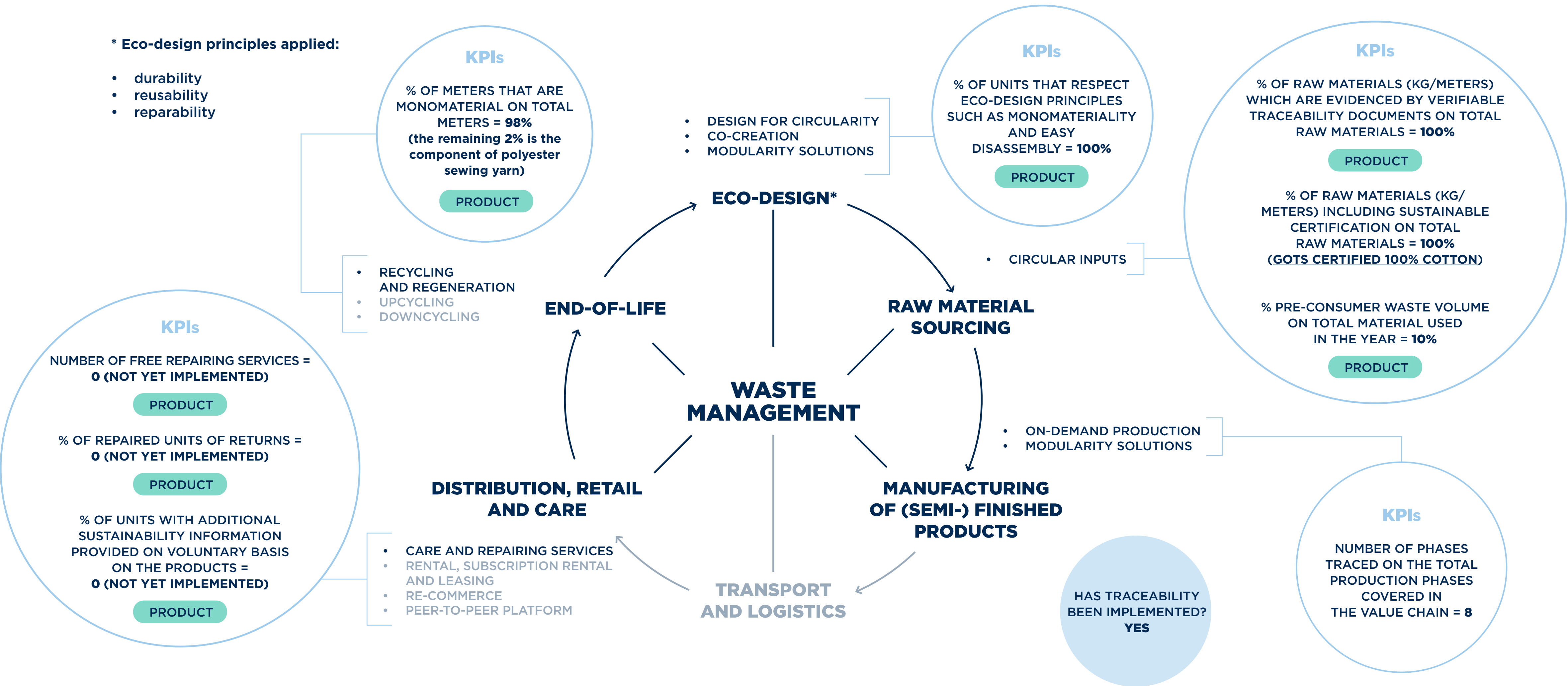
## PARTNERS





# Repairing T-shirt

## Circular fashion activities and KPIs



Source: SDA Bocconi Monitor for Circular Fashion Report 2023.

# Component shoe



Discover more about this project at this [LINK](#)

**B2C**



This shoe, made using only five components, can be easily assembled at home. The upper is made of 100% upcycled cotton denim and cotton thread. The sole is made of natural FSC certified materials. The upper is secured to the sole by a lace made of a blend of cotton and TENCEL™. Fewer overall components enable easy disassembly, reparability, and recyclability at the end-of-life, helping to create a shoe designed with circularity principles.

## PARTNERS

**Candiani**  
DENIM



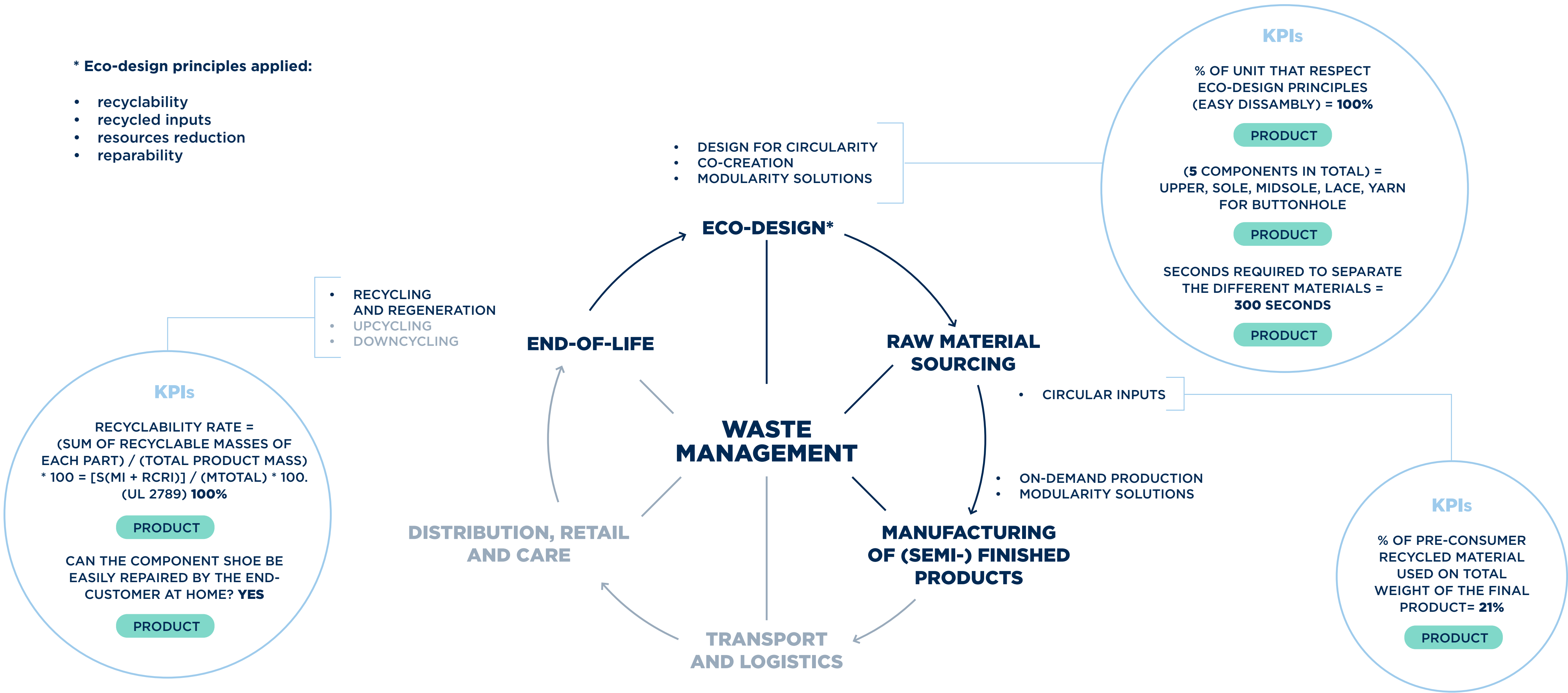
**Temera**





# Component shoe

## Circular fashion activities and KPIs



# Anima

## Double skin for waste saving



Discover more about this project at this [LINK](#)



Anima is a bi-material backpack composed of 100% recycled polyamide fabric, made of 100% recycled polyamide yarn GRS certified and in compliance with Oeko-tex standard 100 for responsible manufacturing, and 100% recycled rubber coming from ISO-compliant standard plants.

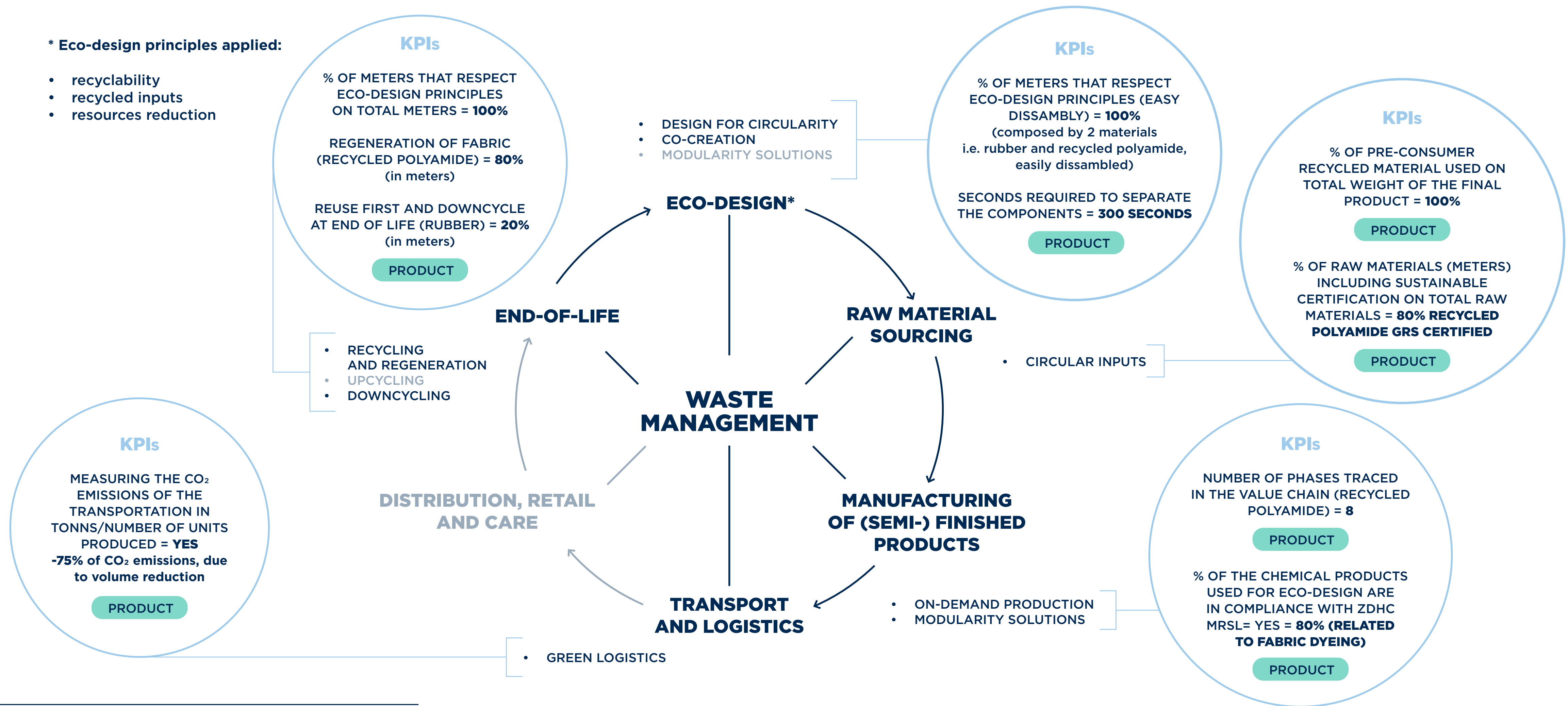
## PARTNERS





# Anima

## Circular fashion activities and KPIs

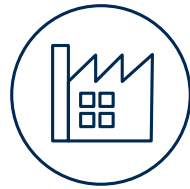






# M-Pocket

**B2B**



Completely recyclable tablet pockets, produced with production waste from industrialized processes. The pocket is produced with MWool® or ReviWool® by Manteco® and Radilon® or Renycle® by RadiciGroup®, depending on the ongoing production.

## PARTNERS

MANTECO®



**Temera**

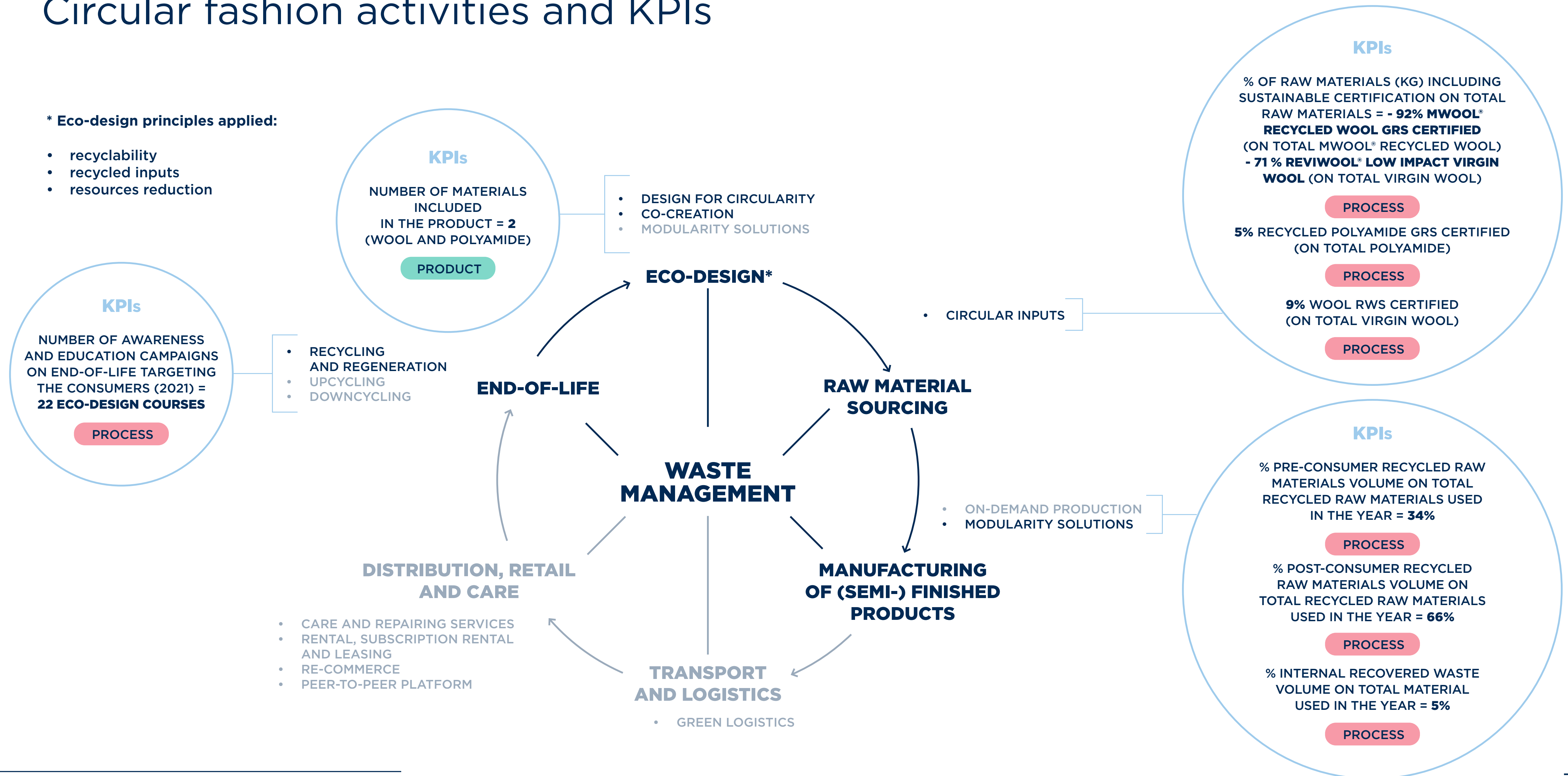
Discover more about this project at this [LINK](#)





# M-Pocket

## Circular fashion activities and KPIs



# Re-Gen H



Discover more about this project at this [LINK](#)



The Re-Gen H project, lead by Hogan, focuses on the development of a shoe that uses, for the upper, Evolo leather from Sciarada tannery, which reuses production waste (9.13%, calculated on the mass of the finished product) otherwise destined to become industrial waste. The new process allows a reduction of 47.7% of CO<sub>2</sub>eq and 68.47% of water compared to the production of the traditional "Softy" product. The sole, produced by Finproject, is made up of EVA (Ethylene Vinyl Acetate resin obtained from bionaphtha from food biorefineries through the recovery of processing waste from vegetable oils, used cooking oils and other organic waste. Compared to the traditional bottom produced with non-bionaphtha EVA resin, it allows a reduction of 10.30% of CO<sub>2</sub>eq kg and 18.90% of fossil resources use.

## PARTNERS





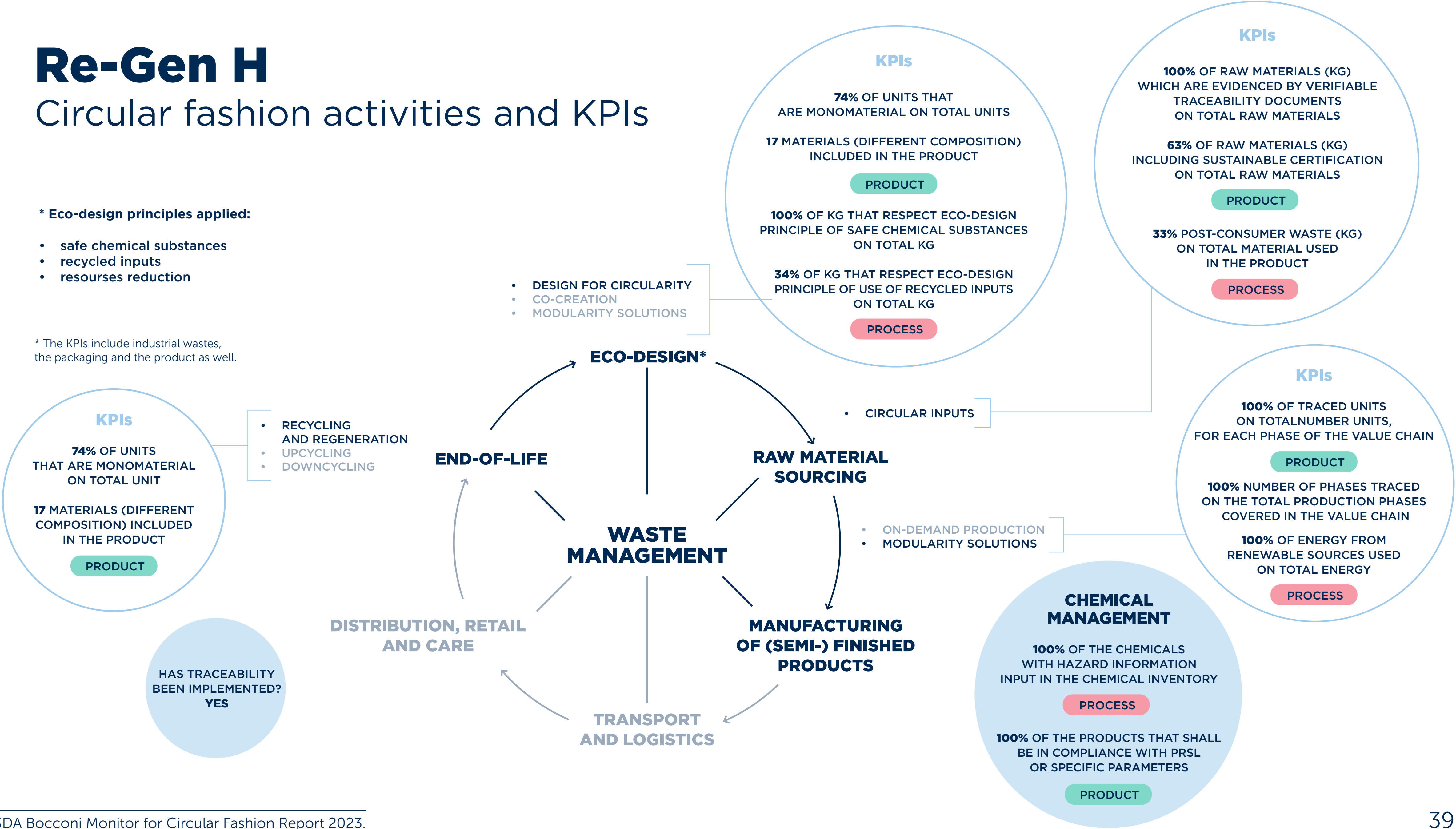
# Re-Gen H

## Circular fashion activities and KPIs

\* Eco-design principles applied:

- safe chemical substances
- recycled inputs
- resources reduction

\* The KPIs include industrial wastes, the packaging and the product as well.




# Ela Sweatshirt



Discover more about this project at this [LINK](#)

B2B

B2C





Sweatshirt composed by 50% organic cotton and 50% mulesing free extra fine merino wool. The product is fully traceable from farm to shop.



## PARTNERS





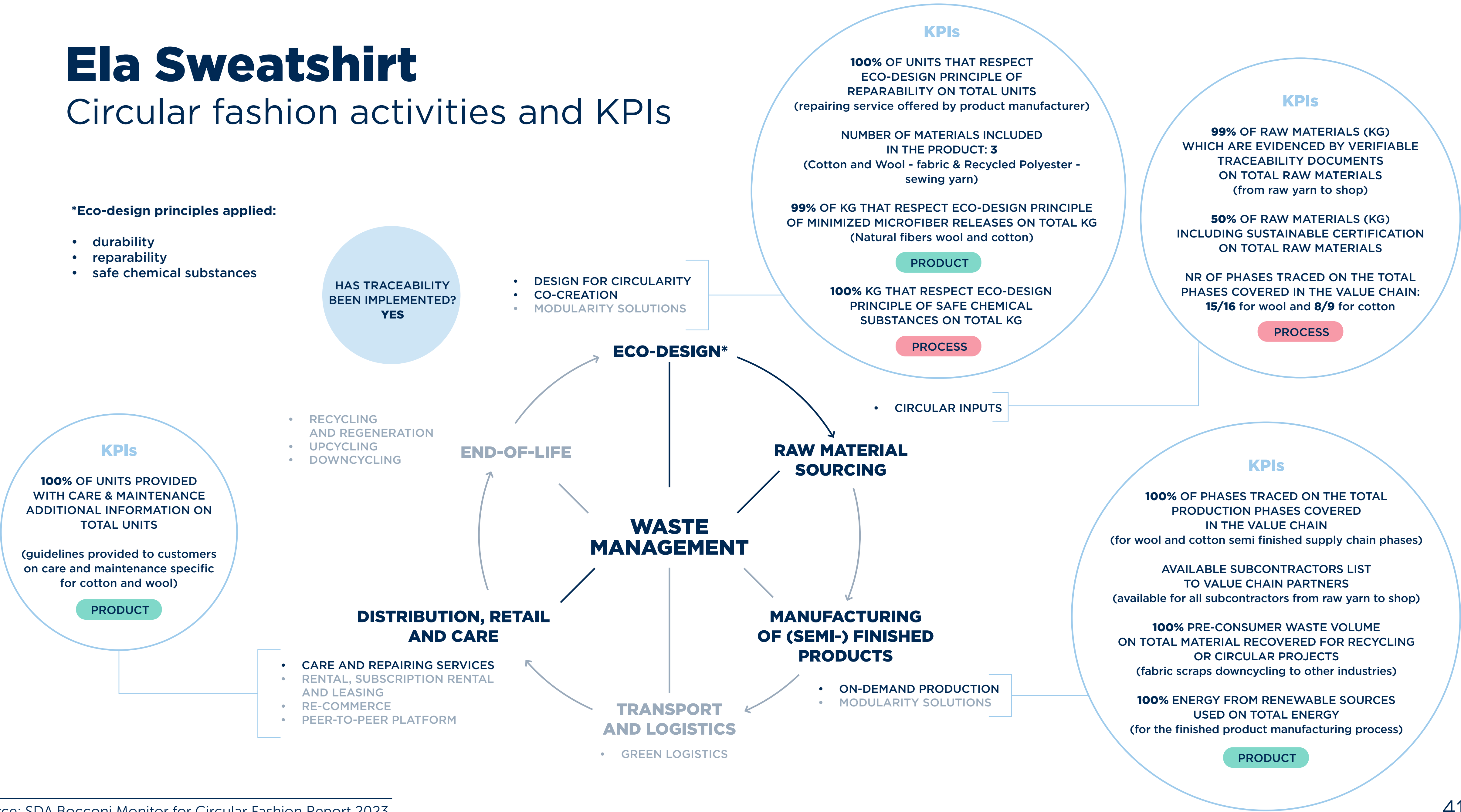






# Ela Sweatshirt

## Circular fashion activities and KPIs



# Traced leather Varina ballet flat



Discover more about this project at this [LINK](#)



The leather sole of this ballerina is UNI 11427\* certified and the viscose used for the Varina bow is FSC certified. 100% of the upper leather has been traced from farming to product assembly. This last phase of the value chain occurred in Ferragamo's Florentine Headquarters, where 100% of energy used comes from renewable sources (solar, ocean and biomass energy), thanks to the purchase of certified energy through guarantees of origin.

## PARTNERS

FERRAGAMO

UNIC  
ITALIAN TANNERIES



Temera



\*UNI 11427:2022 Cuoio - Criteri per la definizione delle caratteristiche di prestazione di cuoi a ridotto impatto ambientale.

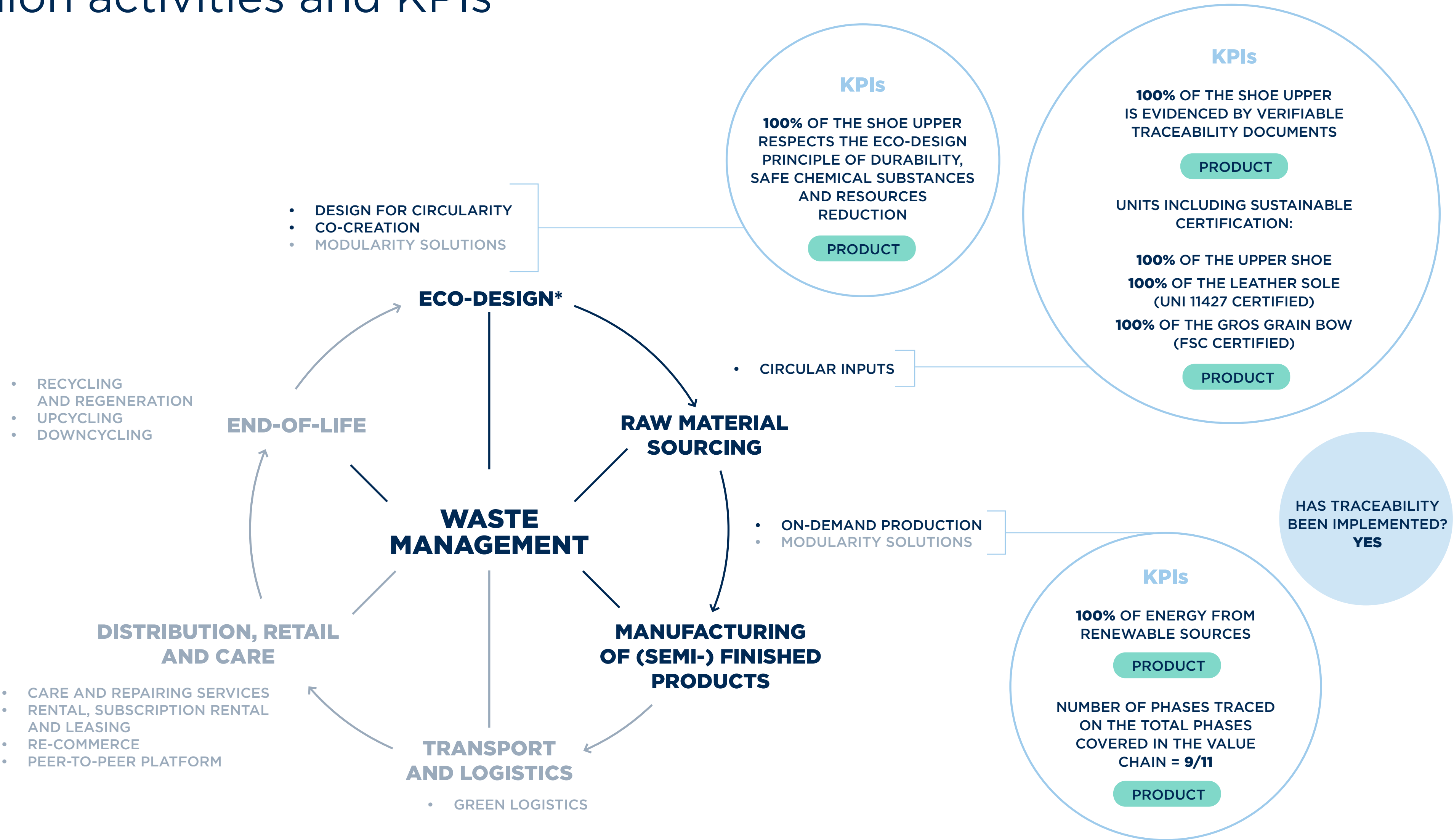


# Traced leather Varina ballet flat

## Circular fashion activities and KPIs

\* Eco-design principles applied:

- durability
- safe chemical substances
- resources reduction



# One Next Step

**B2B**

**B2C**



A joint pilot project co-created by TOD'S Group and Gruppo Mastrotto, aimed at developing an eco-designed shoe model: 79% of components, by weight, has been revised and replaced with alternative materials, currently not used by the Brand, whose environmental impact has been calculated through LCA studies. Gruppo Mastrotto's LCA shows the potential impact on global warming is 12.56 kg CO<sub>2</sub>e/m<sup>2</sup> of finished leather. Completed documented traceability of leather is also guaranteed, as well as leather durability, meeting strict international ISO standards about tear/tensile strength and colour fastness. Both leather by Gruppo Mastrotto and finished shoes' production at TOD'S plants are powered by electricity from 100% certified renewable sources with GOs (Guarantee of Origins). TOD'S also worked on a rubber sole produced by Gommus, with 26,4% recycled content, and on the metal hardware produced by Santoni, comparing steel and brass, and related production technologies; all components have been analysed with LCAs studies.

## PARTNERS



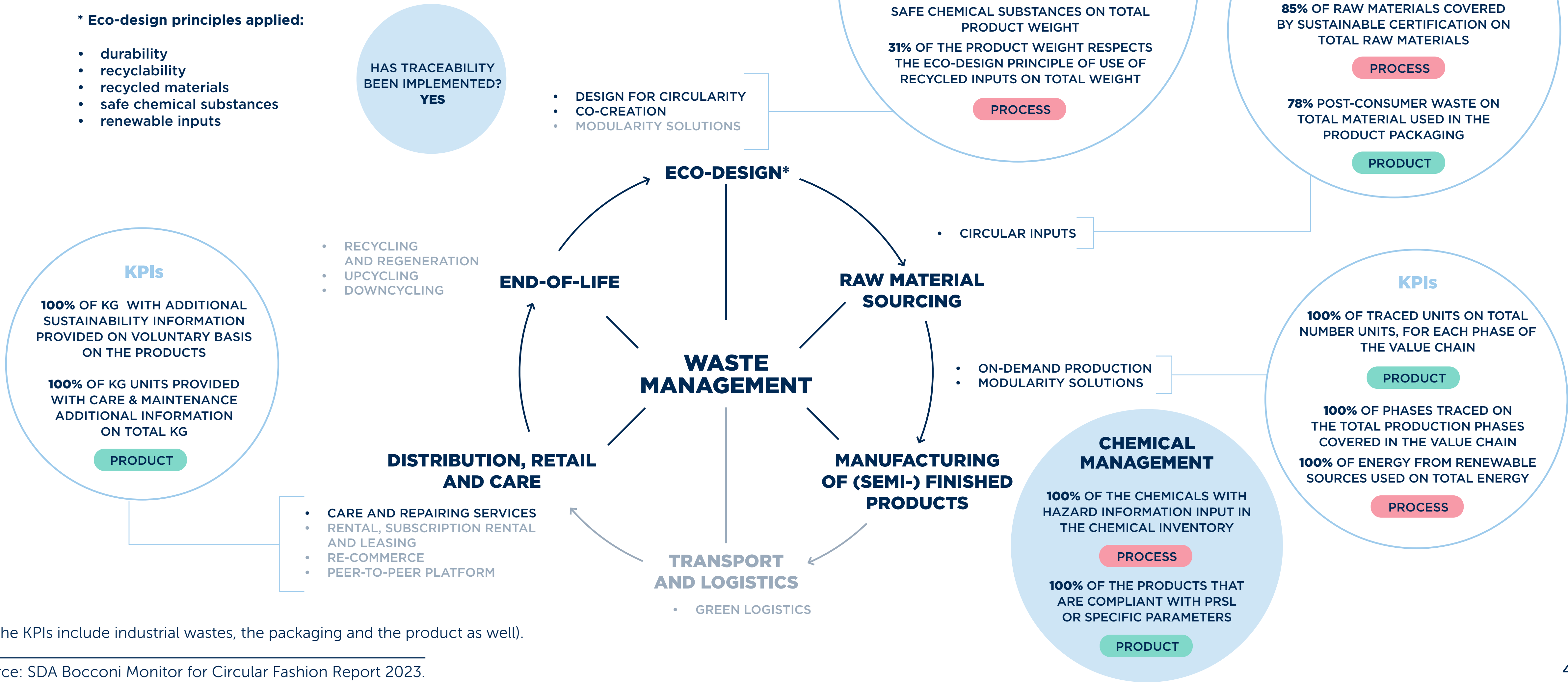
Discover more about this project at this [LINK](#)





# One Next Step

## Circular fashion activities and KPIs\*\*



(\*\* The KPIs include industrial wastes, the packaging and the product as well).

# Traceable Fiamma Bag

## A Deep Dive into Calf Leather Supply Chain Traceability



The calf leather of the Ferragamo Fiamma bag has been traced from farming to product assembly in accordance to ICEC TS\_SC410 standard with the aim to test and validate a Due Diligence management system in compliance with the upcoming Regulation on Deforestation-free products (EUDR Reg. UE 2023/1115). It also respects the eco-designs principles of durability assessed through thoughtful physical and fastness tests in compliance with UNI 10826. In its tanning process, the safe chemical substances used are compliant with the foundational level of the ZDHC framework and the environmental management system of the tannery is ISO 14001 certified.

### PARTNERS

FERRAGAMO

UNIC  
ITALIAN TANNERIES



ANTIBA

Temera

Discover more about this project at this [LINK](#)



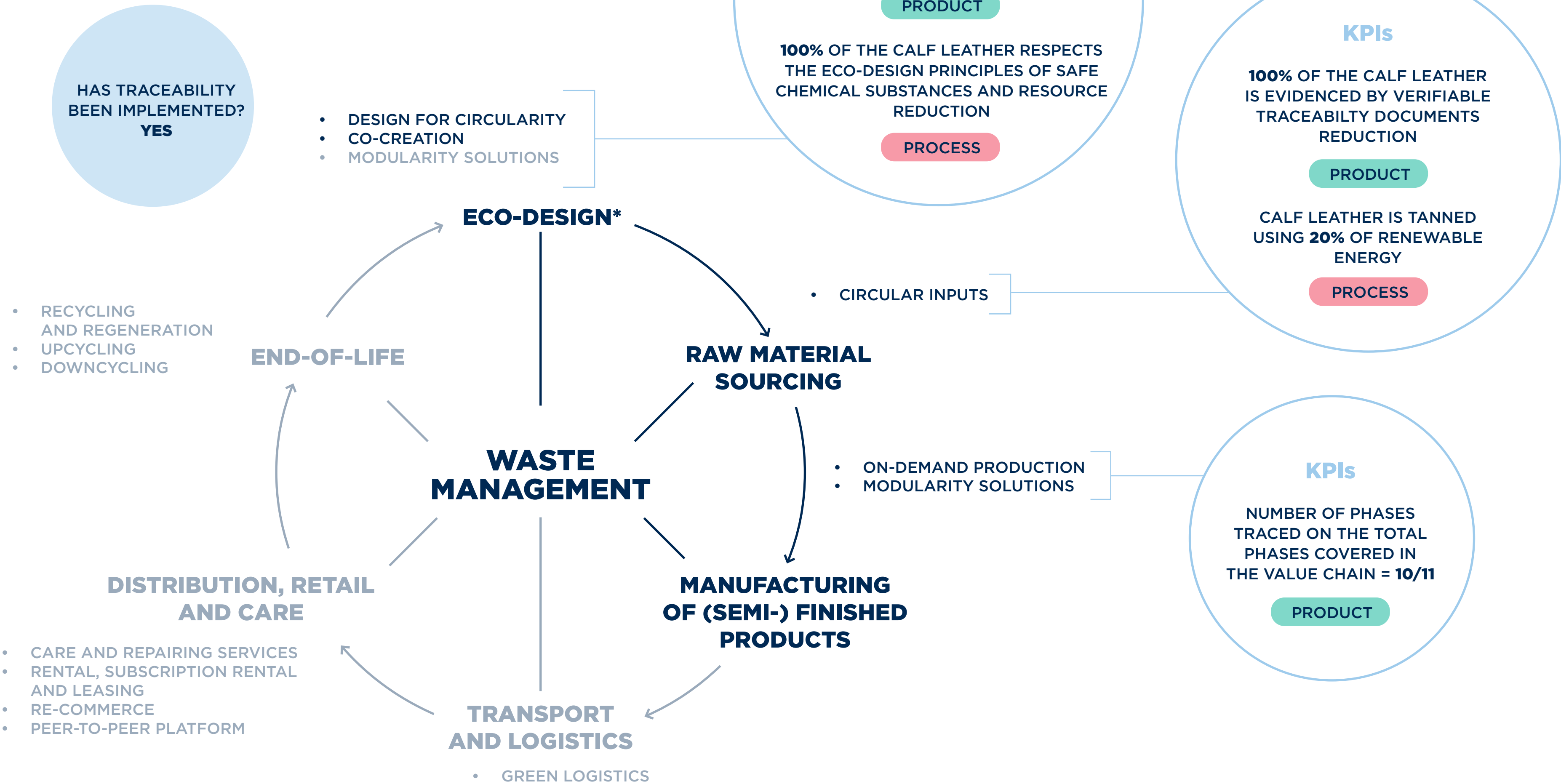


# Traceable Fiamma Bag

## Circular fashion activities and KPIs

\* Eco-design principles applied:

- durability
- recyclability
- recycled materials
- safe chemical substances
- renewable inputs



# Kintsugi

## Repairing broken POM plastic slide fasteners on Zayn jackets

B2B

B2C



Kintsugi is an ancient Japanese art of restoration, aiming to enhance rather than hide repairs. This mastery inspired YKK® to develop an innovative technique to repair broken teeth of POM plastic slide fasteners (VISLON® zip), used in Save The Duck's Zayn jackets. In case of damage, jacket's user can apply for Save The Duck's repair service that, instead of replacing the entire zip with a new one, fixes it with a zamak element applied to the broken section. Compared to the production of a new VISLON® zip, this solution implies a reduction of energy consumption by 92% and a saving of 97% in water utilisation\*.

\*comparison between 60 cm open-end VISLON® zip with standard slider and zamak element 1 piece each; based on LCA analysis internally conducted.

## PARTNERS



**YKK™**  
Little Parts. Big Difference. >>>

**Temera**

Discover more about this project at this [LINK](#)



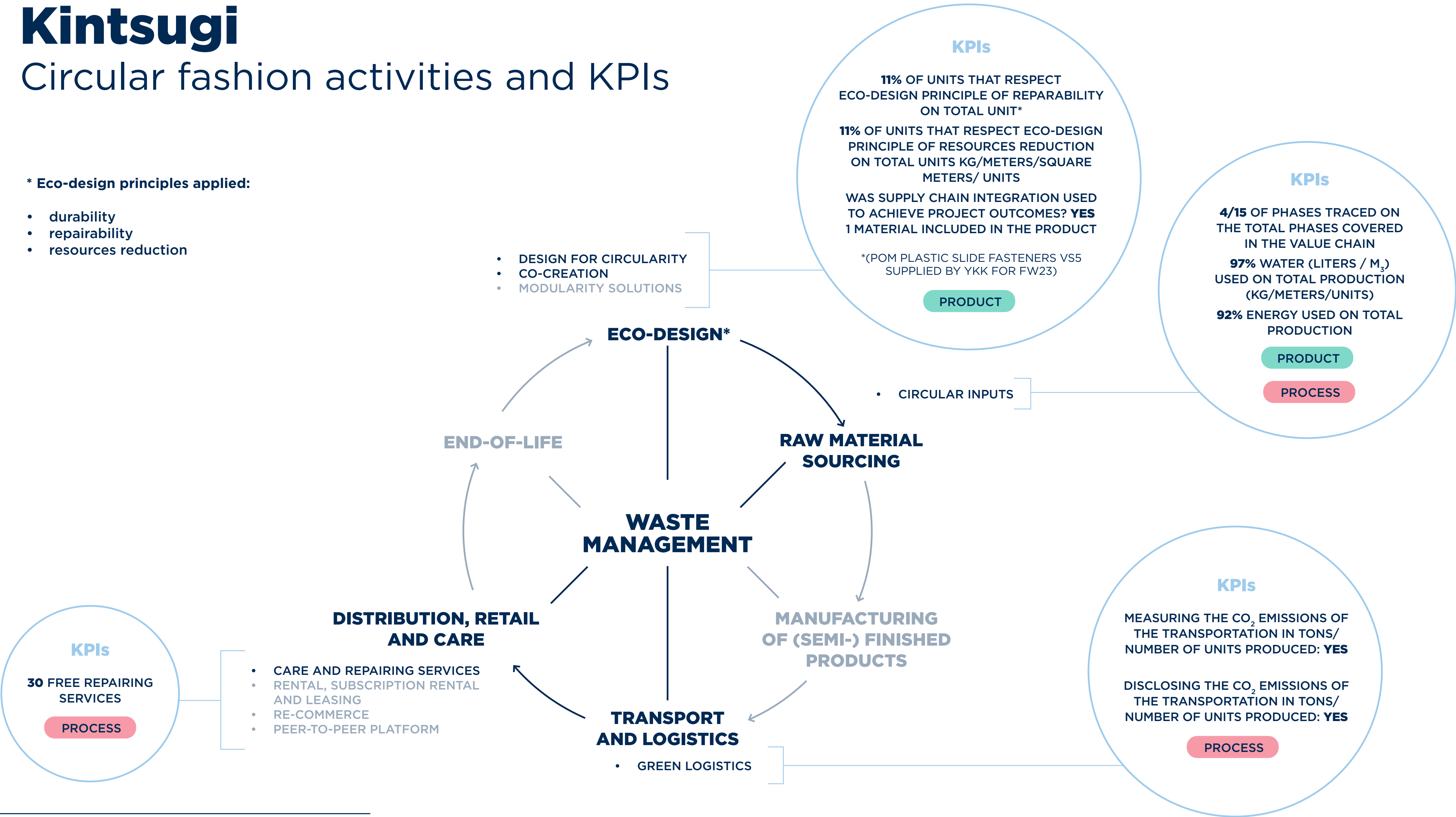


# Kintsugi

## Circular fashion activities and KPIs

\* Eco-design principles applied:

- durability
- reparability
- resources reduction





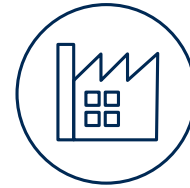
# Digital Product Passport

## The commitment to traceability

B2B

B2C

P2P



### Service description

Each garment has a story to tell and it's time to discover it. By scanning the QR code already present in 99% of the items, it will be possible to dive deeper into products' features: from their origins to technical characteristics and certifications, as well as how to maintain and preserve the garments.

Looking forward this project empowers clients in circular economy. Thanks to the latest innovation in collaboration with Certilogo, each pre-loved item can be resold on eBay directly.

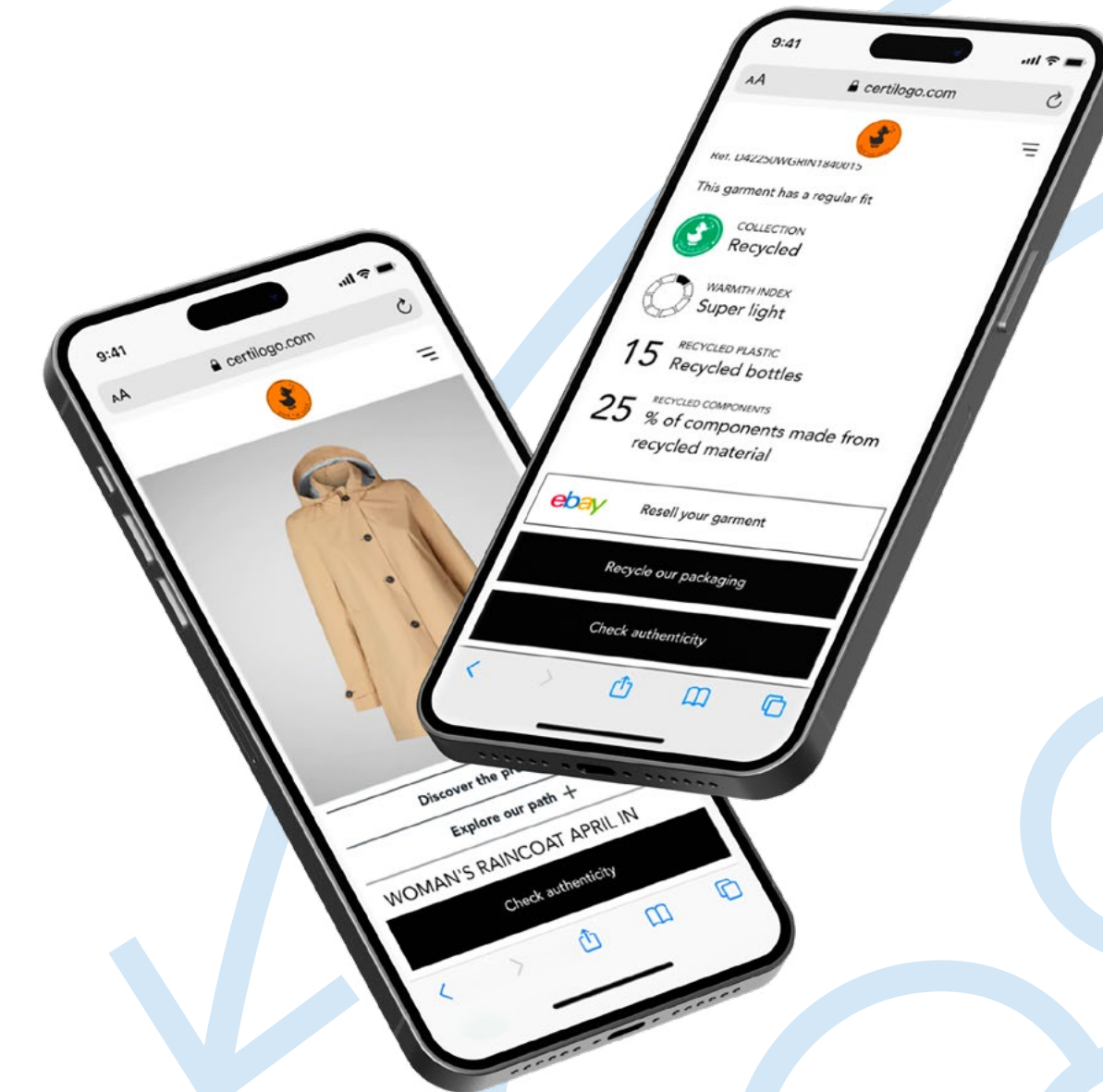
### PARTNERS



CERTILOGO

ebay

Discover more about this project at this [LINK](#)



Try the digital experience at this [LINK](#)



# Digital Product Passport

## Circular fashion activities and KPIs

\* Eco-design principles applied:

- Durability
- Reusability
- Reparability

- DESIGN FOR CIRCULARITY
- CO-CREATION
- MODULARITY SOLUTIONS





# C-Factor initiative

## C=Circularity!

C-Factor is an initiative part of the Monitor for Circular Fashion by SDA Bocconi.

Its goal is to **promote circular fashion startups**, create a network among sustainability innovators, and provide opportunities to stakeholders of the fashion industry.

Startups pitch during the M4CF Plenary Meetings. The M4CF Partners represent the jury evaluating the startups.



**Final event of  
the Monitor for  
Circular Fashion  
2023**



# C-Factor initiative benefits and objectives

Pitching at C-Factor allows startups to access an exclusive community of leading and emerging fashion players.

## KEY BENEFITS FOR STARTUPS:

1. **participating to the final event** of the Monitor for Circular Fashion;
2. **connecting with brands** which are looking for solutions to increase their circularity;
3. gaining access to tailor-made **learning opportunities**.

## C-FACTOR KEY OBJECTIVES:

1. connecting the partners of the M4CF to small and innovative players;
2. creating a network among sustainability innovators;
3. updating the M4CF partners on latest technological advancements in the fashion industry;
4. providing opportunities for collaboration on the development of pilot projects between small and large players;
5. providing a platform for fashion circularity startups.

# C-Factor initiative: results

31 SMEs and startups involved

## 2023

- Artknit Studios
- Belt Bag
- CDC studio
- Dot Zero
- Ethicarei
- Fairly Made
- Gaia Segattini
- Il Filo Colorato
- Primal Soles
- Re4circular
- Reflaunt
- Renewcell
- Resortecs
- Seay
- The Running Republic
- Zerow

## 2024

- Aion
- Befreest
- Bio-Diversity
- Colorifix
- Epoch Biodesign
- Fashion for
- Human Material Loop
- Ictyos
- Noosa
- Onus
- Pili
- Ponda
- Proke
- The 8 Impact
- Urban Darzi
- Vestis Labs



# #ReFashionNow initiative



2023

The **#ReFashionNow** initiative at the Monitor for Circular Fashion is dedicated to promoting sustainable and circular fashion, with a particular focus on student engagement. Two key events held in May 2023 and May 2024 served as platforms for this mission. The events facilitated discussions between over 150 students and industry leaders on sustainable fashion practices, addressing greenwashing, introducing the Monitor for Circular Fashion C-Factor initiative, and how to incorporate fashion circularity at urban level. The events align with the broader EU Strategy for Sustainable Textiles, emphasizing transparency, consumer trust, and durable product design.



2024

## Objectives

- Engage students with industry leaders to discuss sustainable and circular fashion practices.
- Combat greenwashing and promote transparency in the fashion industry.
- Launch the Monitor for Circular Fashion C-Factor to measure and encourage circularity in fashion (2023).
- Involve students in the Ideathon: Refashioning Milan to transform Milan into a sustainable fashion hub (2024).
- Align with the EU Strategy for Sustainable Textiles, emphasizing consumer trust and durable product design.



# #ReFashionNow initiative: cooperation with other multi-stakeholder initiatives

## MUSA\* Spoke 5

MUSA Spoke 5 focuses on aligning Milan's high-visibility sectors—luxury, fashion, and design—with top sustainability standards through innovative materials, processes, and business models. It aims to facilitate the transition to sustainable business practices, support companies in adopting new technologies, and promote responsible supply chains. MUSA Spoke 5 also works on developing a platform for sustainable luxury manufacturing and retail, enhancing consumer awareness, and providing training for industry professionals, contributing to the ecological transition of Milan's fashion and design industries.

**Link to platform:** [r4milanoecosystem.it](https://r4milanoecosystem.it)

## Ideathon

As part of MUSA Spoke 5, Bocconi University organized the Ideathon "Refashioning Milan", which challenged students to envision and propose innovative solutions to transform Milan in the Sustainable and Circular Fashion and Design Capital". The Monitor for Circular Fashion has endorsed the Ideathon during the #ReFashionNow 2024 event.

\*MUSA - Multilayered Urban Sustainability Action is the Ecosystem of Innovation funded by the Ministry of University and Research as part of the National Recovery and Resilience Plan. The project sees the collaboration between University of Milano-Bicocca, the proposing institution, Politecnico di Milano, Bocconi University, the Università Statale di Milano and numerous public and private partners. MUSA was born in Milan as a response to the challenges that the metropolitan reality faces in the transition towards the three dimensions of sustainability: environmental, economic and social. With an ambition: to inaugurate a new model of public-private collaboration that can be replicated nationally and internationally.



# Next steps

## Circular projects

- 1.** Scaling-up the circular pilot projects.
- 2.** Extending the test of KPIs to the companies products and processes.
- 3.** Collaborating with new Partners in additional product categories and processes (i.e. logistics, retail & e-tail).

## M4CF overall

**The Monitor for Circular Fashion is committed to be an active stakeholder in the future steps of the UNECE The Sustainability Pledge project and European Commission TTP co-implementation.**

The Monitor for Circular Fashion 2024 report will be published in February 2025 during a multistakeholder event in SDA Bocconi. All the research material can be found on the website [www.sdabocconi.it/circularfashion](http://www.sdabocconi.it/circularfashion)



**SDA Bocconi**  
SCHOOL OF MANAGEMENT

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**SUSTAINABILITY LAB**  
MONITOR FOR CIRCULAR FASHION



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