Digital solutions for Textile Circularity

SustainableSolutionsMatch2026

Welcome!

Session Agenda

- Welcome & Introduction: Sustainability in Sector Textiles

- Keynote speaker:

    Enrique Garcia John, Joint Research Centre, Directorate B – Fair and Sustainable Economy, Unit B5, Circular Economy and Sustainable Industry: "**Textile ESPR (Ecodesign for Sustainable Products Regulation) state-of-play**"

- Pitch Presentations (alphabetical order company name):
    - Pitch 1: **BCome** (*Spain*)
    - Pitch 2: **Kornit** (*Israel*)
    - Pitch 3: **Own your Closet** *(Austria)*
    - Pitch 4: **Retraced** (*Germany*)
    - Pitch 5: **Toern** (*Germany*)
    - Pitch 6: **Trosort** (*Belgium*)
    - Pitch 7: **Zeron London Ltd** *(United Kingdom*)

- Closing Remarks

Welcome & Introduction

Who's moderating?

Marta Casanova

ACCIÓ

Sustainability Advisor

Who's organizing?

Up2Circ

Welcome & Introduction

Let's play by the rules: smooth sailing for our session!

- **Mute Policy:** Please remain muted unless speaking to avoid background noise.

- **Q&A Time:** At the end of the pitches, there will be 15 minutes for questions. Please use the chat to ask questions.

- **Time management**: Pitchers, please keep track of your time. We will inform you if 3 minutes have passed.

- **Technical Issues:** If you encounter issues, use the chat to notify the host.

Sustainability in textile sector

- ✓ **Textile** sector as **large consumer of resources** in the world

- ✓ **Environmental and climate impact**: 120 million tones textile waste, only 7% suitable for recycling, around 10% transformed into new fibers in Europe.

- ✓ **Great potential to move towards a circular economy model** (EU Transition Pathway- European Commission).

- ✓ **EU** Textile **companies profile**: **99.5% are SMEs**, face sustainability industry challenges in the coming years ➡ transformation accelerated by current and coming EU legislation.

- ✓ Innovative solutions can boost the EU textile Industry to sustainability through digital technologies such as traceability, production on demand, digital product passport and Artificial Intelligence.

KEYNOTE SPEAKER:
"Textile ESPR (Ecodesign for Sustainable Products Regulation) State of Play"

Enrique Garcia John

Project Officer, – Circular Economy and Sustainable Industry
Joint Research Center

Sustainable Solutions Match

Textile ESPR State of Play

Digital solutions for textile circularity – 19 March 2026

Enrique GARCIA JOHN - Project Officer
DG JRC B5 – Circular Economy and Sustainable Industry
Product Policy Analysis Team

ESPR establishes a framework legislation

ESPR = framework legislation

It does not set specific measures. Rather, it enables their later adoption

Framework legislation

Regularly updated **multiannual working plans** setting out priorities

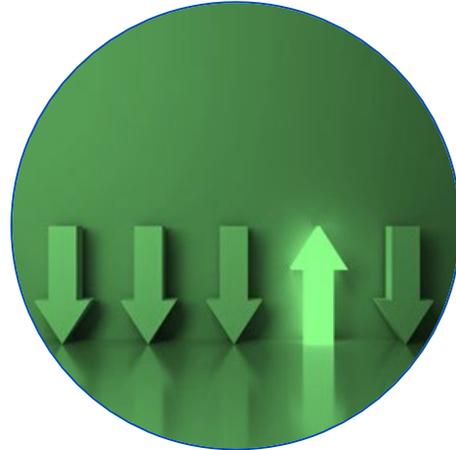**Product-specific measures** based on detailed preparatory study and impact assessment

ESPR sets a new sustainability & ecodesign approach

Broad scope

Moving beyond energy-related products to a **wide product scope**

New sustainability & ecodesign aspects

e.g. **performance requirements** - durability, CO_2 footprint, recycled content

Horizontal measures

Common ecodesign requirements for products with similarities

Strong focus on product information

Digital Product Passport, labels & **information requirements**

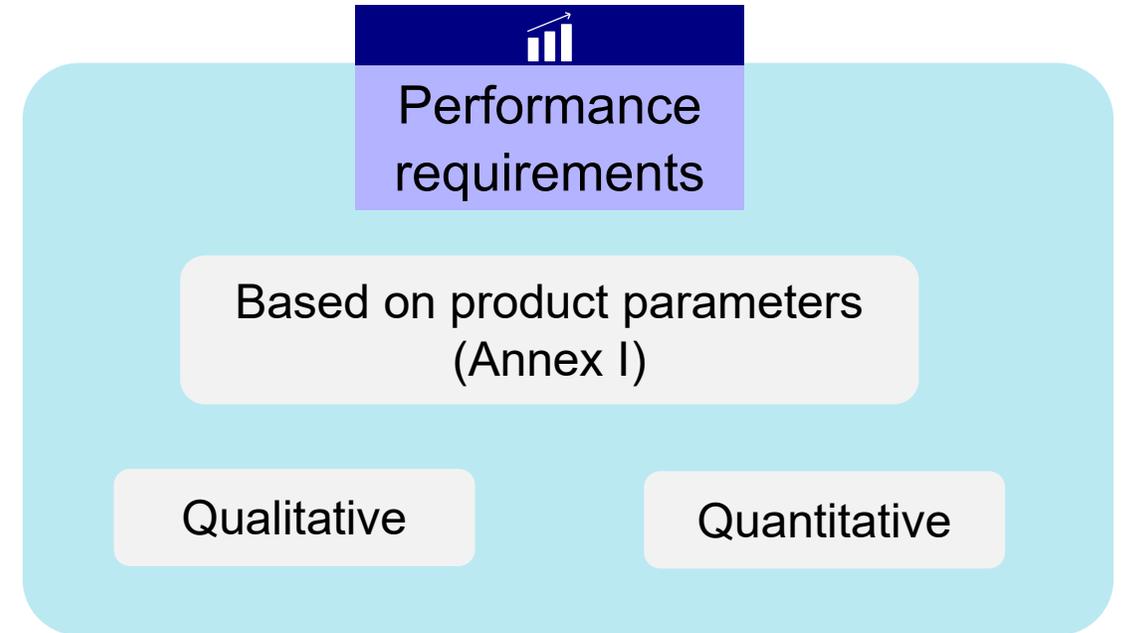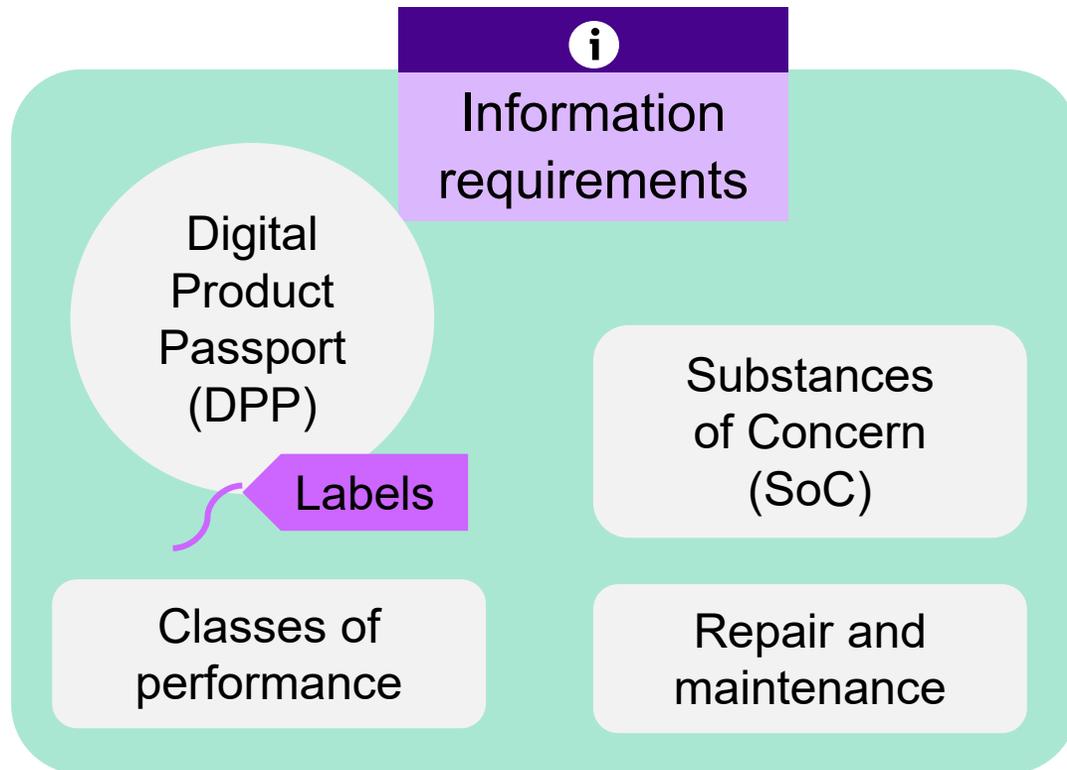# Key Ecodesign aspects under ESPR

Ecodesign requirements
Product specific or horizontal

Horizontal requirements

information or performance requirements common to two or more product groups

Information requirements

Digital Product Passport (DPP)

Labels

Substances of Concern (SoC)

Classes of performance

Repair and maintenance

Performance requirements

Based on product parameters (Annex I)

Qualitative

Quantitative

ESPR Working Plan 2025 – 2030

Products to be included in the work programme

Textiles/Apparel	Furniture	Tyres	Mattresses
2027*	2028*	2027*	2029*

Intermediate products included | ## Products included under the transition rules

Iron & Steel	Aluminium	Energy-related products	ICT products
2026*	2027*	2027*	2029*

* indicative timeline for adoption

JRC works on ESPR Textiles Preparatory Study (PS) Methodology

2nd milestone

Task 1	Task 2	Task 3	Task 4
Scope	Markets	Users	Technologies

1st milestone

Task 5
Base Case
LCA & LCC

3rd milestone

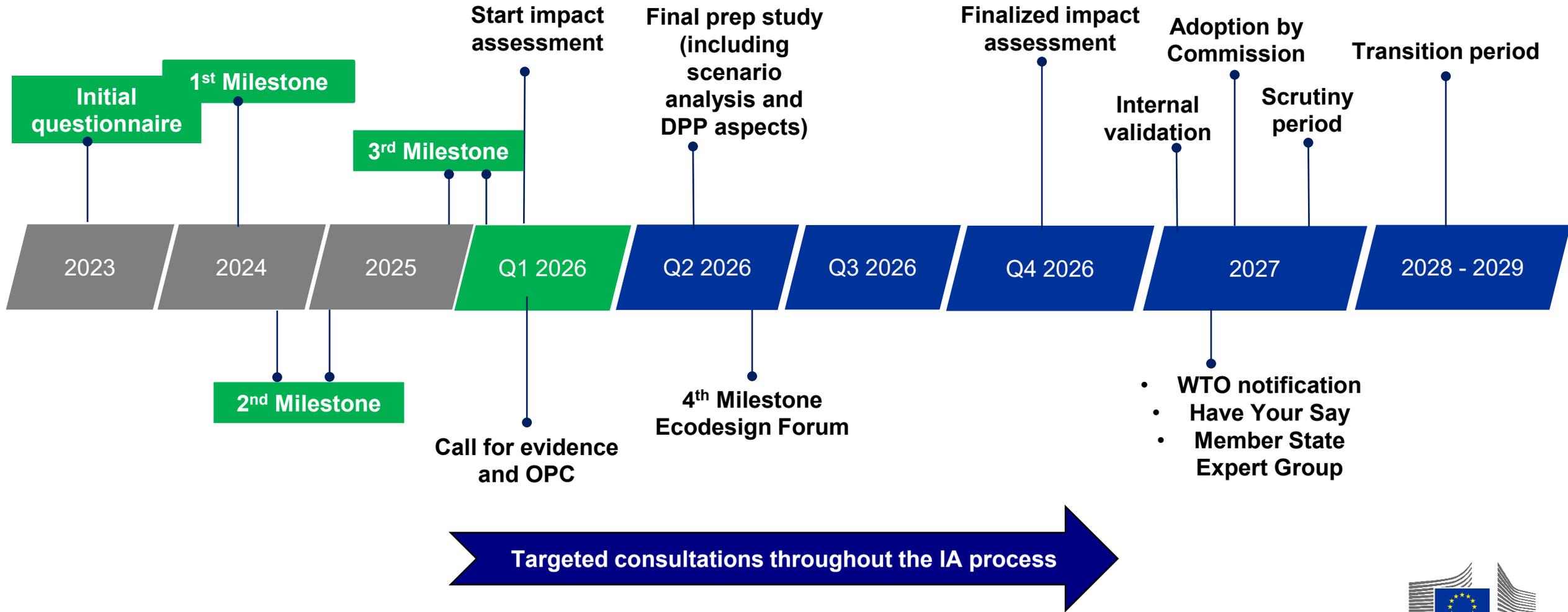**Task 6**
Design options

Task 7
Scenarios
Elements of DPP
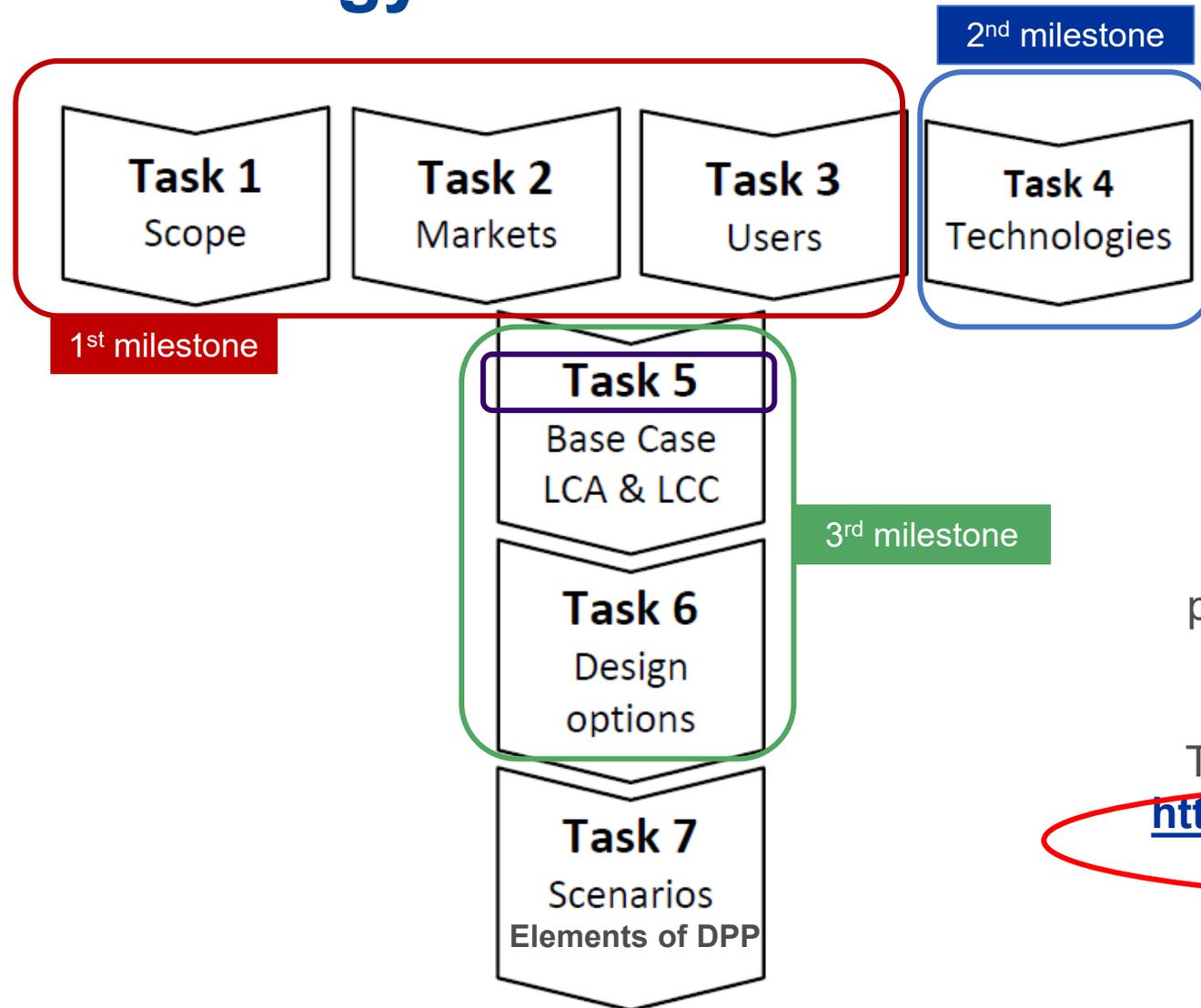
All registered stakeholders can provide written comments to the working document of the preparatory study using an online questionnaire.
To register and get involved please go to
https://susproc.jrc.ec.europa.eu/product-bureau/product-groups/467/home

Indicative timeline

Start impact assessment

Final prep study (including scenario analysis and DPP aspects)

Finalized impact assessment

Adoption by Commission

Transition period

Internal validation

Scrutiny period

Initial questionnaire

1st Milestone

3rd Milestone

| 2023 | 2024 | 2025 | Q1 2026 | Q2 2026 | Q3 2026 | Q4 2026 | 2027 | 2028 - 2029 |

2nd Milestone

Call for evidence and OPC

4th Milestone Ecodesign Forum

- WTO notification
- Have Your Say
- Member State Expert Group

Targeted consultations throughout the IA process

JRC Textile Apparel Preparatory Study - Project website

REGISTER HERE: https://susproc.jrc.ec.europa.eu/product-bureau/product-groups/467/home
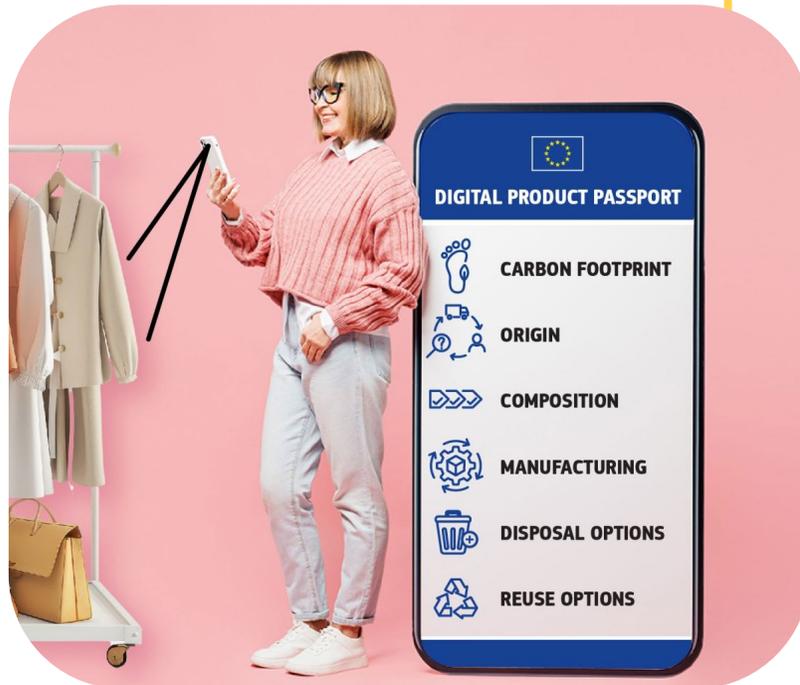
Impact assessment

- Comprehensive assessment based on Better Regulation Guidelines

- Impact assessment support study (dark blue) will incorporate and supplement outcomes of the JRC preparatory study
  - ➢ By Trinomics, VITO, Oeko-Institut, Fraunhofer IZM

- JRC registered stakeholders are invited to register as a stakeholders for the purpose of consultations under the impact assessment support study

Problem definition and objectives

Further support for development of requirements

JRC preparatory study

Identification of policy options

Assessment of policy options

Comparison of options

Selection of preferred option

European Commission
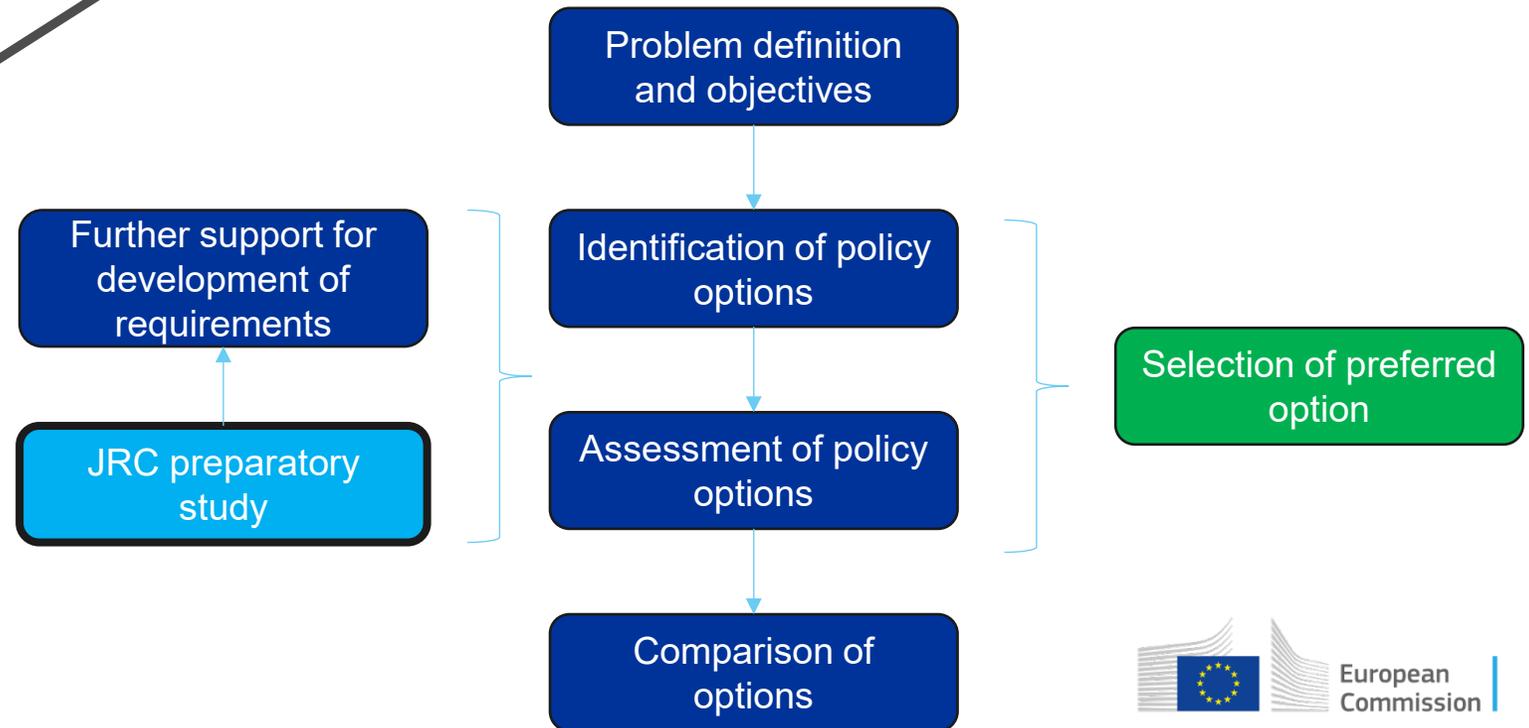
Digital Product Passport

A **Digital Product Passport (DPP)** is a digital container of product specific information.

It serves as a digital identity for the product, enabling traceability and transparency throughout its value chain.
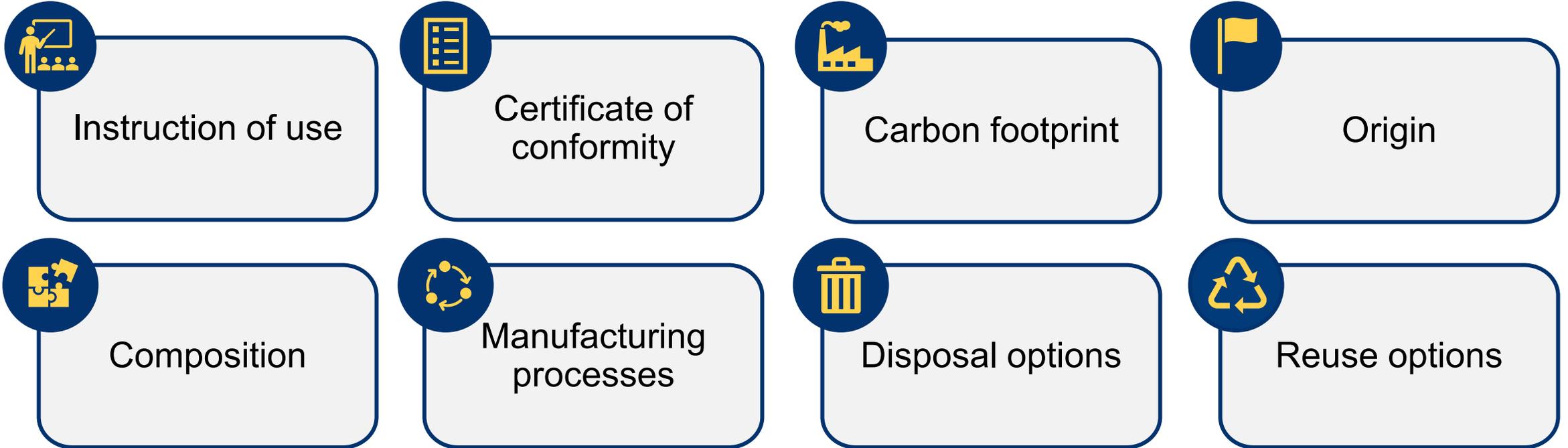
Policy initiatives

The **DPP tool** supports the following policy initiatives

+ **Ecodesign and environmental data**

+ **Legal Compliance**

+ **Declaration of conformity**

+ **Product instructions**

Information displayed in the DPP

Instruction of use

Certificate of conformity

Carbon footprint

Origin

Composition

Manufacturing processes

Disposal options

Reuse options

How the DPP works

DPP is accessible via a **data carrier** and supported by **technical systems** (web-portal; registry).

DPP data is product-group specific (toys, textiles, detergents etc.) and defined through **secondary legislation** processes.

Unlocking Single Market Potential

Digitalisation through the DPP is an opportunity to fundamentally transform single-market processes for:

Businesses

- Increased Supply Chain Transparency & Access to New Business Models
- Simplify Compliance
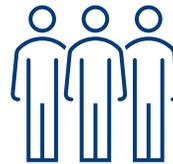
Consumers

- Enables Informed Purchasing
- Increased Trust in Product Information

Regulatory Authorities

- Improved Market Surveillance
- Streamlined Trade & Enforcement

The DPP will foster a more transparent, sustainable, & circular economy across the entire product lifecycle.

DPP secondary legislation

The DPP secondary legislation, which aims to complete the operational framework of the DPP, is planned for **adoption by mid-2026** and includes the following:

1 A **delegated act** setting out the requirements for DPP service providers, as well as a certification scheme to verify their compliance with such requirements where appropriate;

2 An **implementing act** setting out procedures to issue and verify the digital credentials of economic operators and other relevant actors;

3 An **implementing act** setting up requirements for the Central Registry;

4 A **delegated act** establishing rules & procedures on the life cycle management of unique identifiers & data carriers.

Standards and protocols - international

- Eight harmonised standards are being developed in close collaboration with JTC 24, the **CEN-CENELEC Joint Technical Committee** on the Digital Product Passport.

- Global interest in European standardisation is growing, with **multiple countries actively** engaging in the process.

- Ensuring **interoperability across supply chains** remains a fundamental objective for effective implementation.

- The European Commission is proactively **monitoring and contributing** to international standardisation developments.

Operationalisation of the DPP

	2025				2026				2027			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4

DPP STANDARDISATION MILESTONES (CEN-CENELEC)

Development and adoption CEN-CENELEC Standards

LEGAL MILESTONES

DPP system secondary legislation

Product-specific rules

DPP DIGITAL IMPLEMENTATION MILESTONES

DPP Registry

Web portal

STAKEHOLDERS ENGAGEMENT AND COMMUNICATION

Engage stakeholders
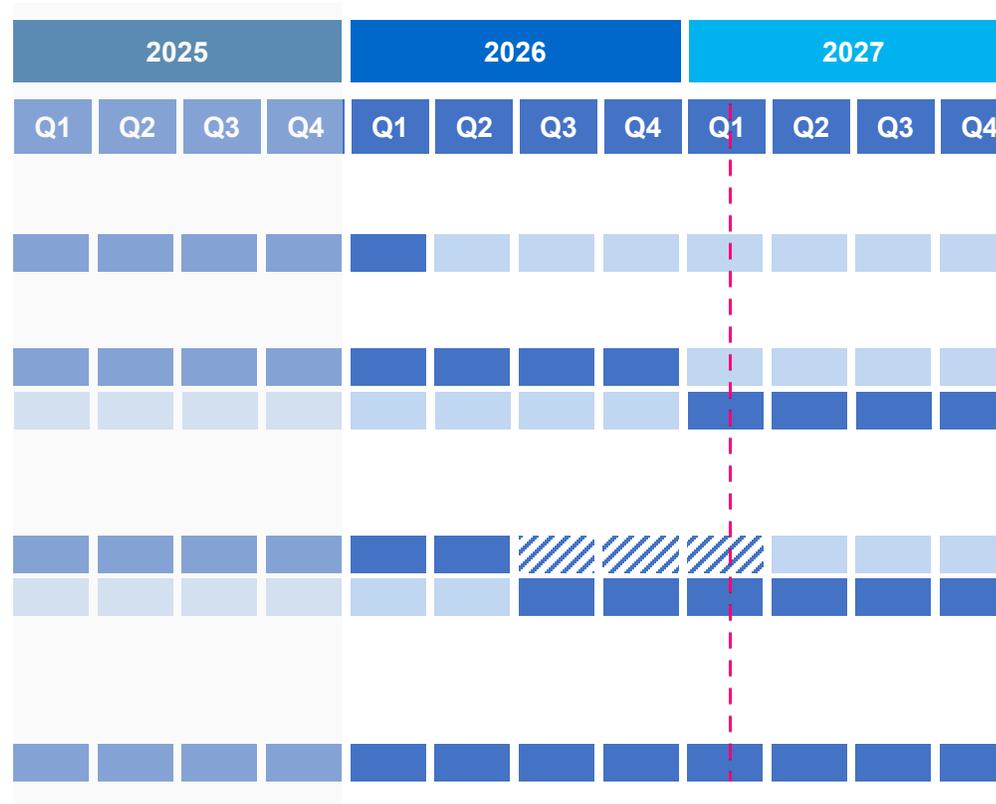
Registry established & testing activities with industry

Further information

Contact: GROW-DIGITAL-PRODUCT-PASSPORT@ec.europa.eu
Ecodesign for sustainable products Regulation (ESPR)
ESPR information website
Online information session on ESPR

Thank you

JRC-B5-TEXTILES@ec.europa.eu

EU Science Hub
joint-research-centre.ec.europa.eu

Pitch Presentations

Time to meet the innovators!

Pitch 1

Bcome

Anna Cañadell

AI Supply Chain traceability

BCome·

BCOME

Anna Cañadell
Co- Founder

Your products know more than your decisions do.

BCome changes that.

BCome is the **AI intelligence infrastructure** that transforms traceability data, environmental impact metrics, and EU regulatory requirements into precise, real-time product decisions.

50+

European fashion brands operating on BCome

9 yrs

Pioneering fashion LCA methodology

80% +

Average supply chain mapped per brand

Highly adaptable: it serves brands of all sizes — from emerging labels to global retailers — across apparel, footwear, and accessories.
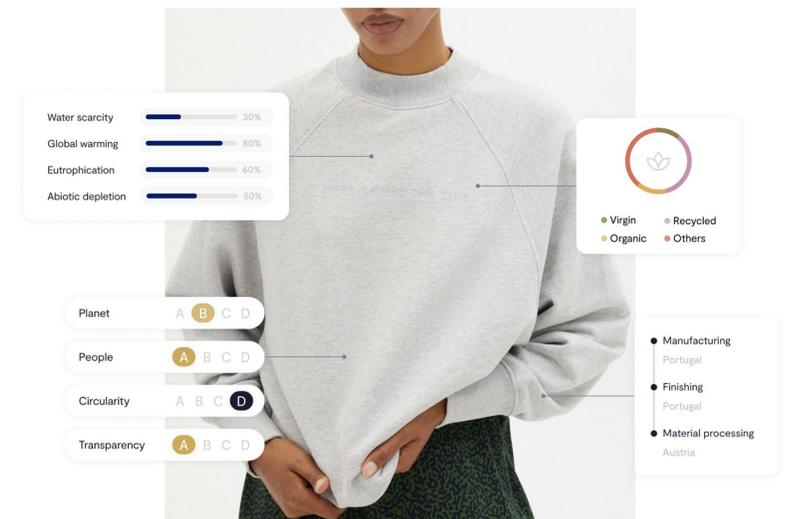
Differential value: Not a measurement tool. *An intelligence infrastructure.*

01. One system, not five separate tools
Supply chain mapping, product impact, regulatory compliance, and ecodesign all work together in BCome.

02. Built for how fashion actually works
Designed around collections, seasons, multi-tier suppliers, and materials.

03. EU regulations are already inside
CSRD, ESPR, Green Claims Directive, Digital Product

04. It works for your brand, not a generic one
BCome adapts to your data structure, your supplier setup, your reporting needs. You don't bend to fit the software — the software fits your business.

Market/Target audience

Primary audience: Fashion and apparel brands operating in or selling into the EU market.

Who benefits most:

- Brands facing EU sustainability regulation deadlines (CSRD, Green Claims Directive, DPP).

- Sourcing and sustainability teams that need to consolidate supplier data.

- Marketing teams that want to communicate impact credibly to consumers.

- Retailers requiring supplier sustainability transparency across their value chain.

Cooperation partners 🌍

BCome is looking to connect with:

- **Retailers and fashion groups** — seeking a scalable solution to roll out across their brand portfolio.

- **Technology partners** — PLM, ERP, and e-commerce platforms for integration and data exchange.

- **Research institutions** — to co-develop next-generation LCA methodologies adapted to emerging materials.

- **Legal and compliance consultancies** — specializing in EU Green Deal legislation to co-develop compliance toolkits for brands navigating CSRD, DPP, and Green Claims.

- **Media and sustainability communication agencies** — to help brands translate complex impact data into compelling, regulation-proof consumer narratives.

Pitch Presentations

Time to meet the innovators!

Pitch 2

Kornit

Sergio Brandriss

The environmentally friendly printing solution

Kornit Digital

Sergio Brandriss, Ph.D.
Chemicals Regulations Principal

Sustainable Solutions Match

The Pigment Water-based Digital Printing Solution for Textiles

- Reduced Environmental impact
  - Less water no pretreatments washing or rinsing steps, energy efficient, vivid and durable prints

- True On-Demand, Just in time production
  - No Screens or special machine settings needed

- Agility and Flexibility
  - Direct printing, design iterations and prototyping
  - Prints on wide materials range cotton, blends, polyester, etc.
  - From a single t-shirt design up to hundreds of prints per hour
  - High quality home design, fashion, sportswear and home textiles.

Kornit Digital Neo-pigment Inks

The user and customer environmental and safe choice

- Ecopassport certified
- Chemicals Positive List GOTS approved
- ZDHC level 3 registered
- BLUESIGN certified
- Vegan friendly verified
- Industrial Compostable certified

Kornit MAX print technology is a paradigm shift in meeting our customers' most critical requirements

Retail Quality

Robust, repeatable and quality assurance - surpassing **screen-printing** durability

Enhanced Productivity

Increasing speed and productivity

Unlimited Creativity

New-to-market applications like Raised (XDI), Denim, Vinyl- wide media variety

Sustainable Production

Single-step process: no pre- or post-treatment while meeting the most stringent regulations

We areTransforming the market to Digital, On Demand Sustainable production

- Screen Printing

- Pring on Demand

- Footwear and Technical

Digital production can provide the fashion industry with the agility it needs to win

Kornit is looking to network with players who can help transforming production to digital and on-demand.

- Players that helps consumers get relevance and personaliza
- Players that support Brands get flexibility, sustainability, and reduced risk.
- Players that offer solution to get less waste and more value.

Pitch Presentations

Time to meet the innovators!

Pitch 3

Own your Closet

Alexandra Porenta

Own your Closet

Redefining Fashion Through Circularity, Technology & Community

Alexandra Porenta

Founder & CEO

Our Vision

- *A world where fashion is effortlessly sustainable & circular, deeply personal and entirely waste-free.*

Our Mission

- *Create an easy to use, accessible & affordable circular fashion ecosystem that is fun to take part in.*

- *Using Technology (AI) and Community to create a real alternative to fast fashion*

One ecosystem
for a
smart, circular
& stylish
wardrobe

1 Your Digital Closet,
AI Stylist,
Wardrobe Assistant

2 Friends &
Community
Closets

3 Building Communities
Connecting with Friends

4 Marketplace
Searchbar/ Map
Repair Service
Events

5 Gamification
& Rewards

Environmental Impact

- Reduction of Fashion Waste (reuse, repair, upcycling)

- Reduction of Production (less toxic materials, micro plastics, emissions, water consumption etc.)

Social Impact

Shift in mindset
→ From linear to circular

Strenghthing of local communities
→ Empowerment of regional networks
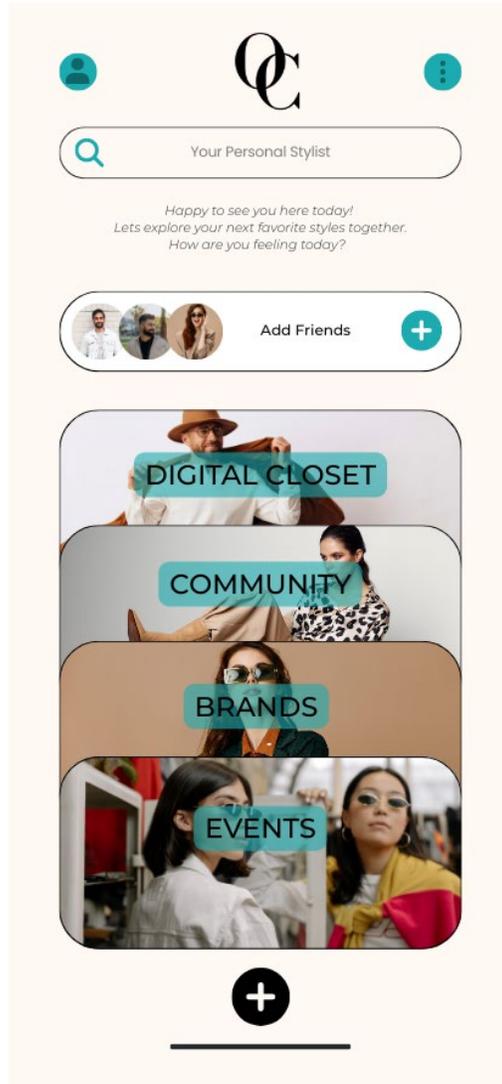
B2B: Brands/ Stores

- *Visibility*
- *Sales & Customer Growth*
- *Customer Loyalty & Trust*
- *Comission/ Subscription*
- *Ads*

B2C: Consumers

- *Time & Money Saving*
- *Convenience, Usability & Effortless*
- *Style & Quality*
- *Community & Belonging*
- *Service fees (events, repairs, etc.)*
- *Subscription, Premium Access*

A phygital platform making circular fashion

stylish, affordable, social & scalable.

Status-Quo

Proof of Concept

(AI Image recognition)

Clothing Swaps

Newsletter

Next Steps

Prototype Set-Up

Social Media Strategy

Press

Exclusive Clothing Swaps

Pop-Ups
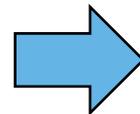
Become an OC Ambassador & host an Event in your region

FRIENDS.

DRINKS.

MUSIC.

SPRING VIBES.

ALL GENDERS WELCOME.

Spring
Clothing Swap
22.March 2026
15-18h

Gasthaus "Zur Stadt Krems"
Zieglergasse 37, 1070 Wien

enterprise europe network

Up2Circ

OC & You!

Early Stage Funding

Co-Founder

AI

Web/ App Development

Marketing

B2B Partners for Ecosystem

Brands & Stores & Designers (Second-Hand, Vintage, Sustainable, Fair)

Repair & Upcycling Studios

Shaping Circular Fashion together!

Pitch Presentations

Time to meet the innovators!

Pitch 4

Retraced

Andrea Ferrazzano

Digital Product Passports and traceability software for sustainable fashion supply chains

Retraced

Andrea Ferrazzano
Market Manager– Iberia & Italy

Transparency as Strategic Infrastructure

- *We provide A first data infrastructure for sourcing, supplier management, product compliance, and certificate validation. We connects brands to suppliers across tiers and creates a single point of truth for validated supplier and product data.*

- *Today, more than 150 brands worldwide and 25,000+ active suppliers already collaborate on Retraced.*

- *As Digital Product Passports become part of how product information is shared, companies need structured, verified, and connected data. Retraced ensures this foundation is embedded in daily operations.*

Enabling Digital Product Passports at Scale

- *Digital Product Passports require continuous, high-quality product, supplier, and certification data.*

- *Retraced delivers this through:*

- *Structured supplier onboarding and due diligence*

- *Multi-tier traceability beyond Tier 1*

- *Product-level compliance data collection*

- *Built-in certificate collection and validation*

- *Real-time collaboration with suppliers*

- *AI supports multiple workflows across the platform. It structures incoming data, flags inconsistencies, supports risk assessments, and improves completeness.*

Scan for DPP checklist guide

Measurable Impact

With Retraced companies can achieve:

- *Reduced time collecting and validating documentation*

- *Higher certificate accuracy and data completeness*

- *Clear visibility into upstream material origins*

- *Improved cross team alignment*

- *Increased supplier engagement*

- *Reduced brands and suppliers fatigue*

- *Digital Product Passports depend on structured and reliable information. We ensure this data is accurate, connected, and accessible across your organization*

Who benefits & Strategic Partnerships

Who benefits most

- Fashion and textile brands preparing for Digital Product Passports

- Companies managing complex, multi supply chains

- Organizations consolidating fragmented supplier tools

- Teams aligning sourcing, procurement, and sustainability

Partnerships we value

- Certification and verification bodies

- Industry associations and data standard initiatives

- Technology partners supporting interoperability

- Advisory firms guiding supply chain transformation

- Digital Product Passports require shared infrastructure and coordinated action. We focus on building systems that support long-term collaboration across the industry.

Pitch Presentations

Time to meet the innovators!

Pitch 5

Trosort

Achille Mathot

Sort Mate: Textile Sorting Upgraded.

Trosort

Achille Mathot

CEO

SustainableSolutionsMatch

AI-based Textile Sorting for Reuse, Repair and Recycling.

1. Automated 360° garment pictures (1200 garments / hour)
2. Image analysis: extraction of garments characteristics and condition
3. Computation of the sorting outcome that maximizes value recuperation
4. Automatic routing
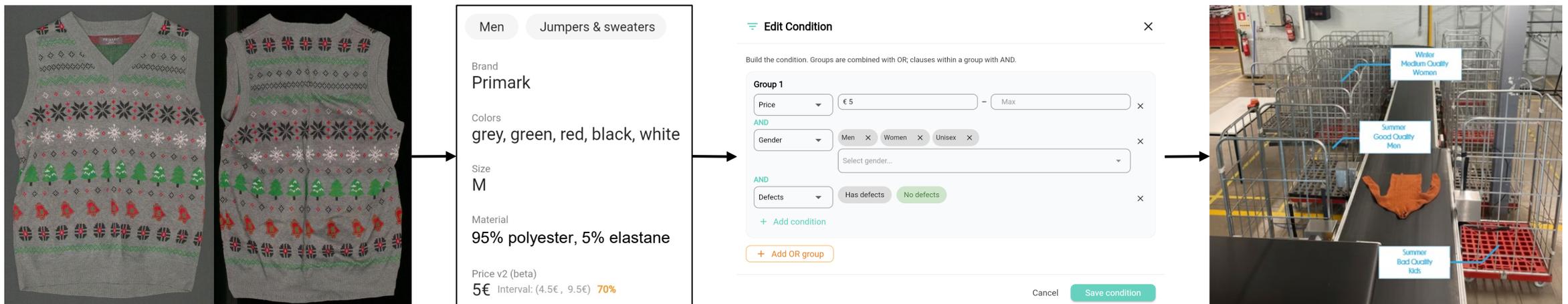
Link to video

Differential value

- *Most sorting equipment providers focus on automating sorting for recycling*
- *We focus on maximizing value capture by following the waste hierarchy:*
    - **sorting for reuse**: brand, category, condition (defects and use), value
    - **sorting for repair**: defects type, size, location, material composition, cost of repair
- *We provide our system under an EaaS model (limiting Capex on client's side)*

Sustainable impact

- *Best use of materials*
- *Divert from landfills*
- *Increase traceability and end-of-life condition assessment*
- *Next step requirements matching*
- *Feedstock sourcing reliability and predictability for recycling*

Market/Target audience – Who can apply your solution?

1. Textile Sorting Centers - **sorting improvement**
2. Brands and retailers with large volumes of take-back / returns - **quality check**
3. Workwear rental companies - **quality check**

Minimum volume for profitability: 3T/day

Sustainable and circular innovation needs good networks along the whole value chain.

- ***Mechanical Maintenance Partners: AUS, US, FR, UK, GE, NE, ES.***

- *AI Robotics: **Develop** - automated feeding system - laying down garments*
- *Repair & Care: **Knowledge** - repairability, cost of repairs, washable stains*
- *Recycling Facilities: **Knowledge** - requirements & specifications*
- *Hyperspectral Camera Providers: **Test** - integration within our solution*

Pitch Presentations

Time to meet the innovators!

Pitch 6

Toern

Alena Schneck

Transforming returns into a strategic advantage for margin and growth

Toern

Alena Schneck
Co-Founder & CEO

Our Solution:

AI-powered return management software which digitizes the entire return journey, from customer registration to automated refunds and helps brands understand return data
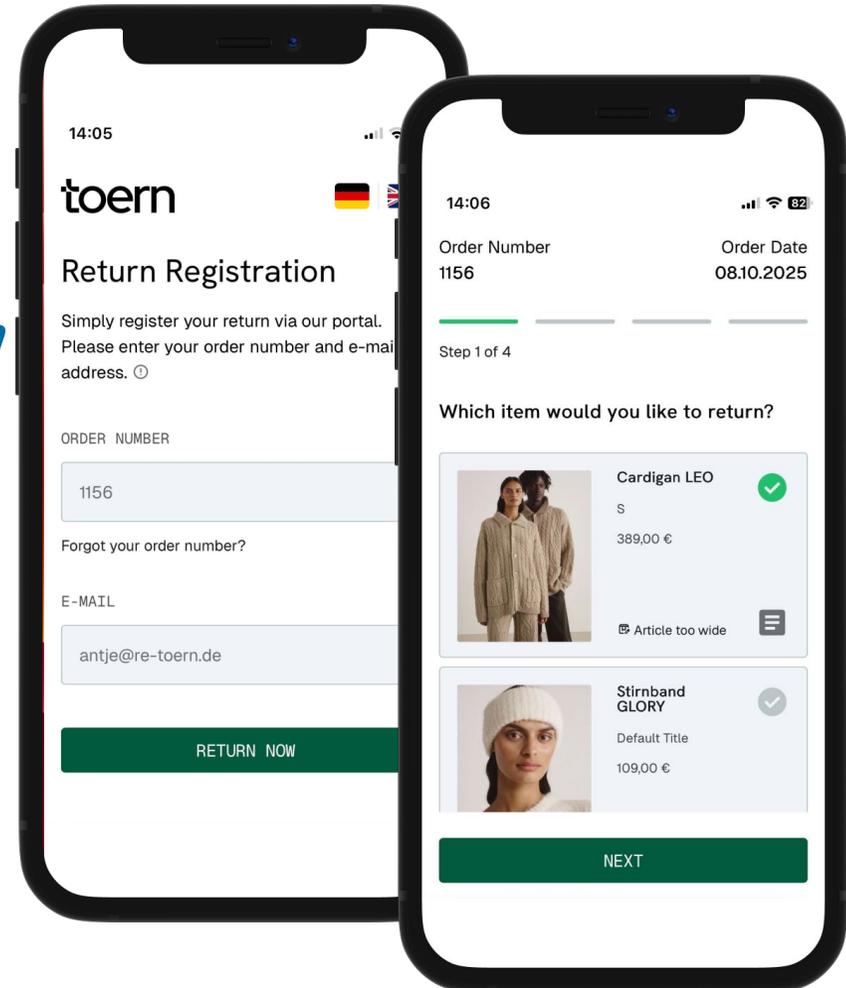
Differentiation Value:

We convert 20% of returns into revenue through vouchers and exchanges & use AI feedback to proactively reduce return rates

Apologize for the late delivery & offer a discount on a future purchase.
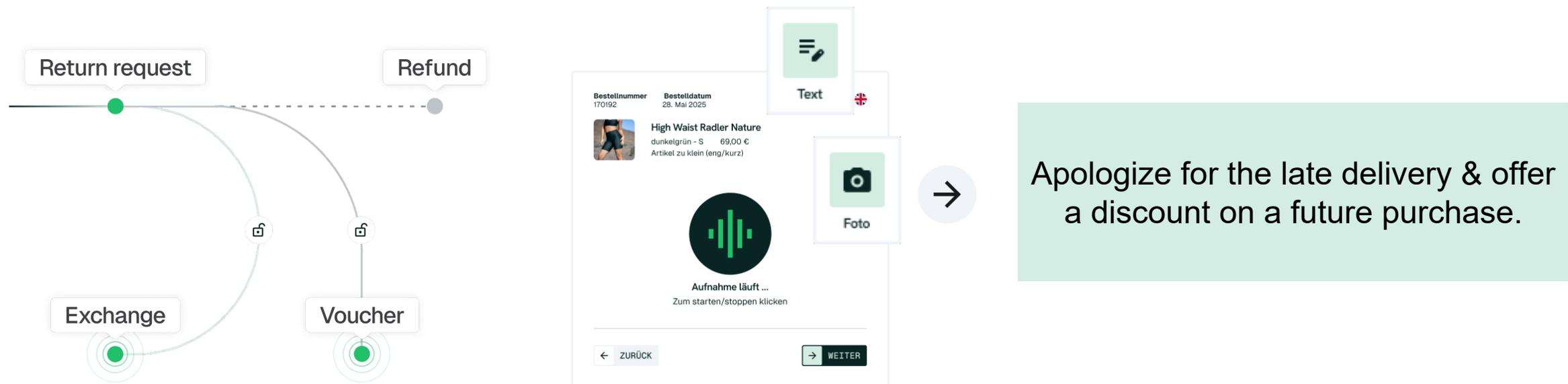
Clients:

E-commerce brands looking to transform their returns into a strategic advantage for margin and growth

What we look for:

E-Commerce Shops & Fulfillment partners to further expand our infrastructure
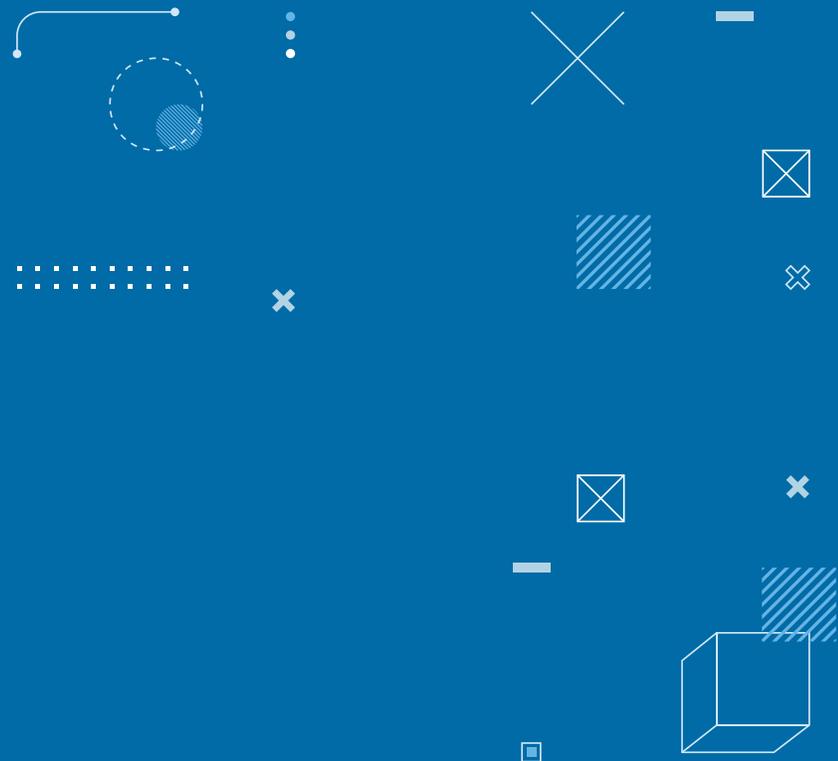
Pitch Presentations

Time to meet the innovators!
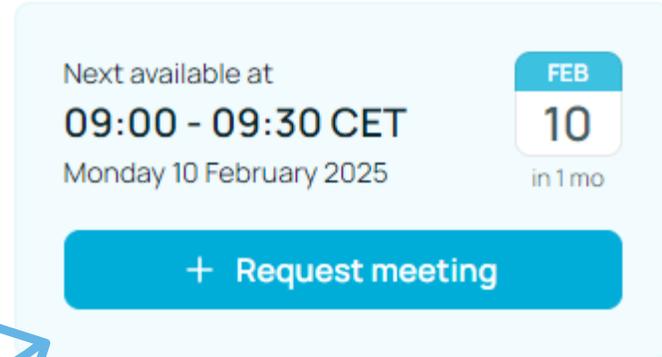
Pitch 7

Zero London Ltd

Nicholas Betts

Closing Remarks

A big thank you to all pitchers and attendees!
We appreciate your participation today.

If you'd like to connect with any of the pitching companies, please use the matchmaking tool to **book a meeting**!

Next available at
09:00 - 09:30 CET
Monday 10 February 2025

FEB
10
in 1 mo

+ Request meeting

Need support? **Enterprise Europe Network is here to help!**

Reach out to your local Network partner:

https://een.ec.europa.eu/local-contact-points

Sustainable Solutions Match