Segura
RETAIL
SUPPLY CHAIN
SUSTAINABILITY
CONFERENCE 2025

Legislative landscape in retail
Spotlight on Ecodesign for Sustainable Products Regulation

Debbie Mlejnecky
Product Implementation Manager
Segura

Partnering with Purpose: Driving Innovation, Collaboration, & Sustainability

Peftrust®   GreenRetail.World   ual: fashion, textiles and technology institute   ANANAS ANAM   iinouiio   PROJECT PLAN B   CentricSoftware®

Legislative Landscape

2022

- UK Modern Slavery Act
- UK Deforestation Act
- France Duty of Vigilance Law
- US UFLPA
- US Supply Chain Resiliency Act
- Australia Modern Slavery Act
- Norway Transparency Act

2023

- France Environmental Code
- France AGEC Law (waste)
- EU Deforestation Regulation
- EU General Product Safety
- EU Conflict Minerals Regulation
- German Supply Chain Act

- UK Modern Slavery Act
- UK Deforestation Act
- France Duty of Vigilance Law
- US UFLPA
- US Supply Chain Resiliency Act
- Australia Modern Slavery Act
- Norway Transparency Act

2024

- EU GPSR (13 Dec 2024)
- Canada Forced Labour in Supply Chains Act
- EU Climate Law
- EU Forced Labour regulation
- Netherlands Child Labour Due-Diligence Act

- France Environmental Code
- France AGEC Law (waste)
- EU Deforestation Regulation
- EU General Product Safety
- EU Conflict Minerals Regulation
- German Supply Chain Act

- UK Modern Slavery Act
- UK Deforestation Act
- France Duty of Vigilance Law
- US UFLPA
- US Supply Chain Resiliency Act
- Australia Modern Slavery Act
- Norway Transparency Act

2025

- Packaging EPR
- EU Battery Regulation

- EU GPSR
- Canada Forced Labour in Supply Chains Act
- EU Climate Law
- EU Forced Labour regulation
- Netherlands Child Labour Due-Diligence Act

- France Environmental Act
- France AGEC Law (waste)
- EU Deforestation Regulation
- EU General Product Safety
- EU Conflict Minerals Regulation
- German Supply Chain Act

- UK Modern Slavery Act
- UK Deforestation Act
- France Duty of Vigilance Law
- US UFLPA
- US Supply Chain Resiliency Act
- Australia Modern Slavery Act
- Norway Transparency Act

2026

- EU Ecodesign ESPR / DPP
- EU CSRD (ESRS)
- EU CSDDD
- Product Env. Footprint PEF
- EU Green Claims Directive GCD
- California Climate Corporate Data Accountability Act
- California GHG CRFR Act

- Packaging EPR
- EU Battery Regulation
- EU GPSR
- Canada Forced Labour in Supply Chains Act
- EU Climate Law
- EU Forced Labour regulation
- NL Child Labour DD Act

- France Environmental Act
- France AGEC Law (waste)
- EU Deforestation Regulation
- EU General Product Safety
- EU Conflict Minerals Regulation
- German Supply Chain Act

- UK Modern Slavery Act
- UK Deforestation Act
- France Duty of Vigilance Law
- US UFLPA
- US Supply Chain Resiliency Act
- Australia Modern Slavery Act
- Norway Transparency Act

The European Commission's 2030 Vision for Textiles

All textile products placed on the EU market are:

- durable, repairable and recyclable,
- to a great extent made of recycled fibres,
- free of hazardous substances,
- produced respecting social rights.

Mandatory and harmonized rules to manage textile waste

Textile sector producers take responsibility for their products along the value chain.

Move to circularity with sufficient capacities for recycling and minimal incineration and landfilling

Notable Sustainability Legislation

Legislation	Region	Key Requirements	Focus	Timing	Effort to Comply
EU Corporate Sustainability Due Diligence Directive (CSDDD)	🇪🇺	Implement systems to monitor and address human rights and environmental risks	Due Diligence	🔴 Adopted	🔴 High
EU Corporate Sustainability Reporting Directive (CSRD)	🇪🇺	Report on ESG impacts using standardized frameworks and third-party verification by 2026.	Sustainability	🟠 Adopted	🔴 High
UK Extended Producer Responsibility (EPR)	🇬🇧	Sets requirements on reporting on pacakging data and the introduction of modulated fees from October 2025	Waste	🟢 In Effect	🟠 Medium
EU Deforestation Regulation (EUDR)	🇪🇺	Traceability of raw materials to provide evidence of deforestation-free products	Sustainability	🟠 Adopted	🔴 High
EU Ecodesign for Sustainable Product Regulation (ESPR)	🇪🇺	Establishes a framework to set ecodesign requirements for specific product groups to improve their circularity, energy performance and other environmental sustainability aspects.	Sustainability	🔴 Adopted	🔴 High

ESPR Overview

- Came into force July 2024

- Builds on Eco-Design Directive

- Covers entire product life cycle

- Applies to any physical good that is placed on the EU market

- Establishes an overall framework

ESPR sets general requirements

↓

Delegated Acts set category specific rules

↑

Acts reference **harmonized standards**

Products in Scope

First working plan to be adopted by **19 April 2025** shall prioritize the following product groups:

- Textiles, in particular garments and footwear
- Furniture, including mattresses
- Tyres
- Detergents
- Paints

- Lubricants
- Chemicals
- Iron and steel
- Aluminium

This regulation shall apply to any physical good placed on the EU market, including components and intermediate products

Actors in Scope

ESPR impacts economic operators along the value chain including:

- Product Manufacturers (both EU and non-EU)
- EU importers
- Distributors
- Dealers (Retailers, Sellers)
- Fulfilment Service Providers.

	Definition	Responsibilities
Manufacturer	Any natural or legal person that: • Manufactures a product / has a product designed or manufactured AND • Markets that product under their name or trademark	• Products have been designed / manufactured in in line with performance requirements • Products are accompanied by the information required • A digital product passport is available
Importer	Any natural or legal person *established in the Union* that: • Places a product from a third country on the Union market	• Only place on the market products that comply with the requirements
Distributor	Any natural or legal person in the supply chain, *other than the manufacturer or the importer,* that: • Makes a product available on the market	• Product is linked to a digital product passport • Product is accompanied by the required documents

Goals and Objectives

Improve Product Sustainability

↓

Eco Design Requirements

Free from Hazardous Materials

↓

Substances of Concern

Reduce Incineration & Landfilling

↓

Unsold Goods

Support Consumer Decision Making

↓

Digital Product Passport

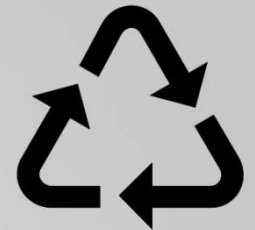# Eco Design Requirements - Areas

Extend Product Lifecyle

Reduce Environmental Footprints

Promote Circular Economy

Prevent Waste

Promote Recycled Materials
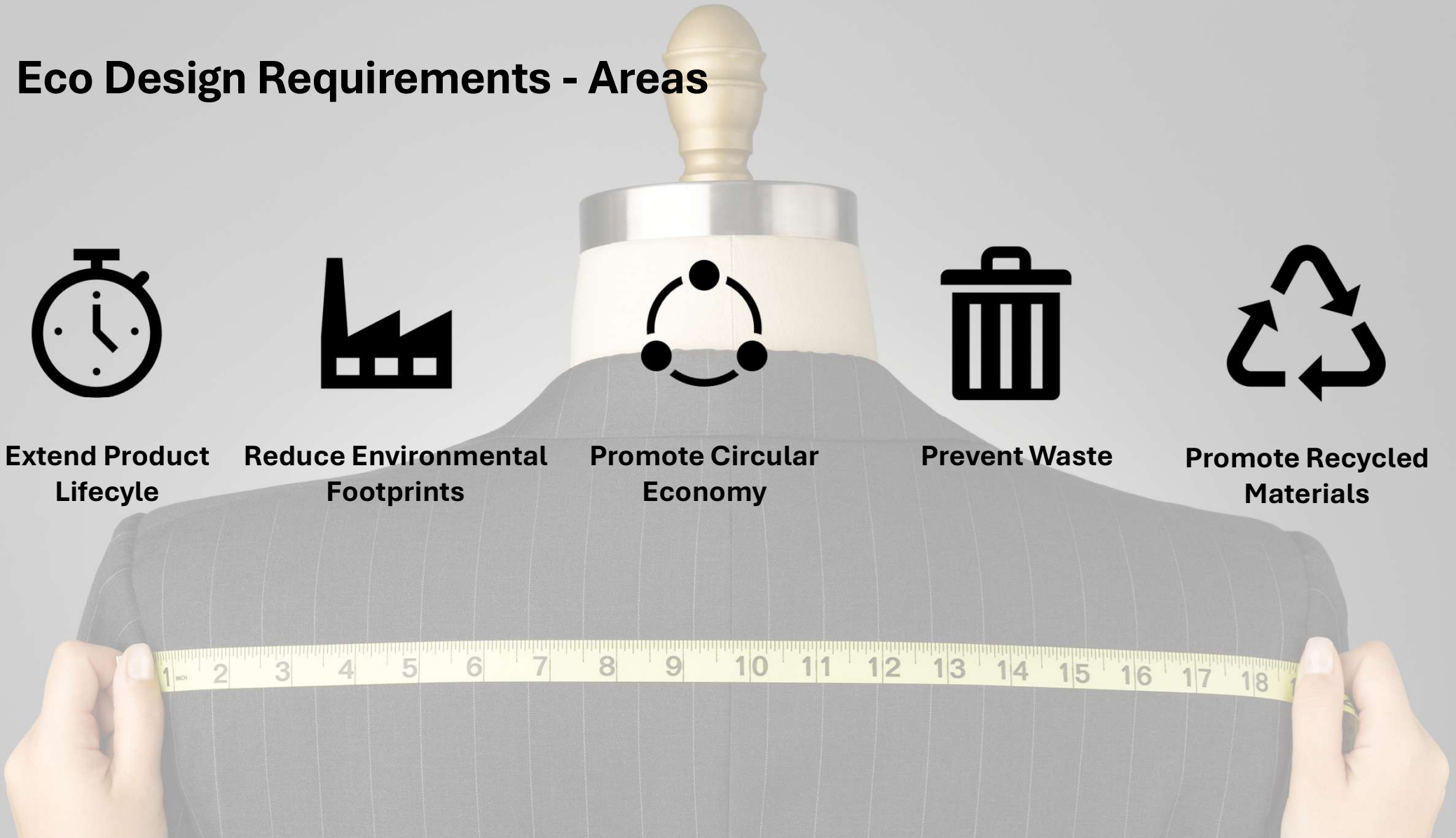
Eco Design Requirements - Types

Performance

Information

Product-Specific

- Minimum recycled content
- Restriction of substances
- Restriction of materials

- Substances of Concern
- Environmental Footprint
- Reuse / recycling guidance

Horizontal

- Resistance to stress
- Resistance to ageing
- Minimum durability

- Repairability scoring index
- Recyclability scoring index
- Traceability

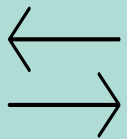# Unsold Goods

Reporting
Disclose the number, weight and reason for the destruction of unsold goods per financial year.

Ban
Destruction of apparel and footwear will be prohibited.
Note: destruction covers recycling, other recovery and disposal.

Timescales:

Large enterprises – Mid 2025
Medium enterprises - Mid 2030

Large enterprises – Mid 2026
Medium enterprises - Mid 2030

Exceptions:

- Micro and small enterprises are not in scope
- Samples / testers are not considered unsold goods
- Does not include damaged goods which cannot be repaired

Digital Product Passport

Physical Scanning

Product Page
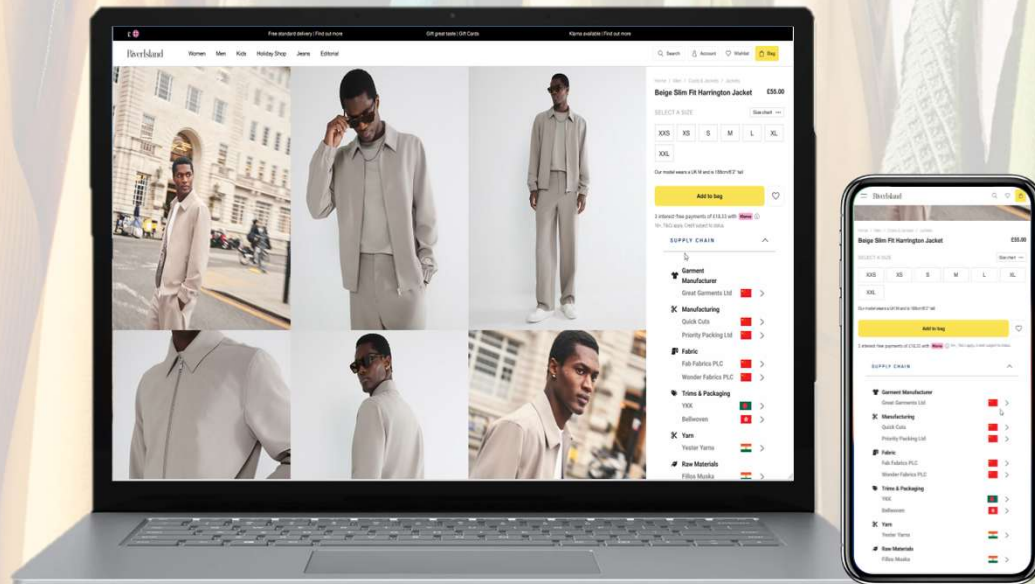
- Products without a DPP will **not be allowed on the EU Market**

- **Data Carrier** (QR Code) will need to be physically present on the product or packaging

- DPP may be required at **item, batch or product level**

- The DPP should remain available throughout the expected **product lifetime**

- DPP data must be **backed up** through a third party

- DPP data must be submitted to a **central registry**

- The EU Commission will set up a **web portal** for stakeholders to search and compare information.

Data Requirements

Product

- Product Identifier
- Product Description
- Composition
- Substances of Concern
- Recycled Content
- Certifications
- Performance
- Environmental Footprint
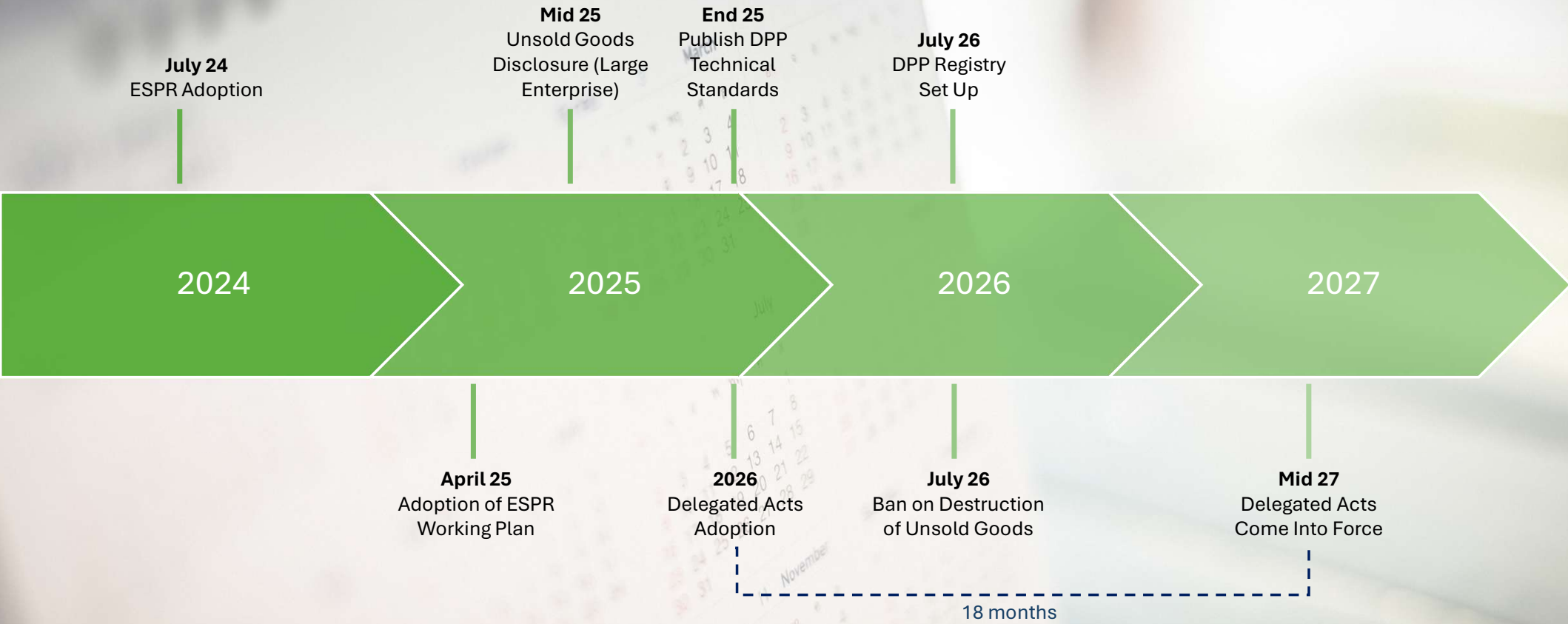
Supply Chain

- Manufacturer Details
- Production Processes
- Components
- Facility Identifier
- Transport
- Resource Use

Use and Care

- Care Instructions
- Repair Guidance
- Reuse Guidance
- Recycling
- Recovery of Materials
- Labelling

ESPR Milestones

July 24
ESPR Adoption

Mid 25
Unsold Goods
Disclosure (Large
Enterprise)

End 25
Publish DPP
Technical
Standards

July 26
DPP Registry
Set Up

2024

2025

2026

2027

April 25
Adoption of ESPR
Working Plan

2026
Delegated Acts
Adoption

July 26
Ban on Destruction
of Unsold Goods

Mid 27
Delegated Acts
Come Into Force

18 months

ESPR Next Steps

Check How Legislation Applies To You
- Products in Scope
- Size of Business

Jan 2025 - March 2025

Engage Stakeholders
- Engage e-commerce and IT teams
- Consider how and where you want to host DPP

March 2025 – June 2025

Deploy a data capture system
- Manual request and chasing using Email and Excel, or
- Implement a tech platform to automate the process

March 2025 – June 2025

Labelling
- Investigate data carrier options
- Analyze impacts of artworks and care label size

March 2025 – June 2025

Start Data Mapping
- Identify actors and components in upstream supply chain
- Understand any current gaps in data collection

July 2025 – Dec 2026

How Can Segura Help?

Traceability
- Provides retailers with visibility beyond tier one
- Identifies actors, processes and components in upstream supply chain
- Gather data for recyclability, emissions and compliance.

Data Collection
- Product data – composition, weight, performance data
- Supply Chain data – location, processes, emissions data
- Use and Care Guidance – repair and reuse information

Data Verification
- Two-step verification to ensure accurate data collection.
- Data capture at product, item or batch level
- Collect and manage supporting evidence, such as certificates and audits.

Risk Monitoring and Reporting
- Monitor information collection
- Alert retailers to any gaps or potential risks.

Digital Product Passport
- Integrated DPP module
- Middleware