



# **Business initiatives for sustainable garment and apparel supply chains**

20/06/2023

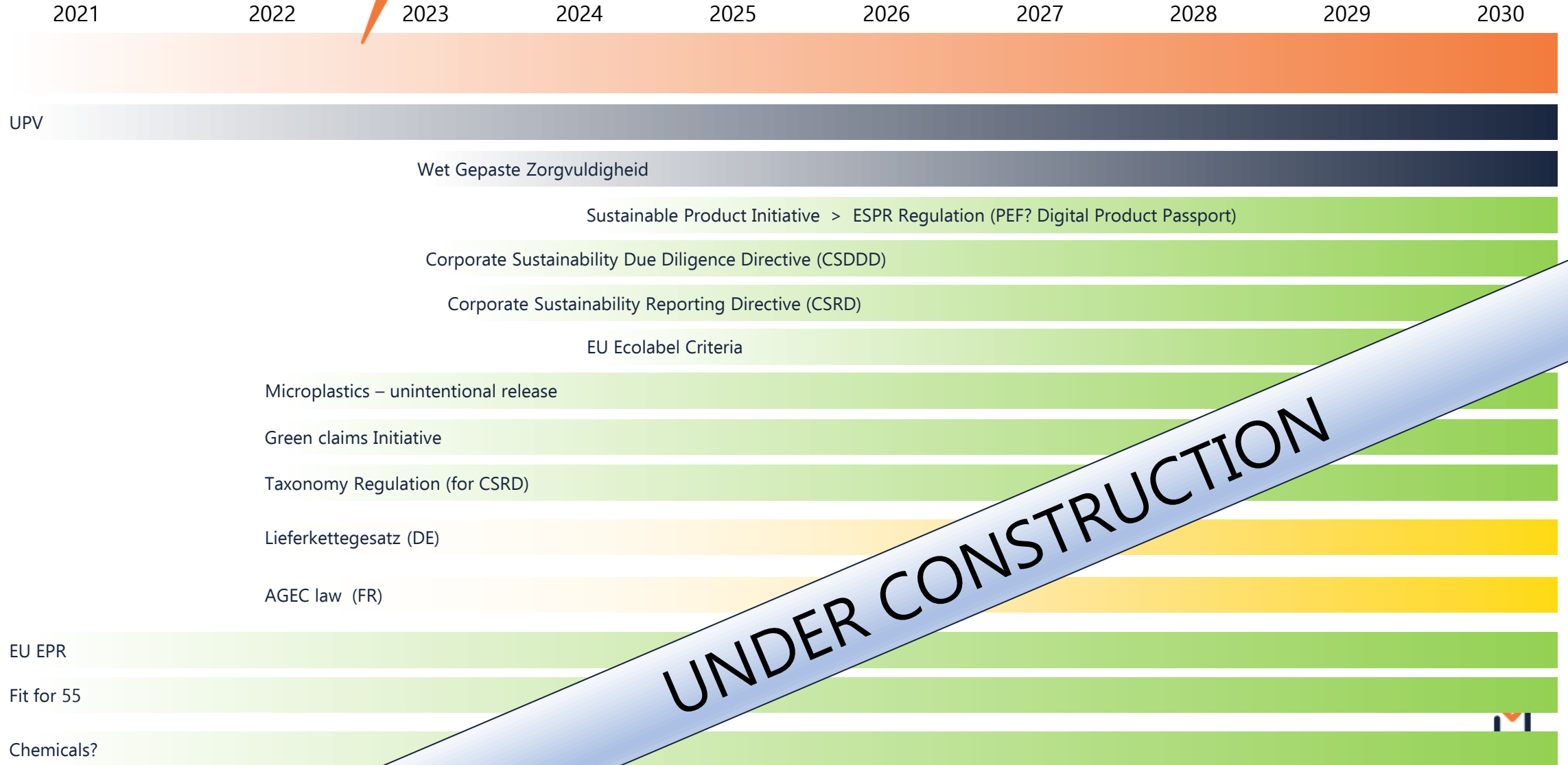
# EU Strategy: Sustainable and circular textiles - 2030



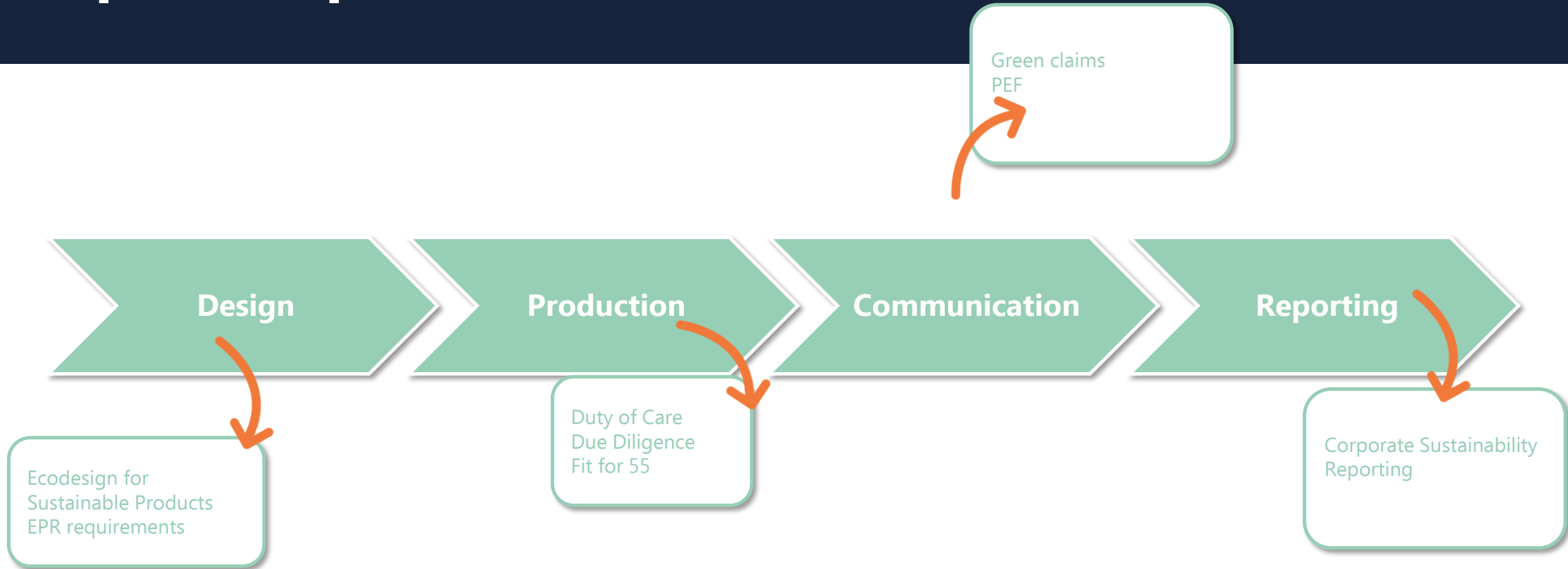
Measures include:

- New **design requirements**, setting mandatory minimums for the inclusion of recycled fibres in textiles
- Clearer information on textiles and a **Digital Product Passport** based on mandatory information requirements on circularity and other key environmental aspects
- Tight controls on **greenwashing**
- Action to address the unintentional release of **microplastics** from textiles
- **Harmonised EU rules on EPR for textiles**
- The initiative might consider setting targets to significantly step up reuse and recycling efforts as well as **green public procurement** in the EU.
- Reverse **overproduction** and **overconsumption**, discourage **destruction** of unsold or returned textiles.
- Incentivise **circular businessmodels**
- The co-creation of a **Transition pathway** for the Textile Ecosystem to establish the way forward and set out concrete steps.
- **Quite an ambitious agenda!!**





# Impact on process



# Corporate Sustainability Due Diligence directive (CSDDD)



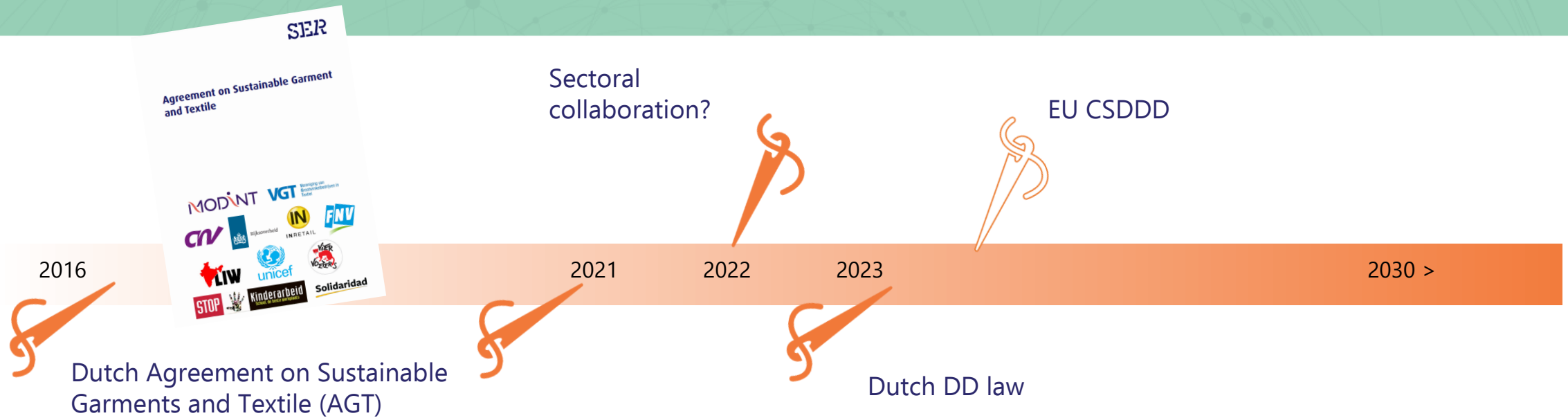
The aim of this Directive is to foster sustainable and responsible corporate behaviour and to anchor human rights and environmental considerations in companies' operations and corporate governance. The new rules will ensure that businesses address adverse impacts of their actions, including in their value chains inside and outside Europe.



# Agreement on Sustainable Garments and Textiles



# MODINT.



A broad coalition of businesses and other organisations worked together during the term of 5.5 years to improve working conditions, prevent pollution, and promote animal welfare in production countries, implementing the due diligence expectations of the OECD Guidelines.


# Project: Transparency tool





# Traditional supply chain mapping

Fabric finishing*		Please specify the processes	Continuous / batch semi-continuous	specify equipment, liquor ratio, tba...	heat exchange tba	Producer	Town and Country		
MAIN FABRIC	pre-treatment (scouring, bleaching, - Dyeing <b>Fixation</b> washing, rinsing finishing drying	Rope Dyeing Cinder Dyeing	batch cont cont cont cont		Y/N Y/N Y/N Y/N Y/N	DIM TEXTILE FOR SPINNING, WEAVING AND	Damietta/Egypt		
	Covers if applicable Covers if applicable Covers if applicable				Y/N Y/N Y/N				
*please complete as detailed as possible; you might have to add extra rows									
Manufacturing (cutting)		Composition end product	Composition	%	Cutting waste %	Recycled	Producer	Town and Country	Is waste recycled?
MAIN FABRIC	Fabric 1 MAIN FABRIC Fabric 2 POCKETING TBA	N20CO %IEL N10CLY %NEME		100					Y Y/N
Processing (Cutted fabric)		Description							
	Print coin pocket Print back pocket Print pocket bag Embroidery	Silicone print L8 cm2 Silicone print 2.4 cm2 Plastic print 21L2 cm2 -							



Police Resources

Contact: 311

Style name:

Style no:

Description:

Size range:

Police Resources

Item: **JV Strain DSD**

**PT150-DSD**


**DAIRY BLUE DENIM**

Sample link:

**PM V20 35**

**2561-Dairy Pants**

35



**Printed 25-36**

PM6: Buttons

up 114

Item ID	Qty	Item SKU	Item SKU	Item SKU	Category	Description	Fluoresce	Size	Details	DSD Item	DSD Item	DSD Item	DSD Item	DSD Item	DSD Item	DSD Item
	0		JV 2000-DAIRY BLUE - JV2000-DAIRY BLUE	JV 2000-DAIRY BLUE - JV2000-DAIRY BLUE	Strain DSD	Fabric	3500CT V20	BODYFAB	35	DAIRY BLUE	DAIRY BLUE	DAIRY BLUE	DAIRY BLUE	DAIRY BLUE	DAIRY BLUE	DAIRY BLUE
	1	1	TC	TC	Local Supplier	Fabric	Bolington	Footlock	TC	TC	TC	TC	TC	TC	TC	TC
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	1	1	TC	TC	Local Supplier	Fabric	Bolington	Footlock								

[illegible]

DNM TEXTILE SPINNING, WEAVING AND DYEING						
<div>  <div> <b>OFFICE</b>  Abdurrahman Nafiz Güman Mah. General  Al Rıza Gürden Cad. Haldun Taner sok. C  Blok No:2 K:17 Merit Platform - Merit  Güngören İSTANBUL / TÜRKİYE  P: +90 (212) 465 50 99 Pbx  F: +90 (212) 465 8232 </div> <div> <b>MILL</b>  Public Free Zone  Dahmetta EGYPT  P: +20 (57) 229 23 30 Pbx  F: +20 (57) 229 2331 Pbx  F: +90 (212) 465 8232 </div> </div>						
FABRIC SPECIFICATION						
ARTICLE NAME : ARON EMERALDBLUE_ORG	PRD NO : 76014					
SAMPLE NAME :	DATE : 29.10.2019					
COLOR : EMERALDBLUE						
CONSTRUCTION						
WEAVE	3/1 RHIT					
COMPOSITION	%62CD %32EL %63JLY %4HEM					
NOTE	82 % ORGANIC COTTON					
QUALITY CONTROL						
4 POINT SYSTEM						
SHADE CONTROL SYSTEM						
SHADE CONTROL RECIPES						
PHYSICAL	Test Method	units	MIN	AVG	MAX	REMARKS
WEIGHT	ASTM D3776	gr/m2	370	389	409	RAW FABRIC
		count/yds	10,90	11,50	12,05	
WEIGHT	ASTM D3776	gr/m2	415	437	459	1*90 HL
		count/yds	12,25	12,90	13,54	
USABLE WIDTH		cm	153			RAW FABRIC
SHRINKAGE Warp	ISO 6330	%	-1		-4	1*90 HL
SHRINKAGE Weft	ISO 6330	%	-11		-14	1*90 HL
SKID MOVEMENT	LASCO Method 2	%	-3		3	1*90 HL
TEAR STRENGTH Warp	ASTM D5-024	gr	4300			1*90 HL
TEAR STRENGTH Weft	ASTM D5-024	gr	3300			1*90 HL
TENSILE STRENGTH Warp	ASTM D5034	kg	65			1*90 HL
TENSILE STRENGTH Weft	ASTM D5034	kg	40			1*90 HL
STIFFNESS	ASTM D4032	kg		N/A		RAW FABRIC
WARP ELONGATION	ASTM D3357	%		N/A		RAW FABRIC
WARP ELASTICITY	ASTM D3357	%		N/A		1*90 HL
WEFT ELASTICITY	ASTM D3357	%	32		38	1*90 HL
WARP GROWTH	ASTM D3357	%		N/A		1*90 HL
WEFT GROWTH	ASTM D3357	%	3		6	1*90 HL
SEAM SLIPPAGE (Warp x Weft)	ASTM D5683	kg		N/A		1*90 HL
pH	ISO 3078/Moraxen	Value	4,5		7,5	RAW FABRIC
COLOR FASTNESS	Test Method	units	MIN	AVG	MAX	REMARKS
CHOOING Dry	AATCC 8	rating	3			RAW FABRIC
CHOOING Wet	AATCC 8	rating	1,5			RAW FABRIC
VISUAL	Test Method	units	MIN	AVG	MAX	REMARKS
Dp/100m2		dP		14	20	
Major Defects/100m		#defects			5	
Piece Length		MT	15			
Roll Length		MT	30			
#Piece / Roll		PCS			3	
Max SHIRDED for 50000 int (slipments)		Value			4	
Max SHIRDED for 10000->300000000 slipmt		Value			6	
Max SHIRDED for 100000->int (slipments)		Value			8	
Care Instructions		Certifications				
<b>Fabric:</b> 						
fabric is sensitive to stone, before stone wash, pls try & see on a small batch						
<b>Garment:</b> 						



# Project:

Digital tool for Corporate Sustainability:

- Sector specific
- Suitable for SME
- Relevant questions
- Social
- Environment
- Trustworthy data



Rijksdienst voor Ondernemend  
Nederland



# Project tool flow

Request

Registration

Supply chain mapping

Questionnaires

Submit

Assess

1

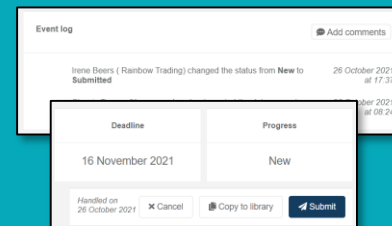
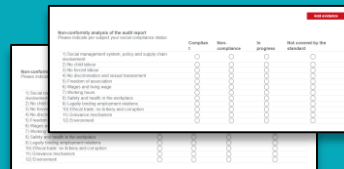
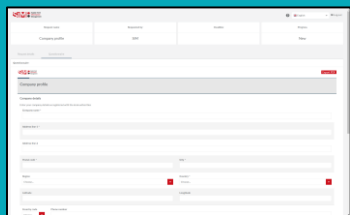
2

3

4

5

6



Brand creates product and sends out data request

Supplier registers open data request for Supply Chain mapping and BOM

Supplier maps supply chain, possible cascading to sub suppliers

Supplier fills in identified risks questionnaires (or cascades)

Data gets sent back to Brand

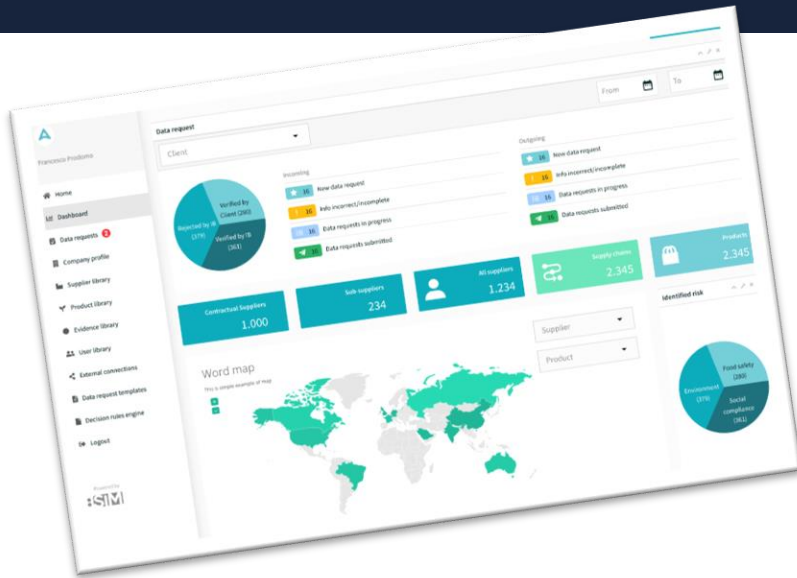
Brand assess information



# Project tool supply chain mapping



# Learnings:



- Map your value chain
- Define data need
- Define relevant data
- Verifiable
- Measurable
- Data has value
- Differentiate between data and information
- Make sure your data is safe
- Start timely
- Visit locations

# Ecodesign for Sustainable Products Regulation

(ESPR)



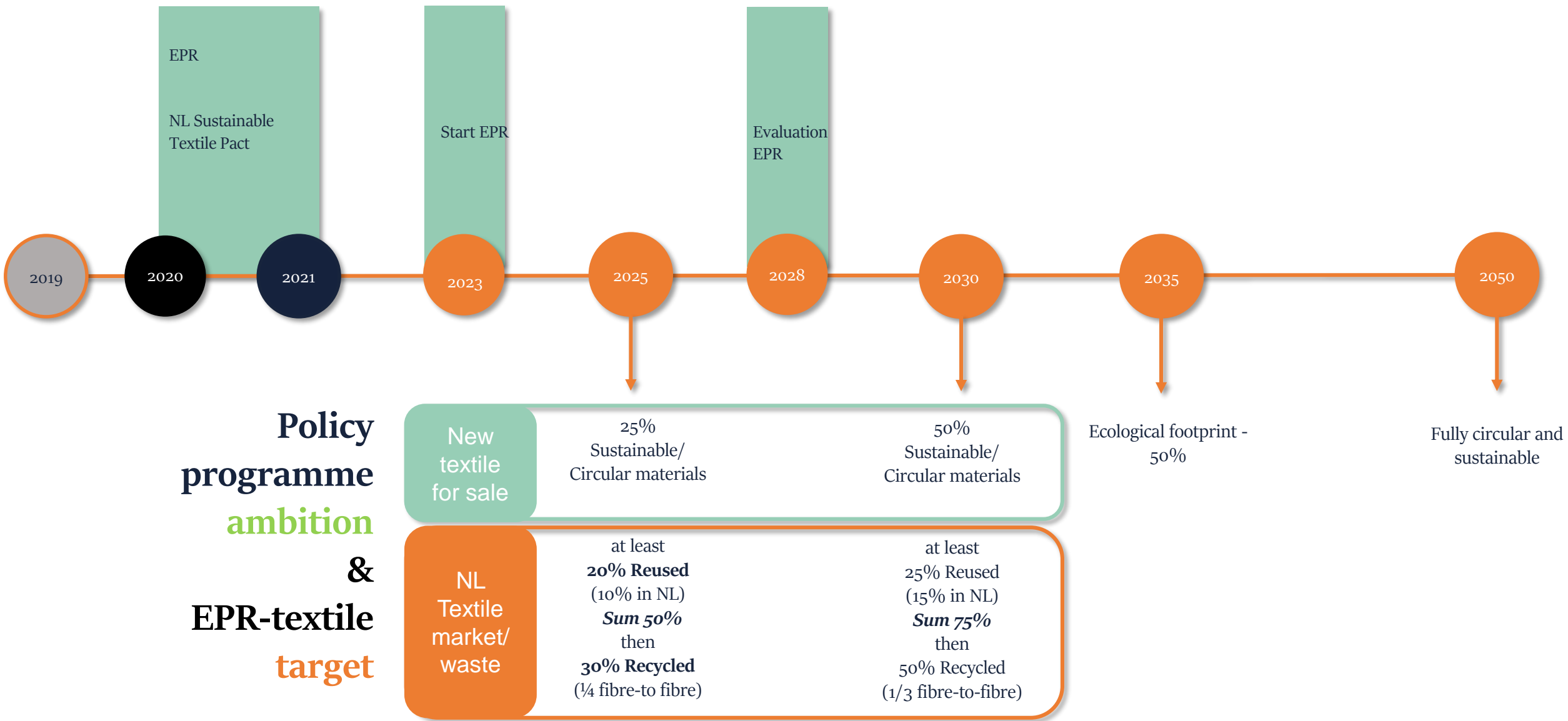
The framework will allow for the setting of a wide range of requirements, including on

- product durability, reusability, upgradability and reparability
- presence of substances that inhibit circularity
- energy and resource efficiency
- recycled content
- remanufacturing and recycling
- carbon and environmental footprints
- information requirements, including a Digital Product Passport

# **Extended Producer Responsibility: Foundation for collective approach**









# Recommendations



## Recommendations from business association perspective



- Cooperation in supply chain
- Education
- Tooling is important
- Reliable data
- Systems: Try before you buy
- Practical support for companies
- Collective approach is needed

**Thank you!**

