

# Introducing MultiEcoTex™



The digital platform for sustainable decision-making in the textile industry

**LCS1 - Raw materials**

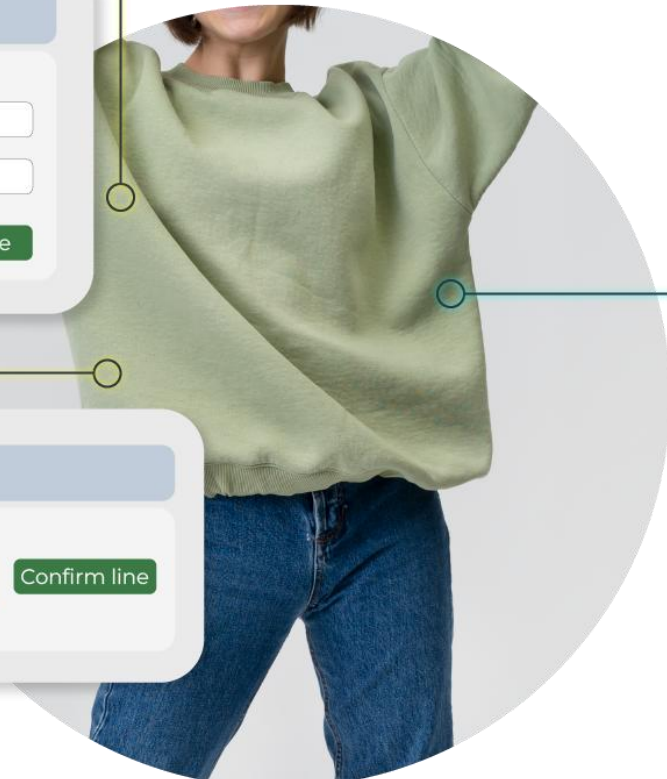
Material	Mass (kg)	Countries	%	€
M4 - Cotton	1.5	ES - Spain	80	2.3
		IN - India	20	1.7

+ Add material Save

**LCS2 - Process configuration**

Country	% of process	Lines
ES - Spain	100	Ring spinning 1

+ Add line Confirm line



**Results**

Water scarcity	4.5 m <sup>3</sup>
Global warming	5 kg CO <sub>2</sub> eq.
Abiotic depletion	15 MJ
Cost	6.5 €

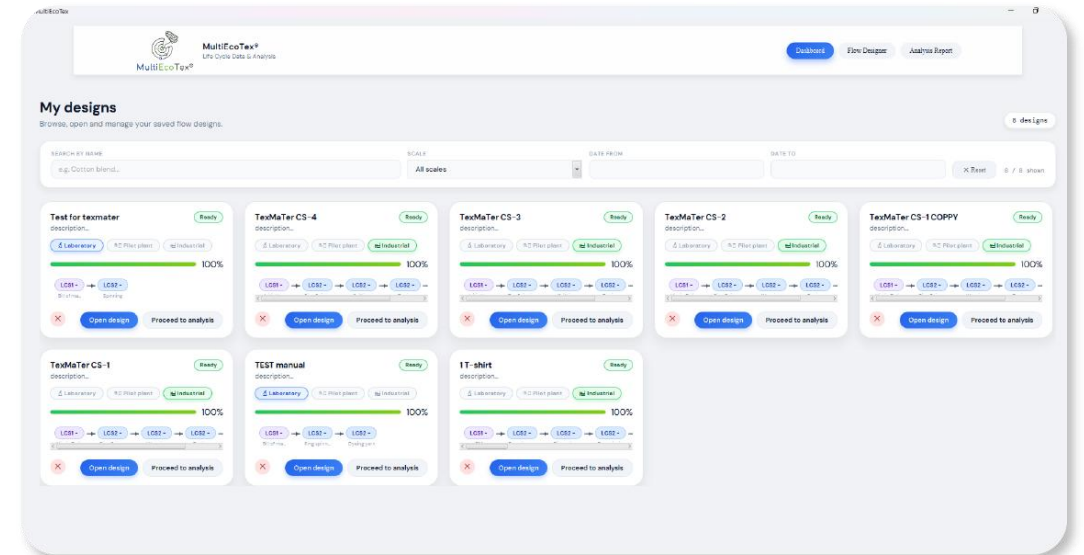
# Map. Analyze. Optimize. Transform.

MultiEcoTex™ is a unique **digital platform** designed to:

- **map,**
- **digitalize,**
- and **analyze**

the entire **apparel textile value** chain through an **eco-design** approach.

By integrating **environmental, economic, and societal dimensions** into one comprehensive model, the platform helps companies make smarter, data-driven decisions aligned with **ESG priorities, circularity** goals, and **regulations** such as the European Ecodesign for Sustainable Products Regulation (ESPR).



# Sustainability in eco-design



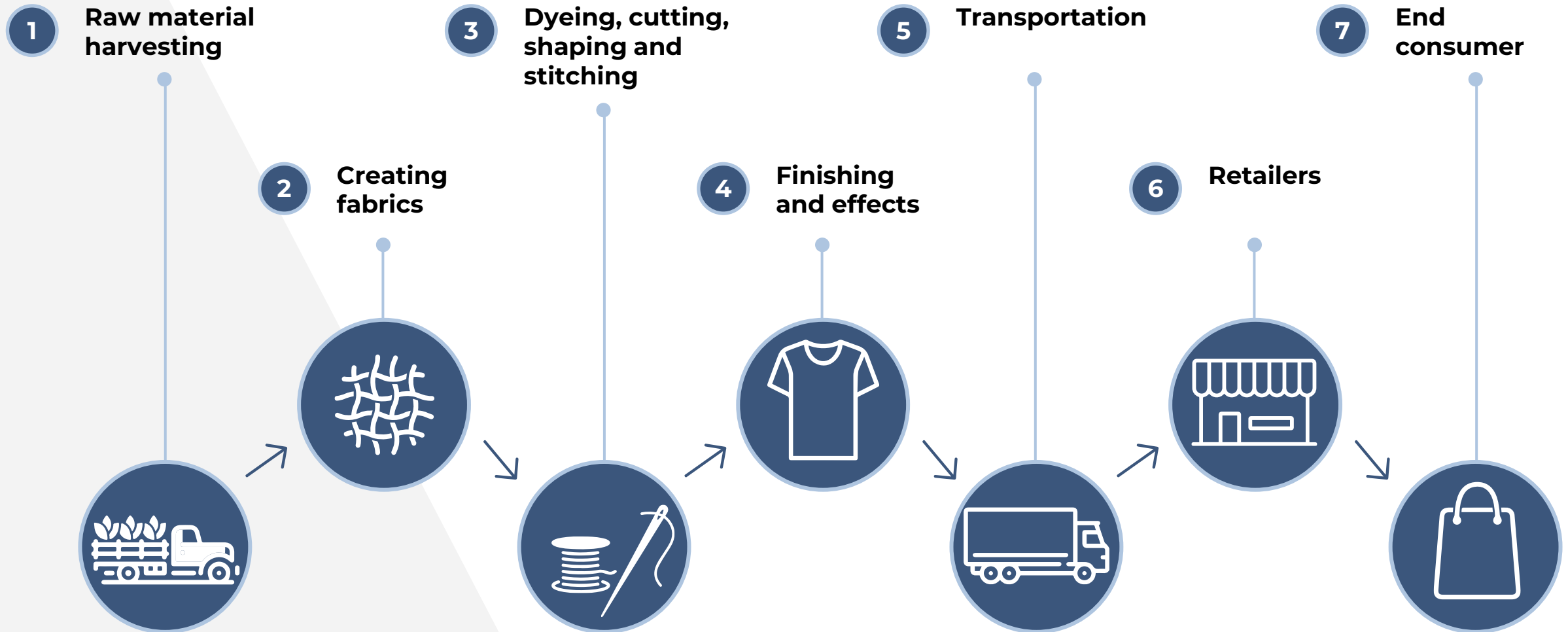
## Objectives and Use

**MultiEcoTex™ digital platform** makes **eco-design** in Apparel Textile Industry and Market **a sustainable task:**

- **real time eco-design** assessments
- **costs savings** in eco-design
- **fast comparative assessments** towards cost effectiveness for products and processes
- **reduced time to market** of cost effective and sustainable products

# Eco-design and costing

How to assess the value stream in such a complex system characterized by many diverse factors: production, manufacturing, logistic and transport, distribution options?



# Why MultiEcoTex™

Sustainability requires better decisions



The textile and fashion industry is facing increasing pressure to reduce environmental impact, improve transparency, and comply with **new sustainability regulations**.

As companies face increasing regulatory pressure and market demand for sustainable practices, there is a critical need for advanced tools capable of managing the **complexity** of modern **value chains**. MultiEcoTex™ has been developed precisely to **address this challenge**.



**Flexible analysis depth**



**Strategic decision support**



**Complete cost assessment**

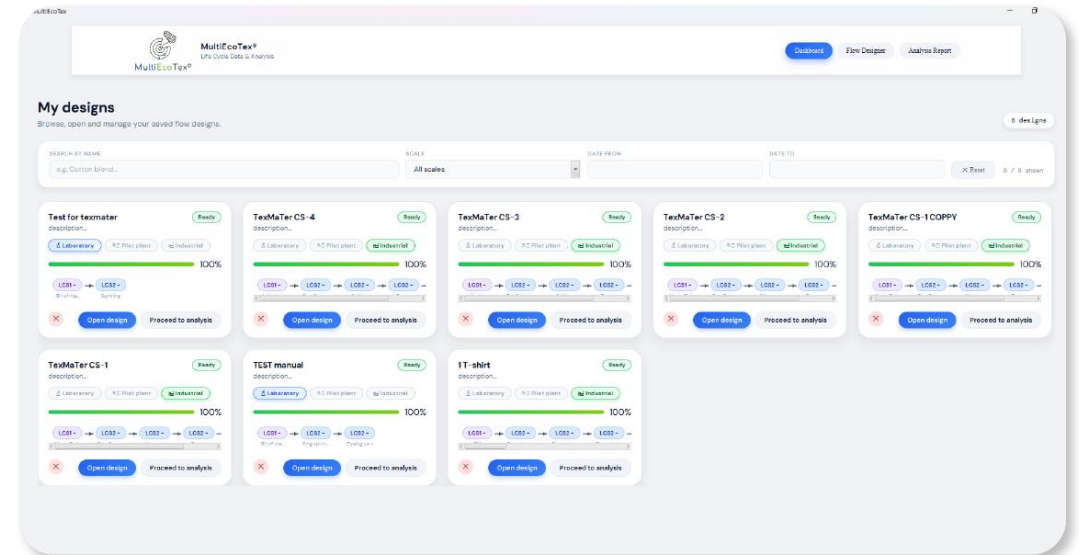
# Better decision-making

Create, compare, and optimize sustainable solutions with a platform designed for every level of expertise.

MultiEcoTex™ offers an intuitive and user-friendly interface that allows users to create, save, and manage **multiple case studies** with ease. Previous **analyses** can be revisited at any time, **parameters** can be modified, and **simulations** can be relaunched to explore **alternative scenarios**.

This flexibility is essential for eco-design, enabling companies to **compare** materials, production processes, and supply chain models to identify the **most sustainable and cost-effective solutions**.

Thanks to its **multilayer approach**, the platform supports both advanced users who need fully customized models and newcomers who benefit from predefined templates and guided workflows.



# Map the entire supply chain

Enable product and material traceability across every stage of the textile value chain.

MultiEcoTex™ allows companies to visually map the **full supply chain** -from fiber sourcing to finished product and end-of-life management- across all tiers of production.

By integrating **geographical mapping** with **life cycle analysis**, users gain **full visibility** over where materials come from, how products move through the value chain, and where impacts occur.

This enables complete product and material traceability, helping organizations **monitor suppliers, assess sourcing strategies, improve transparency, and maintain control** over every step of the process. From raw material origins to manufacturing locations, logistics flows, and circularity pathways, every connection becomes **clear and measurable**.



# Thank you for your attention!

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