

ESG VERTICAL FOR SUSTAINABILITY AND TRACEABILITY SUSTAINABLE PRODUCT JOURNEY

KEY REGULATIONS

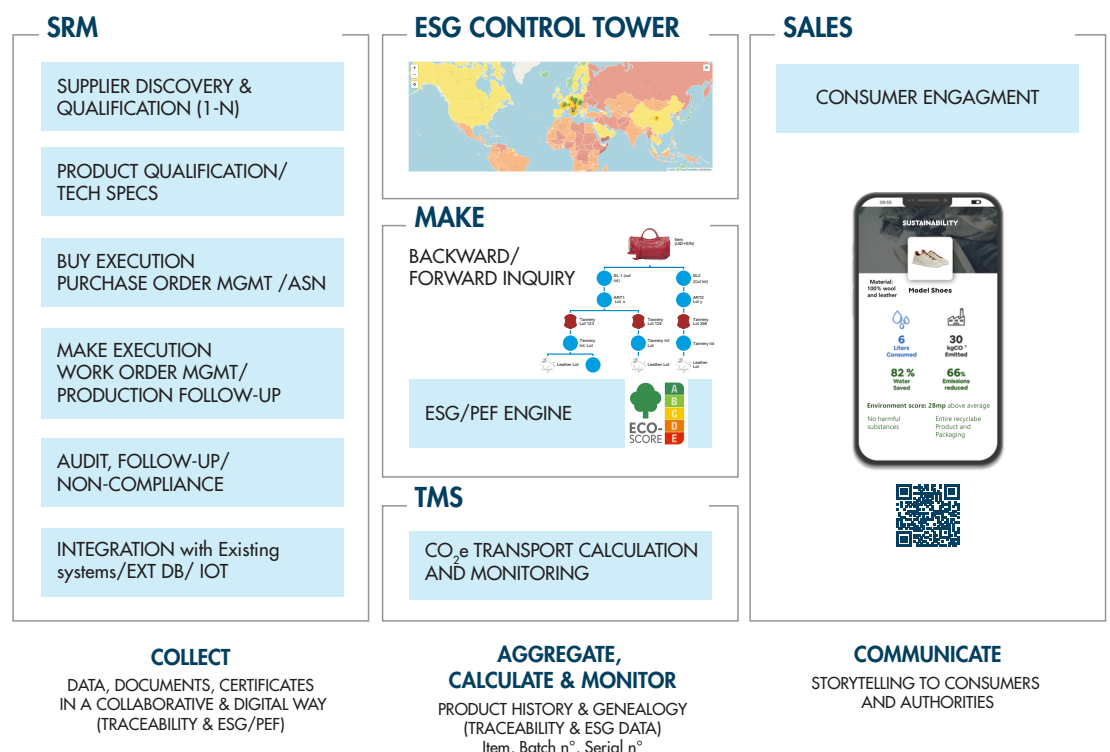
- EU Corporate Sustainability Reporting Directive (CSRD)
- European Sustainability Reporting standard (ESRS)
- Product Environmental Footprint (PEF)
- EU Eco-design for Sustainable Products Regulations (ESPR)
- Digital Product Passport (DPP)
- France anti-waste for Circular Economy (AGEC)
- Germany Supply Chain Due Diligence Act (LKSG)
- EU Corporate Sustainability Due Diligence Directive (CSDDD)
- U.S. Uyghur Forced Labor Prevention Act
- Convention on International Trade of Endangered Species (CITES)

Environmental, Social, and Governance (ESG) issues are increasingly entering the **priorities of corporate** management, imposing a review of the main supply chain processes starting from the relationship with suppliers to the engagement of the end consumers. Traditionally, supply chain management has focused on finding the balance between improving economic performance and ensuring the best level of service to avoid disruptions in the chain. But in recent years, there has been an increasing focus on environmental and social issues and regulatory compliance, so much so that it has become the third axis of performance analysis.

Regulators and monitoring authorities, investors, and consumers are the three actors that are pressing companies hardest to define and implement ESG strategies. Existing **regulations** and regulations on the horizon make corporations increasingly **responsible** for their business partners' illegal or unethical conduct.

Sustainability implies Traceability and Transparency, namely the ability to collect all data on the different supply chain processes to be more transparent and ready to disclose verifiable and unalterable (Blockchain) product traceability information to meet the expectations of corporate investors and consumers who wish to buy more sustainable and ethical products.

The **ESG vertical offering** takes full advantage of the collaborative potential offered by the **TESISQUARE Platform**, integrated with **Elision's IoT Competence Center** to provide companies with digital solutions for traceability and governance. These capabilities help companies pursue product compliance goals related to human rights, environment, and regulations, balancing profit, service level, and ESG KPIs.



ESG VERTICAL SOLUTION

- TESISQUARE with **SRM** offers features and capabilities for data collection from Suppliers (level 1-n), including Traceability and ESG data, at different levels of granularity (corporate, item, batch, serial).
- Traceability and ESG data (including data for PEF = Product Environmental Footprint) can be collected through a Collaborative web Portal, Integration with existing systems and external databases (**integration layer**), and via **Field integration (IOT)**.
- Product Traceability/ESG data & events are managed in the **Product Genealogy module**.
- **ESG Control Tower**.
- Notarization in **Blockchain** (Aura)

LEVERAGING ECOSYSTEM CAPABILITIES

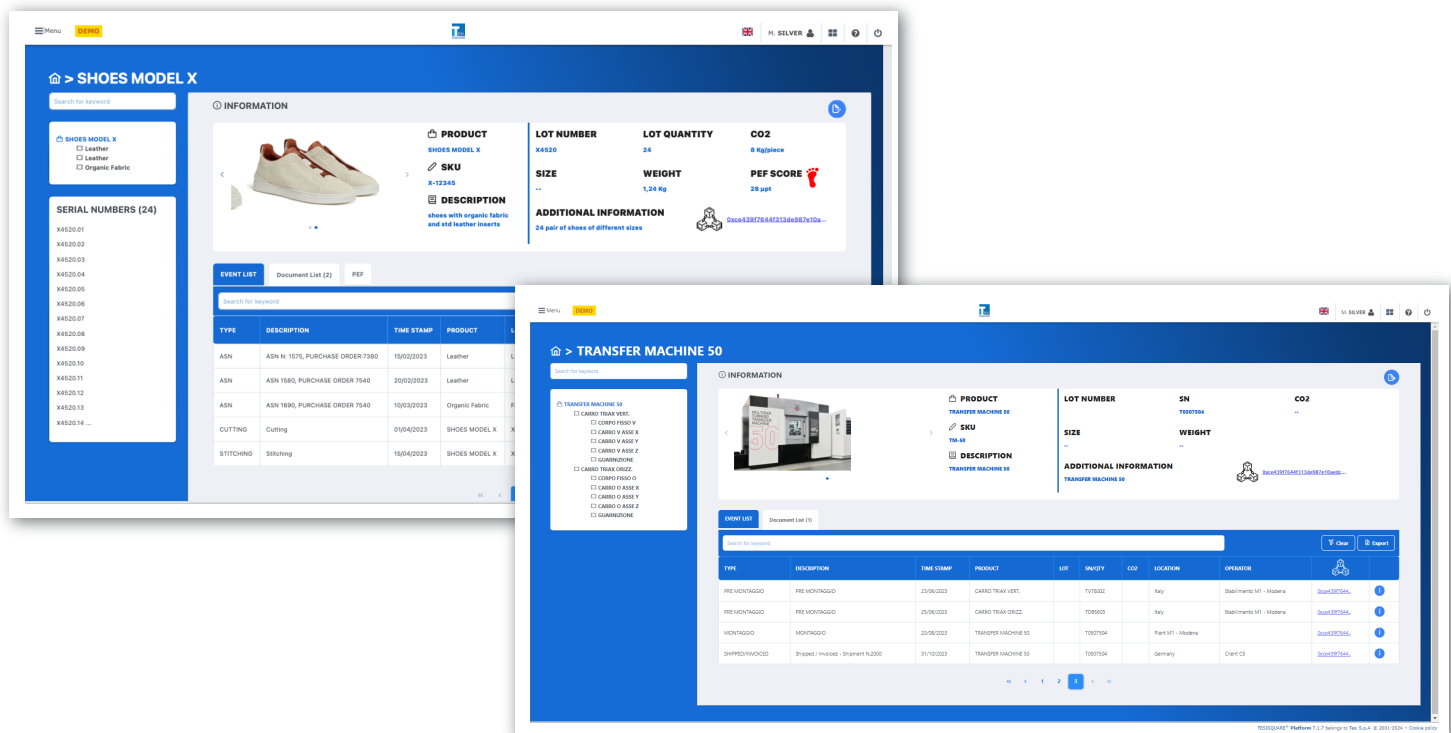


The IoT
Company
by Tesisquare®

COMPREHENSIVE 360° APPROACH TO ESG & TRACEABILITY THROUGH COLLABORATION WITH:

NORMATEC
(REGULATIONS, DIRECTIVES,
METHODOLOGY)

CONSULTANT COMPANIES
(CHANGE MANAGEMENT,
SUPPLIER ONBOARDING, TRAINING)



BEYOND REGULATORY COMPLIANCE

Introducing Traceability & Digital Product Passport is a journey with significant changes to processes, ecosystem collaboration, and investments in technology (applications & IoT), but benefits go beyond regulatory compliance.

- Improve **Accountability** and reduce overall **stakeholders' Risks**, protecting brand reputation and **value**.
- Establish **Consumer communication**, especially concerning transparent social, ethical, and environmental policies.
- Better **recall management**, identification of defective lots/batches from suppliers, defect and incident managing and reporting.
- Better manage repair, upgrade, and circularity mechanisms and develop new **after-sales services** (maintenance, secondhand, etc.).
- Facilitate **compliance** with the Corporate Sustainability Reporting Directive (CSRD).



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