



TextileExchange
Creating Material Change

Blockchain & Sustainability Standards

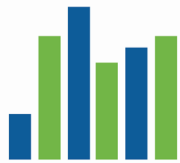
Textile Exchange

UNECE – Blockchain/distributed ledgers for traceability and due diligence in garment and footwear value chains in a circular economy • 11 September 2019

Textile Exchange



Textile Exchange **inspires** and **equips** people to **accelerate sustainable practices** in the textile value chain. We focus on **minimizing the harmful impacts** of the global textile industry and **maximizing its positive effects**.



Benchmarking



Tools & Reports



Standards



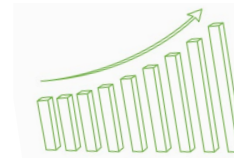
Learning Center



Working Groups &
Round Tables



Convening &
collaborating



Fiber Commitments

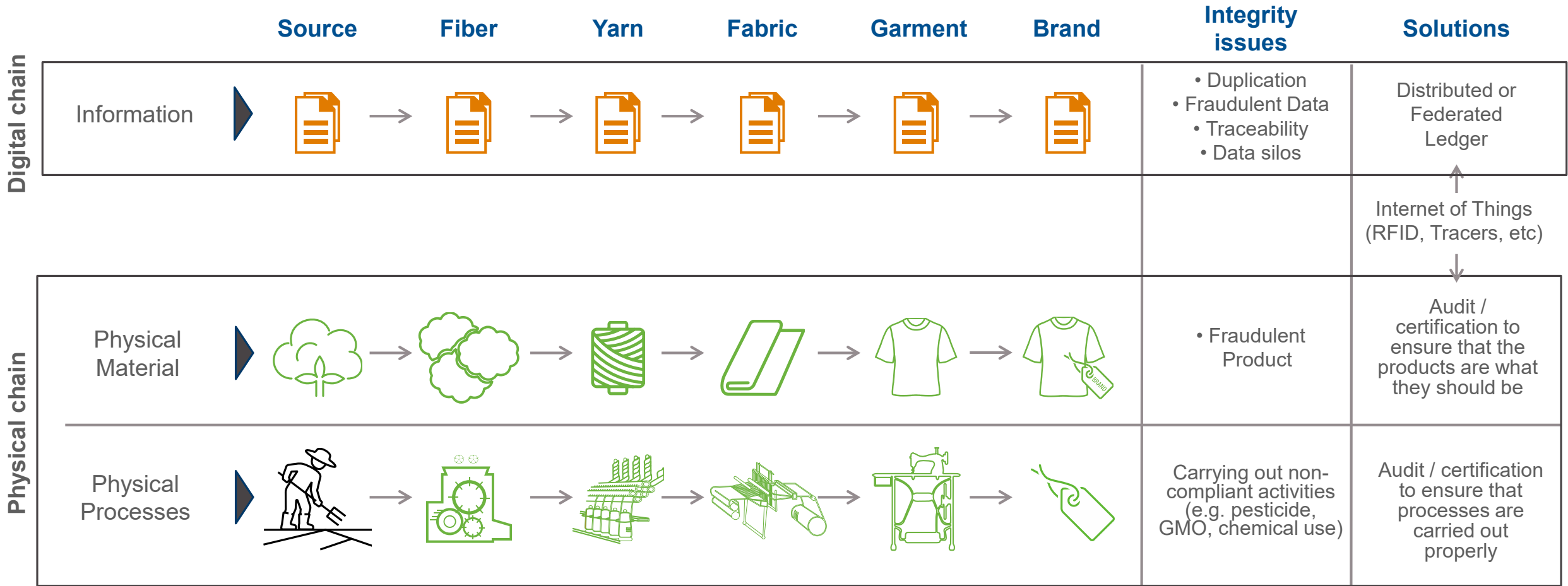


SDG Resources

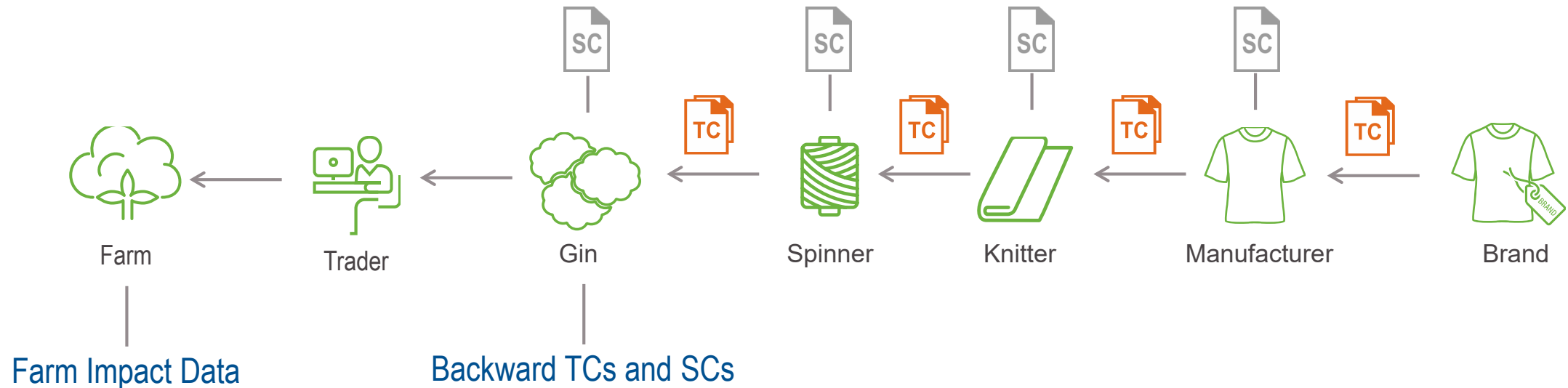
Sustainability Standards



Sustainability Standards in Blockchain



Central Database System



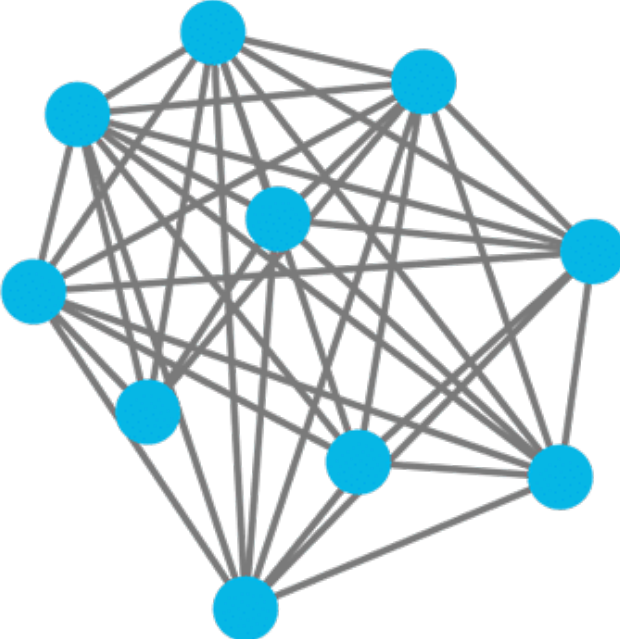
- Centralize Scope and Transaction Certificates and enable real time traceability
- Increase efficiency, traceability and transparency of the related supply chains
- Greater access to certification data for monitoring, evaluation and continuous improvement

- Prevent duplication of certification by creating a single source for verification and volume reconciliation
- Provide accurate, up-to-date public data on certified companies for sourcing

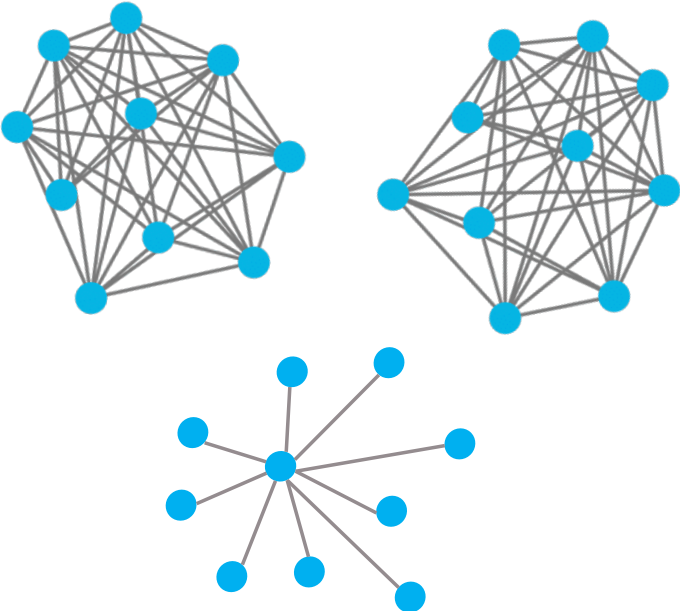
Central Database System

	Blockchain	Central Database System
Database	Distributed When distribution is critical for trust reasons.	Centralized When distribution is not essential (trust exists).
Data Access	Encryption When you have a <u>committed, co-operative</u> and <u>technically skilled</u> consortium.	Access Control When you have a trusted, central industry body with (access to) technical skills.
Data Security	Immutability When encryption and immutability are <u>essential</u> for trust reasons.	Access Control / Log When traditional (but still strong) security controls suffice.

The Future of Blockchain



OR



Thank you



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