



Organic Cotton Traceability Pilot



UNECE meeting on blockchain /distributed ledgers for traceability and due diligence in garment and footwear value chains in a circular economy

11th September 2019

OECD Paris, France



A group of frontrunners have joined forces through a shared vision to create a prosperous organic cotton sector

Our Vision

The Organic Cotton Accelerator (OCA; “oak-ah”) focuses on creating a prosperous organic cotton sector that benefits everyone—from farmer to consumer.

OCA Affiliates, Partners and Supporters

Global Affiliates



Partners and Supporters



What is the Organic Cotton Traceability Pilot?

Overview of the Organic Cotton Traceability Pilot

What is it?



A multi-stakeholder effort to explore promising opportunities for traceability within the organic cotton sector.

Aim



To test the robustness of various verification technologies, and the operational and technical limitations of a farmer-to-consumer traceability system for cotton.

Activities



- A feasibility study that included a laboratory analysis in the US and a field test in India.
- Field testing has been conducted in the cotton supply chain in India and point of sale in Europe.

Timeline

September 2018 – November 2019



Who is the Organic Cotton Traceability Pilot?



Partners

C&A Foundation



Lead Technical Partner



Supporting Technical Partners



Haelixa



CoreBiome

Supporting Partners



Innovative marker technologies combined with blockchain technology provides opportunities for traceability



Marker Technologies



QR Code tagging



NFC tagging



Invisible fluorescents



Visible fluorescents



Synthetic DNA



Microbiome Analysis

Blockchain Platform

SaaS platform providing blockchain traceability and quantifiable measurements for sustainability.



Results... so far



Full lab results from feasibility study were positive



Field testing results are also encouraging (sampling is still ongoing)



It is possible to trace back to farm gate!



OCA's Textile Traceability Task Force will build upon the findings of the Organic Cotton Traceability Pilot



Questions still remain...



Blockchain is one piece of the puzzle, but which piece?



How can on-product markers be integrated into the supply chain?



Where is the business case for traceability?



How can a traceability system be integrated into the organic cotton sector?



Textile Traceability Task Force



Why: Address integrity, sustainability & reputational challenges in organic cotton



Who:

H&M

INDITEX

EILEEN FISHER

TextileExchange

patagonia®

FASHION FOR GOOD

And more...



Purpose & Objective: To develop a comprehensive and harmonised traceability vision and roadmap for the organic cotton sector

Our approach to traceability...



Collaborative & inclusive



Building upon existing initiatives



Long-term scalability

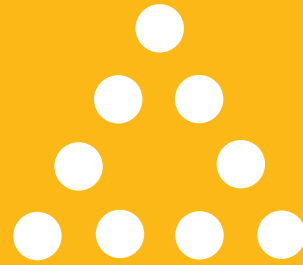


Systemic vision & framework



Understanding of the end goal





Thank you!

Let's Grow the Future Together