

Submitting Country, Organization, Company

ZDHC (Zero Discharged of Hazardous Chemicals)

If Organization or Company, please indicate the approximate number of employees

35

Title of the action

SUPPORTING SHARED AUDITS AND INTEROPERABILITY AMONG PLATFORMS

Upload an image



Relevant Website

<https://www.roadmaptozero.com>

Type of initiative

Foundation / association initiative

Description of action

- By reviewing the latest UNECE data model status, it has been identified that a chemical recipe is desirable in order to account for all the chemical data points on each production step, resulting in a summary of the chemical footprint of the final product, so that it has a list of events based on the chemical journey.
- This will answer the question of how ZDHC can move from facility performance to product performance. Our key action is to identify the data components, code list and identifiers and to capture traceable events that are happening on the value chain so that at the end we have a recipe report, focusing on chemical footprint.
- This chemical footprint will have a validated and verified chain of custody available on the open-source blockchain designed by UNECE to know what events have happened on each production step.

Type of action

Traceability

Transparency

Please select the specific area/s of the action

Norms and standards

Incentives

Research and Development of Innovative Solutions

Awareness and Education

Collaborative initiatives

Business management systems or instruments

Scope of the action, including a description of the value chain processes that are covered

Objective

Chemical Traceability and Transparency.

Commitments

Supporting shared audits and interoperability among platforms.

Value chain scope

Chemical Footprint Traceability.

Timeframe and/or milestones for the action

- The AIM of this Traceability and Transparency Strategy 2021-2022 is twofold (ZDHC internal and external):
 - To design the strategy approach on what is the status of the ZDHC reports (InCheck, ChemCheck, ClearStream) and what needs to be done to align to the traceability strategy.
 - To identify the existing technologies today and what is needed for these to work together, be interoperable and scalable to avoid duplication and lower costs.

Reference instruments and sources used

- ChemCheck, InCheck and ClearStream reports
- ZDCH Gateway tool
- Roadmap to Zero Programme toolbox

Expected benefits and impact for the stakeholders involved

Enhanced visibility of compliance with sustainability requirements by industry actors/partners along the entire value chain

Enhanced traceability of the social/environmental/ethical attributes of product(s)/materials along the value chain; for example, for origin, quality, sustainability performance, and compliance with health and safety requirements for consumers and workers

A measurable impact on sustainability in value chains over time, eventually verified through life-cycle assessments and/or sustainability certifications

Improved working conditions for workers along the value chain and, particularly, those who work for "suppliers to suppliers" in parts of the value chain that today are often "hidden"

Stakeholders involved

Business and industry associations

Non-governmental organizations (NGOs)

Key performance indicators for the action

To set up a full traceability strategy for ZDHC come up with a chemical footprint recipe to move from facility performance to product performance by 2025.

Good practices

- Since the launch of the Proof of Trust report 2020, both organizations ZDHC and UNECE have closely collaborated to co-design the data model to implement blockchain technology in the cotton value chain to increase traceability and transparency across all production steps. The aim of this collaboration is to identify the chemical data components and attributes on each product step with the view to analyze any missing event or results.
- As part of the ZDHC Impact report, this project status quo contributed to the 3rd chapter 'Moving Forward' on enabling transparency and traceability, A Transparent Company created a video interview with the UNECE team to provide updates to the ZDHC community on the status quo and next steps of the Increasing supply chain transparency and enabling traceability from fibre to product based on blockchain technology.

<https://www.roadmaptozero.com/impact-report-2020#3-Enabling-Transparency-and-Traceability>

How has this UNECE-UN/CEFACT Call to Action contributed to strategic engagement and/or public awareness in support of your commitment?

Supporting the Cotton Blockchain pilot since March 2020 by contributing with the chemical traceability and data points.

Link to relevant goal(s) and specific target(s) of the United Nations

