

Country (Insert country of origin of your company / organization or its headquarters' location)

Canada

Submitting Organization/Company

Permet

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

< 50

Please indicate the number of employees

25

Title of the action

Transparency through blockchain implementation within garment manufacturing.

Upload your logo or an image

PERMETSM

Relevant Website

<https://www.permet.co/>

Type of initiative

Public

Description of action

Building the first transparent, open-source, community-owned toolkit for garment creation.

Type of action

Traceability & Transparency

Please select the specific area/s of the action

Norms and standards

Research and Development of Innovative Solutions

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

Objective (max 200 words): Creating open source, end-to-end apparel production supply chain + tech infrastructure that allows creators to easily create new garments on existing bases - via on chain portfolios that can forked, remixed, and recombined.

Commitments (max 200 words): Hibiscus is creating and open sourcing the first model for a decentralized, transparent supply chain in fashion. This will set the precedent for other apparel projects.

Value Chain Scope: Open source and fully transparent by design

Timeframe and/or milestones for the action

We've hit our short term goal to use protocols like Proof of Identity & liquid 0xSplits to experiment with redistribution contracts for primary sales for garment workers since the last Gitcoin grants round.

We seek to build on this success by creating garments made using a fully-transparent supply chain - proving out our model for supply chain accountability. Through this process - we will onboard supply chain participants onto Ethereum L2.

As mentioned above - we're working towards a system of producing clothes that uses consensus-driven blockchain technology to verify products are being made ethically, without negative human rights and environmental externalities.

With an improved model we can build better to do more, produce less, and return value to creators and users.

Reference instruments and sources used

<https://app.0xsplits.xyz/>, <https://www.proofofhumanity.id/> <https://www.brightid.org/>

Expected benefits and impact for the stakeholders involved

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

Enhanced environmental and socially responsible consumption and production, and circularity of the value chain, that may be relevant to and inspire other countries and industry actors/partners

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

Scientific and technological community

Key performance indicators for the action

Blockchain is by design fully transparent.

Good practices

Removing the possibility of false information being spread. All data will be called & entered on chain without human interaction. All finances of a company will be visible by all including all payments to all workers.

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

Sustainability, traceability and transparency isn't possible without blockchain implementation.

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

