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

Estonia

Submitting Organization/Company

Reverse Resources OÜ

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

< 50

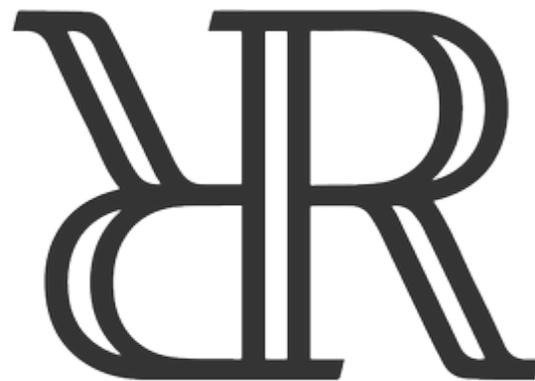**Please indicate the number of employees**

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Title of the action

Digitise and connect waste supply chains for scaling the global textile-to-textile recycling industry

Upload your logo or an image

Relevant Website

https://reverseresources.net/en

Main Partners

Fashion For Good, Global Fashion Agenda, Accelerating Circularity, UNIDO, GIZ

Other Partners Laudes Foundation, TexRoad

Type of initiative

Private

Description of action

Reverse Resources SaaS platform digitises the textile waste flows enabling the entire supply chain to track, trace and effectively convert textile waste into new resources.
Reverse Resources connects fashion brands, manufacturers, waste handlers and recyclers in a unique digital environment where waste data is captured and traceability is embedded into the circular supply chains.

Type of action

Traceability & Transparency

Please select the specific area/s of the action

Collaborative Initiatives

Business Management Systems or Instruments

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

Objective (max 200 words): Mapping and tracing textile waste flows to increase the valorisation of materials through textile-to-textile recycling, while reducing the amount of waste being incinerated and/or landfilled and increasing social compliance in the waste handling sector.

Commitments (max 200 words): We commit to creating digital tools that support each stakeholder in the circular value chain, ensuring fair collaboration and verified data to inform decision making. Provide manufacturers with digital tools to create visibility of their textile waste and connect them to the best recycling solutions. Helping recyclers to access fully traceable and compliant textile waste that fits their technical specifications. Increasing the social and environmental compliance in the waste handling sector, through multi-stakeholder collaboration. We commit to inform Fashion retailers and brands on circularity, enabling them to capture data on textile waste flows and provide third-party verification on closed-loop recycling.

Value Chain Scope: Fashion brands, textile and apparel manufacturers, waste handlers (Post-industrial and post-consumer collectors and sorters), textile-to-textile recyclers.

Timeframe and/or milestones for the action

Digital tools for all stakeholders to register, trace and receive waste data are developed on the Reverse Resources platform by end of 2022.

Promote the Reverse Resources Public Dashboard of global waste data (launched in 2022) to wider audience by Q2 2023.

Continuous development of the platform's functionalities to meet the industry objectives and requirements in regard to circularity.

Reference instruments and sources used

Reverse Resources Platform

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

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

Management of reputational risk for manufacturers, brands and retailers who are selling the products concerned

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)

Workers and trade unions

Key performance indicators for the action

1. Volumes of waste registered and mapped on the RR platform;

2. Volumes of waste reaching textile-to-textile recycling traced through the RR platform;

3. Decrease contamination of textile waste KPI: Number of waste handlers and manufacturers who have received training on improved waste handling practices and segregation of recyclable waste.

4. Increase compliance in the waste handling sector, by designing a universal Code of Conduct for the social compliance of waste handlers, and provide templates and documentation for waste handlers to demonstrate compliance by Q4 2023.

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

Informing industry leaders and policy makers on the needs, objectives and benefits of transparency and traceability in the textile industry, and within the circular economy. Giving visibility to the issues related to informal waste handling practices and the lack of infrastructure for scaling circularity. Providing a platform to inform and collaborate on traceability and transparency between different organizations.

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