

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

United States

Submitting Organization/Company

Textile Exchange

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

< 50

Please indicate the number of employees

90

Title of the action

Implementation of Textile Exchange Geospatial Information System (GIS)

Upload your logo or an image



Relevant Website

www.textileexchange.org

Main Partners

ESRI ArcGIS

Type of initiative

Private

Description of action

In line with the Climate+ directive, Textile Exchange is implementing a Geographical Information System (GIS) for the systematic collection of geospatial and farm-level performance/impact data to connect with supply chain data for provenance and proof of impact.

The project has been rolled out for our Responsible Wool Standard, Responsible Alpaca Standard and Responsible Mohair Standard and is currently being developed for the Responsible Down Standard.

Type of action

Traceability

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): Textile Exchange's GIS enables the systematic collection of practice, impact and polygon data from producers using either a cloud-based survey tool or a mobile application. The data is then made available to certification bodies for verification and approval before being consolidated for farm level analysis and reporting, and connected to the supply chain transactions for traceability and proof of impact. The objectives of the project includes: Improve operational efficiency in farm-level data collection, Enable identification of locations and land area risks, Facilitate performance and impact monitoring and improvement, and Enable traceability to farms for Textile Exchange's standards and programs.

Commitments (max 200 words): Improve operational efficiency in farm-level data collection, Enable identification of locations and land area risks, Facilitate performance and impact monitoring and improvement, and Enable traceability to farms for Textile Exchange's standards and programs

Value Chain Scope: The project aims to have all 1600+ farms certified to Responsible Wool Standard, Responsible Mohair Standard and Responsible Alpaca Standard, across six countries (South Africa, Uruguay, Argentina, Australia, New Zealand and the USA) transition to the GIS by end of 2022.

Timeframe and/or milestones for the action

- Released for RWS, RMS and RAS in Q4 2021
- Target completion for RDS in Q2 2022
- Completion of pipeline integration with chain of custody in Q3 2022

Reference instruments and sources used

Textile Exchange standards, policies and guidelines: <https://textileexchange.org/wp-content/uploads/2020/08/TE-201-V2021.5-Document-List-Public.pdf>

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

Stakeholders involved

Producers, Certification Bodies

Key performance indicators for the action

- Number of farm groups and farms
- Number of certification bodies
- Volume of certified fiber

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

The UNECE-UN/CEFACT Call to Action has reinforced the need and urgency for a collaborative approach to solving issues on traceability of sustainable fibers and materials.

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

