

**Submitting Country, Organization, Company**

Sweden, Research and HEI, Swedish School of Textiles/University of Borås

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

760

**Title of the action**

Research and Higher Education Institute for Textiles

**Relevant Website**

<https://www.hb.se/en/the-swedish-school-of-textiles/>

**Type of initiative**

Public initiative

**Description of action**

Research and innovation on traceability technologies, and technology interventions for value chain sustainability

**Type of action**

Traceability

**Please select the specific area/s of the action**

Research and Development of Innovative Solutions

Awareness and Education

Collaborative initiatives

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

Develop novel traceability systems spanning across different textile value chain stages

**Commitments**

Create integrated phygital systems of cryptotags and blockchain

**Value chain scope**

Manufacturing supply chain

**Timeframe and/or milestones for the action**

A traceability system prototype by 2024

**Reference instruments and sources used**

Not relevant

**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

## Stakeholders involved

Business and industry associations

Scientific and technological community

## Good practices

<https://tvcm.ths.hb.se/fbd/login?next=%2Ftrustrace%2Fdemo>

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

By bridging novel research and innovation to stakeholder needs, and thus create market-ready innovations

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

