



OEKO-TEX® INTRODUCES NEW CARBON AND WATER FOOTPRINT TOOL FOR FACILITIES

It's time the Fashion Industry takes action on Climate & Water

The apparel sector is a key contributor to global emissions - and must take action now. Limiting global warming to 1.5°C requires rapid and measurable action at scale. Production facilities have a critical role to play in achieving the industry's goals to reduce water usage and carbon

emissions 30% by 2030.¹

In addition, water risk is growing and today the apparel sector is underperforming on measuring and monitoring water impact.² Consumers and brands alike are increasingly selecting products and companies that demonstrate action and make commitments on key environmental topics like water usage and climate change.

HELPING TEXTILE FACILITIES
ACHIEVE GOAL OF 30% GHG
EMISSIONS REDUCTION BY 2030

OEKO-TEX®
INSPIRING CONFIDENCE

INDUSTRY CHALLENGES HIGHLIGHT THE NEED FOR A CARBON AND WATER FOOTPRINT TOOL

1

The Business Need

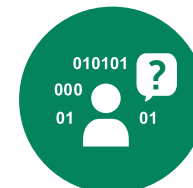
Understanding and reporting carbon emissions and water usage across the various production stages will likely be a standard requirement of every business in the future.



2

The Reporting Challenge

The complexity and differences across global value chains and production processes in the textile industry make the task of gathering robust environmental data very challenging.



3

A New Solution

OEKO-TEX® is launching a Carbon and Water Footprint Tool to provide production facilities an initial estimate and assessment on the materials and process steps that contribute most to their overall environmental impact.



¹ UNFCCC Fashion Industry Charter for Climate Action, 2018 ([link](#))

² CDP Global Water Report, 2018 ([link](#))

OEKO-TEX® ROADMAP TOWARDS EXCELLENCE

The STeP by OEKO-TEX® certification program is constantly evolving to meet changing industry requirements and to provide benchmarking and continuous improvement guidance.

Screening Life Cycle Assessment (LCA) for Facilities

Production facilities need simple, efficient, and credible tools to measure and report on their environmental impacts. This is why we opted for a Screening LCA.

OEKO-TEX® has partnered with Quantis, a leading science-based sustainability consultancy, to develop a transparent methodology and data models to help facilities quantify their carbon and water impacts.

As facilities enter their data into the online tool, their real data inputs will be used to update initial data assumptions. These iterative improvements will contribute to building a benchmark and one of the most robust climate impact databases in the industry.

The tool's output gives facilities first insights into carbon emissions and water usage at the facility level and per kg of material produced. It calculates impacts by production process step vs. impacts generated outside a facility's direct influence, such as raw material production and transportation.

This enables facilities to identify the biggest opportunities for carbon emission and water reductions - whether to change materials purchased or improve operations.

BENEFITS FOR FACILITIES



Understand

production-related carbon emissions and water usage



Identify

which processes have the highest environmental impacts



Act

to reduce carbon and water usage in the future



Report

results and reduction measures to customers

Industry Objectives



Support the fashion industry goal of 30% reduction in carbon emissions by 2030.¹



Reduce industry's impact on water.²



Screening Life Cycle Assessment (LCA) for Facilities

Aligned with the Sustainable Development Goals (SDGs)



Value-add for Facilities

- Demonstrate leadership
- Strengthen trust
- Grow business



Carbon Footprint



Water Footprint

