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About the Scorecard

The Material Change Index is a key component of Textile Exchange’s Corporate Fiber & Materials Benchmark (CFMB) program, which enables participating companies to measure, manage and integrate a preferred fiber and materials strategy into their business.

Digital scorecards provide participants of the Material Change Index (MCI) a confidential analysis of their results. Scorecards provide participants with an annual comparison against their previous years’ scores and against the average score for their respective sub-sector and the overall cohort of participants. MCI results form the basis of the public-facing Material Change Index (MCI) Leaderboard. We believe a degree of transparency in the Leaderboard celebrates participants progress and sets a leading example for others, however company scores are kept confidential.

New to 2021

This year, in line with our Climate+ strategy direction, we have added Climate Action Progress to support companies on measuring their total CO₂ eq. emissions year-on-year. We have also added a “Commitments and targets” panel that provides a summary of the materials-related commitments and targets set by the participant. Finally, the scorecards have been updated with the new Textile Exchange logo and branding.
Brand & Retailer Scorecard

Brand and retailer participants of the Material Change Index (MCI) receive a digital scorecard providing a confidential analysis of their results, including comparisons with their sub-sector and the overall sector average.

Accessing your Scorecard

Companies can access their digital scorecards in their CFMB Company Portal here https://mci.textileexchange.org/. Password protected.

Your company's scorecards are tied to your company's surveys. Go into your Submitted tab, and the “Scorecards” section shown below, select “Show Scorecards”, and the Brand/Retailer Scorecard will appear.

In order to share scorecards with colleagues, invitations to access the portal can be shared as specified in the Technical Guide (page 6) or email CFMB@TextileExchange.org for support.

Suppliers & Manufacturers Scorecard

The MCI survey was piloted for suppliers and manufacturers for the second year in 2021. Participants of the pilot receive for the first time a “performance banding” in their scorecard. We aim to have fully incorporated suppliers and manufacturers into the MCI in 2023 and provide a comprehensive scorecard to all participants.

Supplier and manufacturer scorecards provide an anonymized visual analysis of how this pioneering cohort of companies answered each of the questions in the MCI survey. This analysis shows each participating company the answer it selected (button shaded blue) and the frequency in which an answer was selected (number inside each of the grey and blue buttons). If a pilot company completed the “Materials Balance Sheet” it will be rewarded with a summary table displaying quantified uptake of raw materials, and corresponding visual bar charts of materials use, and progress to preferred.

Please note, the rest of this document pertains to the Brand & Retailer Scorecard.
Scorecard Structure

The confidential scorecard that a company receives is based on the benchmark option and scorecard option selected by the company. MCI, Modular, and Tracker scorecards provide different levels of detail.

- **MCI:** Companies selecting this option complete the full survey and are eligible for a Material Change Index (MCI) listing and placements in "material indices" for all completed materials modules. It requires completion of section I: materials strategy, section II: "priority" materials, and section III: materials circularity.
- **Material module(s):** This option allows companies to select one or more material categories and report on its portfolio management and uptake. Companies that report by material module receive placements in each of the respective material categories.
- **Material tracker:** This option allows companies to report on fiber/materials uptake data only. Note that this option is especially important for signatories of various commitments such as the 2025 Sustainable Cotton Challenge and the 2025 Recycled Polyester Challenge which requires annual reporting of uptake volumes.

Textile Exchange members who have completed either the full MCI or a Modular entry are eligible for the Advanced scorecard as part of their membership dues. Non-members receive the Standard scorecard, and Progress Tracker entries receive a modified standard scorecard.

Standard, advanced, and premium scorecards contain the following results. Premium scorecards are a build upon the standard and advanced option. Companies wishing to receive a Premium Scorecard (tailored assessment) in addition to the digital scorecard provided online can contact CFMB@TextileExchange.org for details.

<table>
<thead>
<tr>
<th>Scorecard Options</th>
<th>Benchmark Options</th>
<th>Standard Tracker</th>
<th>Modular</th>
<th>MCI</th>
<th>Advanced, Premium Tracker</th>
<th>Modular</th>
<th>MCI</th>
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### Scorecard Options

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<th>Benchmark Options</th>
<th>Standard Tracker</th>
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<th>MCI</th>
<th>Advanced, Premium Tracker</th>
<th>Modular</th>
<th>MCI</th>
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<td>Sustainable Development</td>
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<td>Outcomes</td>
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<td>Impact Footprints</td>
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</tr>
</tbody>
</table>

### Navigation

- **Navigation**: Provides easy access to sections and modules that companies have completed.
- **Guidance**: Provides basic guidance on the navigation and reading and understanding of your scorecard.
- **Print**: Allows the company to download and/or print a PDF of the scorecard.
- **MCI**: Provides a link to the public listing of the Material Change Index 2021.
- **Methodology**: Provides a link to the methodology used to compute all the scores in the benchmark.
- **Detailed Results**: Info buttons are available throughout the scorecard and provide easy reference on scope and coverage of the score.
- **Detailed Results provide quick links to sections and material modules.**

### Index Framework

The MCI Survey comprises of **three sections**:

- **Section I**: Strategy;
- **Section II**: Materials Portfolio, and
- **Section III**: Circularity.

The sections act as cornerstones to the framework. Progressive companies may be able to demonstrate good practice within one or two of the sections, while leading companies will be able to show good practice across the board.
### I. Strategy

<table>
<thead>
<tr>
<th>Plant Fibers</th>
<th>Animal Fibers &amp; Materials</th>
<th>Regenerated Fibers</th>
<th>Synthetic Fibers</th>
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<tbody>
<tr>
<td>Cotten</td>
<td>Wool</td>
<td>Down</td>
<td>Leahter</td>
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<table>
<thead>
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<th>Circularity Strategy</th>
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<tr>
<td>Leadership</td>
<td>Investment</td>
<td>Business Models</td>
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<td>Internal Engagement</td>
<td>Transparency</td>
<td>Resource Efficiency</td>
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<td>Materiality</td>
<td>Targets</td>
<td>Design for Circularity</td>
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<tr>
<td>Customer Engagement</td>
<td>Uptake</td>
<td>Textile Collection</td>
</tr>
<tr>
<td>Reporting</td>
<td>Impact Monitoring</td>
<td>Recycled Content</td>
</tr>
</tbody>
</table>

The framework is aligned with the Sustainable Development Goals (SDGs).
Overview Page

Company Profile

- **Headquarter**: Company’s headquarter.
- **Company size**: Large (>251 full-time employees), Medium (51-250 full-time employees), Small (11-50 full-time employees) and Micro (<11 full-time employees).
- **Benchmark status**: Yes or No.
- **Survey scope**: Material Change Index, Modular or Progress Tracker.
- **MCI rank**: x of xx
- **Reporting scope**: An independent, subsidiary or affiliate company, or holding company.
- **Subsidiaries**: List of all subsidiaries covered by the company’s submission.
- **Sub-sector**: Apparel/Footwear, Outdoor/Sports, Home/Hospitality or Multi-Sector.

Overall Results

Overall results display a company’s current year results 🗣️ benchmarked against the company’s previous year results 🗣️, current year sub-sector results 🗣️ and sector results 🗣️.

Four performance bands 🗣️ apply across the results:
- Band 1 - Developing (0 ≥ 25), Band 2 - Establishing (26 ≥ 50), Band 3 - Maturing (51 ≥ 75) and Band 4 - Leading (76 ≤ 100).

See: MCI Scoring Methodology

Material Change Index

The Material Change Index (MCI) is the result of the overall performance of a company that completed the full MCI survey, based on an assessment of Strategy (25%), Materials Portfolio (65%) and Circularity (10%). The MCI requires a company to report on all priority materials from the options provided.

SDG Index

Progress against the Sustainable Development Goals (SDGs) is measured by the SDG Index - a cross-cutting score that draws selected SDG-related results aggregated from the Strategy (85%), Materials Portfolio (2.5%) and Circularity (12.5%) sections of the benchmark. This aggregate result is then normalized to a score of 100.

See: Sustainable Development Goals (SDG) Companion Guide
Section Results

Section I: Strategy

Strategy reflects a company’s materials sustainability strategy and how it is integrated into the core of its business and management systems. The score for Strategy is derived from a company’s response to questions on Materials Strategy, Leadership, Internal Engagement, Materiality, Customer Engagement, and Reporting.

Section II: Materials Portfolio

The Materials Portfolio Score reflects a company’s management (30%), uptake performance (i.e., preferred materials: absolute volume 50% and relative volume 20%) of six possible priority materials (cotton, wool, down, manmade cellulosics, polyester and polyamide) weighted against the use of each. Leather has been excluded from the Materials Portfolio score pending further development in conversion methodology from surface area to volumetric uptake. Note, a “priority material” is defined as representing 10% or more of the company's materials portfolio, and/or deemed “a priority” according to a risk/opportunity review.

The Management score of each material is based on a company’s response to questions on Risk Management, Investment, Transparency, Targets, Uptake, and Impact Monitoring.

The Absolute Uptake Performance score is based on a company’s volumetric uptake of preferred materials, scaled by quartiles based on the distribution of all uptakes reported for the material in 2020 and maintained for comparability.

The Relative Uptake Performance score is based on a company’s share of preferred material uptake relative to conventional. Sustainability weightings are applied to preferred materials sourced from sustainability programs (e.g., recycled polyester).

Section III: Circularity

Circularity is of increasing importance within a materials strategy. The way textile products are made, used, and disposed of leads to significant volumes of waste, and pollution. The textile industry must transition to a circular economy that benefits society, the environment, and ultimately business, through the decoupling of economic activity from the consumption of finite resources, and designing out waste. The score for Circularity is derived from a company’s response to questions on Circularity Strategy, Business Models, Resource Efficiency, Design for Circularity, Textile Collection, and Recycled Content.
Materials Portfolio Results

The Material Module tiles provide a summary of Materials Module Scores and easy access to Material Module Detailed results.

Commitments and Targets

The Commitments and Targets panel provides a summary of the materials-related commitments and targets set by the company. The button is colored "blue" when a target has been set.

Climate Action Progress

Climate Action Progress provides the total CO₂ emissions year-on-year progress for the cohort of benchmarking companies and is based on the aggregated totals of materials reported. It is important to note that this is a modeling exercise using LCA globalized averages from the Higg MSI in collaboration with the Sustainable Apparel Coalition. The intensity value is a normalised indicator and it shows the GHG emissions (CO₂eq) relative to production. (tonnes of CO₂ per each tonne of product) It does not show the total amount of GHGs released (adapted from the OECD definition).

Please note that intensity is the emissions divided by cotton, polyester, polyamide, and manmade cellulosics uptake.

Under our Climate+ strategic direction, Textile Exchange will be the driving force for urgent climate action with a goal of 45% reduced CO₂ emissions from textile fiber and material production by 2030.
Materials Portfolio Options

Overview of Materials Portfolio Options

Cotton
- BASF e3
- Better Cotton Initiative (BCI)
- BioBee
- Transitional Organic Cotton
- Cotton made in Africa (CMA)
- Fair Trade
- Field2 Market
- ISCC Certified
- myBMP
- Organic cotton
- Organic Fair Trade
- REEL Cotton
- Regenerative Organic Certified (ROC)
- Responsible Brazilian Cotton (RBC)
- US Cotton Trust Protocol
- Recycled Cotton

Cashmere
- Certified Wildlife Friendly™
- Good Cashmere Standard
- Sustainable Fiber Alliance Standard (SFA)
- Recycled Cashmere

Down
- Downgrade
- Organic Down
- Responsible Down Standard (RDS)
- Recycled Down

Leather
- LaccO Market™
- Leather Working Group
- Organic Leather
- Recycled Leather

Wool
- Organic wool
- Ecological Outcome Verification (EOV)
- Responsible Wool Standard (RWS)
- QliCertified
- Recycled Wool

Mannmade Cellulosic
- Acetate (FSC, PEFC)
- Cupro
- Lyocell (FSC, PEFC)
- Modal (FSC, PEFC)
- Viscose (FSC, PEFC)
- Recycled Cellulose

Polyamide
- Bio-based polyamide
- Recycled Polyamide

Polyester
- Bio-based polyester
- Recycled Polyester

Overall Materials Uptake Trend

The Overall Materials Portfolio Trend visualizes a company’s year-on-year use of cotton, wool, down, manmade cellulosics, polyester, and polyamide, taking into account any adjustments made to historical uptake reporting. It includes both conventional and preferred materials i.e., produced to an industry sustainability standard or initiative. Leather is excluded until further standardization in data reporting methodology, and conversion factors are available.

There is allocated space in the survey to report volumes of “other” materials (beyond the dedicated fiber/material modules) such as linen, rubber, acrylic etc., but they are not yet included in the portfolio aggregates or trend analysis.
Overall Preferred Materials Uptake Trend

The **Overall Preferred Materials Uptake Trend** reflects a company’s year-on-year use of preferred renewable, preferred recycled, and conventional in absolute volume. It covers cotton, wool, down, manmade cellulosics, polyester, and polyamide, taking into account any adjustments made to historical uptake reporting.

Leather is excluded from this analysis as it is typically reported in square meters. Other materials (fibers and non-fibers) are not currently included in the trend analysis.

Materials Balance Sheet (MBS)

The **Materials Balance Sheet (MBS)** provides a summary of the materials (fiber and non-fibers) that a company uses, the priority status of used materials, the absolute uptake and share of preferred renewable, and recycled and conventional as percentage of total reported volumes.

Note: The MBS will only display data if absolute uptake is reported or estimated by a company for a material, otherwise “incalculable” is shown.
### Overall Outcomes and Impacts

#### Outcomes

<table>
<thead>
<tr>
<th>Outcome Area</th>
<th>Improved Practices</th>
<th>Benefits</th>
<th>Savings Equivalent to</th>
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</thead>
<tbody>
<tr>
<td>Land Use</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>hectares of land</td>
<td>21.06%</td>
<td>football fields</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resource Use</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>tonnes of materials</td>
<td>6.36%</td>
<td>garbage trucks</td>
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</table>

**Outcome Areas** ① calculate the intentional benefit from improved practices, but outcomes are not necessarily associated with a proven impact. At a portfolio level, outcomes are aggregated for Land Use and Resource Use (waste diverted).

**Improved practices** ② compare the effects of a company’s current year preferred material use against the previous year as well as the effects of conventional materials use. Based on available data, outcome modeling for Land Use is currently restricted to cotton, wool and manmade cellulosics. Resource Use covers all listed materials except Leather and Other materials.

**Benefits** ③ refer to effective savings or other improvements related to preferred material use as a share of total material use.

**Savings equivalencies** ④ are calculated using established modeling methodologies to better communicate nominal effects using the number of football fields for Land Use, and the number of 12-tonne garbage trucks (of waste) for Resource Use. See: [Materials Impact Dashboard Guide 2021](https://www.textileexchange.org).

#### Impacts

<table>
<thead>
<tr>
<th>Impact Area</th>
<th>Footprints</th>
<th>Savings</th>
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<tr>
<td></td>
<td></td>
<td>19.27%</td>
<td>17,261,528,324.04 kg</td>
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<td></td>
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<td>19.34%</td>
<td>5,070,454,394.99 m³</td>
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<td></td>
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<td>2,279,363,177.81 m³</td>
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<td></td>
<td></td>
<td>megapascals of fossil fuel energy saved</td>
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<td></td>
<td></td>
<td>9.49%</td>
<td>130,974.66 m³</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>tonnes of CO₂ emissions saved</td>
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</table>

**Impact Areas** ① focus on global warming potential (greenhouse gas emissions), fossil-based energy use, (depletion of abiotic resources), water consumption (the amount of water used but not returned to watershed).
and water scarcity (the impact of water consumption within a regional context). Impacts are calculated using Higg Material Sustainability Index (MSI) mid points for each indicator.

**Footprints** compares the environmental impact of a company's current year's materials portfolio (including preferred and conventional) against its previous year's portfolio, as well as a comparison with 100% conventional materials use. Impact modeling is restricted to materials (cotton, polyester, polyamide, and manmade cellulosics) where Higg MSI data is available. Impacts of animal fibers (wool, down, leather) are not included. It is important to note, that where there is no MSI data for specific preferred material (such as Better Cotton) the volume is included as conventional.

**Savings** refer to impact savings of preferred material use compared to a baseline of conventional use.

**Savings equivalencies** are modeled using established methodologies to better communicate nominal impacts with annual water needs of people, annual power usage by an average US home and the driving distance of an average sized car.


### Overall SDG Key Contributions

<table>
<thead>
<tr>
<th>1</th>
<th>Inputs</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Input Icons" /></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2</th>
<th>Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image2.png" alt="Outcome Icons" /></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>3</th>
<th>Impacts</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image3.png" alt="Impact Icons" /></td>
<td></td>
</tr>
</tbody>
</table>

All SDGs are interconnected and the prioritization of one must not come at the expense of another. Companies may have identified their own priority SDGs which may differ from the SDGs in the Dashboard. Tracking progress should be set at the SDG Target and Indicator level, rather than the Goal level.

SDG "input, outcome, and impact" modeling presented here is based entirely on Textile Exchange’s modeling, and interpretation of how the SDGs align with materials input, outcome, and impact modeling assumptions.

- **Inputs**: SDG 12 Responsible Production & Consumption is the gateway to many of the other SDGs such as no poverty, sustainable agriculture/zero hunger, land use, life under water, and industry innovation. To achieve the 2030 Goals many stakeholders must work together and SDG 17, Partnerships for the Goals, will be key to success.

- **Outcomes**: Investment in sustainability programs, innovation, and responsible sourcing contributes to beneficial outcomes for people and planet: SDG 1 no poverty, SDG 2 zero hunger (and sustainable agriculture), SDG 9 industry, innovation and infrastructure, SDG 14 life under water, and SDG 15 life on land.

- **Impacts**: Through improved practices and innovations on the land, in the mills, and through the implementation of a materials circularity strategy there is considerable potential to positively impact SDG 6 clean water, SDG 7 clean energy (including the transition to renewables), and SDG 13 climate action.

See: [Sustainable Development Goals (SDG) Companion Guide](https://example.com).
Overall Progress Analysis

**Progress Analysis** provides a quick overview of how the company is performing along the six themes within each section and materials module of the MCI Survey. Progress Analysis is based entirely on the Management score of materials and does not take into consideration the absolute or relative uptake performance of the materials.

The analysis is mapped to four performance bands: Red - Band 1 - Developing (0 ≥ 25), Orange - Band 2 - Establishing (26 ≥ 50), Yellow - Band 3 - Maturing (51 ≥ 75), and Green - Band 4 - Leading (76 ≥ ≤ 100).

### Section Results

#### Section Score

The **Section Score** shows the overall score for Section I Strategy and Section III Circularity completed by a company, benchmarked against the company’s previous year results, current year sub-sector results and sector results. Four performance bands apply across the results: Band 1 - Developing (0 ≥ 25), Band 2 - Establishing (26 ≥ 50), Band 3 - Maturing (51 ≥ 75) and Band 4 - Leading (76 ≥ ≤ 100).
Detailed Results

A company's performance band is displayed for each of the six themes in the Detailed Results of Section I Strategy and Section III Circularity. Four performance bands apply across the results: Band 1 - Developing (0 ≥ 25), Band 2 - Establishing (26 ≥ 50), Band 3 - Maturing (51 ≥ 75), and Band 4 - Leading (76 ≤ 100).

Question Level Score

Question level scores are shown in horizontal bars for the company, its sub-sector, and sector. Sub-sector and sector scores are average scores of all companies that have completed the module in either the Modular or MCI survey.

Question Level Response

The number shown in each cell reflects the total number of participants that have selected the response in either the Modular or MCI survey. A company's response to a question is displayed in the highlighted cell. Note: For some questions (e.g., Risk Management) there are additional levels of questioning, a company's responses at this deeper level will be reflected in their score but are not captured in the Question Level Response.
The **Material Module Score** shows the overall score for the module completed by a company, benchmarked against the company's previous year results, current year sub-sector results, and sector results. It comprises of Management (30%), Absolute Uptake Performance (50%) and Relative Uptake Performance (20%) of the specific material. Four performance bands apply across the results: Band 1 - Developing (0 ≥ 25), Band 2 - Establishing (26 ≥ 50), Band 3 - Maturing (51 ≥ 75), and Band 4 - Leading (76 ≤ 100).

### Management and performance Score

The **Management Score** reflects how well a company is managing its materials sourcing and is based on a company's response to questions in Section II on Risk Management, Investment, Transparency, Targets, Uptake, and Impact Monitoring of the specific material.

The **Relative Uptake Performance Score** is based on a company's share of preferred material uptake relative to conventional. Sustainability weightings are applied to preferred materials sourced from sustainability programs (e.g., recycled polyester).

The **Absolute Uptake Performance Score** is assigned 50% of the fiber portfolio score. The Absolute Uptake Performance score is based on a company's volumetric uptake of preferred materials, scaled by quartiles based on the distribution of all uptakes reported for the material in 2020 and maintained for comparability. Note: Specific scores may be displayed on hover.
Material portfolio

**Material Portfolio** visualizes the breakdown of conventional and preferred programs used for the specific material.

Note: Specific material uptake (%) may be displayed on hover ①.

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Preferred portfolio trend

The **Preferred Portfolio Trend** reflects a company’s year-on-year use of preferred renewable ①, preferred recycled ②, and conventional in absolute volume for the specific material, taking into account any adjustments made to historical uptake.

Note: Specific scores may be displayed on hover ③.

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Programs In Use

**Programs used for the specific material.**

- Organic cotton, Better Cotton Initiative, Recycled cotton, Conventional cotton

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Portfolio Milestones

**Portfolio milestones** reflects the number of companies that have achieved a milestone material portfolio uptake.

The numbers in the boxes ① indicate the number of companies that have achieved specific milestones. Boxes in green ② indicate the milestones achieved by the reporting company. Portfolio milestones are reported in accumulative (i.e. a company that achieved 100% preferred (organic, organic fairtrade, recycled) will also be marked as having achieved 100% preferred and 50% preferred).

**Portfolio milestones include:**

- Cotton: Preferred >50%, Preferred 100%, Preferred (organic, organic fairtrade, recycled) 100%
Polyester: Preferred (biobased, recycled) >50%, Preferred (biobased, recycled) 100%
Polyamide: Preferred (biobased, recycled) >50%, Preferred (biobased, recycled) 100%
Manmade Cellulosics: Preferred >50%, Preferred 100%, Preferred (lyocell, recycled) 100%
Wool: Preferred >50%, Preferred 100%
Down: Preferred >50%, Preferred 100%
Leather: Preferred >50%, Preferred 100%

**Ranking by Volume**

Ranking by Volume indicates the rank of the reporting company’s uptake in specified categories. Ranking is based on all companies that participated in the CFMB program, covering MCI, Modular and Tracker participants.

Note: n/a or not applicable is displayed when a company is not using that specific program.

**Outcomes and impacts**

**Outcome Areas** calculate intentional benefit from improved practices, but outcomes are not necessarily associated with a proven impact. At a portfolio level, outcomes are aggregated for Land Use and Resource Use (waste diverted). Number of farmers and households benefitting from improved practices are approximated for cotton, and animals (sheep, ducks/geese) for wool and down production.

**Improved practices** compare the effects of a company’s current year preferred material use against previous years as well as the effects of conventional material use. Based on available data, outcome modeling for Land Use is currently restricted to cotton, wool and manmade cellulosics. Resource Use covers all listed materials.

**Benefits** refer to effective savings or other improvements related to preferred material use as a share of total material use.

**Savings equivalencies** are calculated using established methodologies to better communicate nominal effects with the number of football fields for Land Use and the number of 12-tonne garbage trucks (of waste) for Resource Use. See: [Materials Impact Dashboard Guide 2021](#).
# Impacts

<table>
<thead>
<tr>
<th>Impact Area</th>
<th>Footprints</th>
<th>Savings</th>
<th>Savings equivalent to</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Water consumption</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Improved practices 2020</td>
<td>12,971,599.54 liters of water</td>
<td>90.91%</td>
<td>1,097,304.53 people’s annual drinking needs</td>
</tr>
<tr>
<td>Improved practices 2019</td>
<td>10,995,911.17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Improved practices 2018</td>
<td>62,267,084.29</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conventional practices 2020</td>
<td>1,017,746,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Water scarcity</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Improved practices 2020</td>
<td>5,143,085,449.69 liters of water</td>
<td>91.12%</td>
<td>52,994,334,530.31 liters of water saved</td>
</tr>
<tr>
<td>Improved practices 2019</td>
<td>4,498,624,911.74</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Improved practices 2018</td>
<td>2,676,686,146.55</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conventional practices 2020</td>
<td>58,177,440,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fossil fuel energy</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Improved practices 2020</td>
<td>3,752,019.46 megajoules of fossil fuel energy</td>
<td>52.65%</td>
<td>4,175,465.54 megajoules of fossil fuel energy saved</td>
</tr>
<tr>
<td>Improved practices 2019</td>
<td>2,860,638.17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Improved practices 2018</td>
<td>1,940,717.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conventional practices 2020</td>
<td>7,190,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Global warming</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Improved practices 2020</td>
<td>499.90 tons of CO2e emissions</td>
<td>48.31%</td>
<td>2,459,836.65 kilometers driving an average sized car</td>
</tr>
<tr>
<td>Improved practices 2019</td>
<td>372.46</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Improved practices 2018</td>
<td>340.10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conventional practices 2020</td>
<td>1,275.30</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Impact Areas** focus on global warming potential (greenhouse gas emissions), fossil-based energy use, (depletion of abiotic resources), water consumption (the amount of water used but not returned to watershed), and water scarcity (the impact of water consumption). Impacts are calculated using the Higg Material Sustainability Index (MSI) mid points for each indicator.

**Footprints** compares the environmental impact of a company’s current year’s materials portfolio (including preferred and conventional) against its previous year’s portfolio, as well as a comparison with 100% conventional material use. Where there is no MSI data for specific preferred material (such as Better Cotton) the volume is included as conventional.

**Savings** refer to impact savings of preferred material use compared to a baseline of conventional use.

**Savings equivalencies** are calculated using established methodologies to better communicate nominal impacts with annual drinking water needs of people, annual power usage of average US homes, and driving distance of an averaged sized car.

See: [Materials Impact Dashboard Guide 2021](#).

## Sustainable Development Goals Key Contributions
All SDGs are interconnected and the prioritization of one must not come at the expense of another. Companies may have identified their own priority SDGs which may differ from the SDGs in the Dashboard. Tracking progress should be set at the SDG Target and Indicator level, rather than the Goal level.

SDG “input, outcome, and impact” modeling presented here is based entirely on Textile Exchange’s modeling, and interpretation of how the SDGs align with materials input, outcome, and impact modeling assumptions.

<table>
<thead>
<tr>
<th>Materials</th>
<th>Focus</th>
<th>Inputs</th>
<th>Outcomes</th>
<th>Impacts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural fibers:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cotton</td>
<td>Emphasis on people, land, natural resources, and processing innovation e.g., recycling technologies.</td>
<td>12,17</td>
<td>1, 2, 9, 15</td>
<td>6, 7, 13</td>
</tr>
<tr>
<td>Regenerated fibers:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manmade Cellulosics</td>
<td>Emphasis on natural resources and processing innovation e.g., recycling technologies.</td>
<td>12,17</td>
<td>9, 15</td>
<td>6, 7, 13</td>
</tr>
<tr>
<td>Synthetic fibers:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyester and Polyamide</td>
<td>Emphasis on natural resources and processing innovation e.g., recycling technologies.</td>
<td>12,17</td>
<td>9, 14</td>
<td>6, 7, 13</td>
</tr>
<tr>
<td>Animal fibers and materials:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wool, Down, and Leather:</td>
<td>Emphasis on animal welfare, land use, biodiversity, natural resources, and processing innovation e.g., recycling technologies.</td>
<td>12,17</td>
<td>2, 9, 15</td>
<td>-</td>
</tr>
</tbody>
</table>
Detailed Results

Performance bandings are displayed for six themes Risk Management, Investment, Transparency, Targets, Uptake, and Impact Monitoring.

❶ Shows the overall score for the module completed by a company, ❷ shows the company’s previous years results, ❸ the current year sub-sector results, and sector results. Sub-sector and sector scores are average scores of all companies that have completed the module in either the Modular or MCI Survey. There are four performance bands apply across the results: Band 1 - Developing (0 ≥ 25), Band 2 - Establishing (26 ≥ 50), Band 3 - Maturing (51 ≥ 75), and Band 4 - Leading (76 ≤ 100).

Question Level Response

❹ The number shown in each cell reflects the total number of participants that have selected the response in either the Modular or MCI survey. A company's response to a question is displayed in the highlighted cell.

Note: For some questions (e.g., Risk Management) ❷ there are additional levels of questioning, a company's responses at this deeper level will be reflected in their score but are not captured in the Question Level Response.
Definitions

**Sub-sector** refers to “Apparel/Footwear”, “Outdoor/Sports”, “Home/Hospitality”, or “Multi-Sector”.
**Sector** refers to the entirety of participants of the benchmark program.

Preferred, Renewable includes:
- Preferred renewable polyester: Bio-based polyester
- Preferred renewable nylon: Bio-based nylon
- Preferred wool: Organic wool, Responsible Wool Standard, ZQ Certified, Ecological Outcome Verification
- Preferred down: Organic down, Responsible Down Standard, Downpass

Preferred, Recycled includes:
- Preferred, recycled cotton: Recycled cotton
- Preferred, recycled polyester: Recycled polyester
- Preferred, recycled nylon: Recycled nylon
- Preferred, recycled manmade cellulosics: Recycled cellulose - Cupro, Recycled cellulose – other, Recycled cotton - MMC
- Preferred, recycled wool: Recycled wool
- Preferred, recycled down: Recycled down

Please view our [Materials Terminology Guide](#) for further terminology and definitions.