2021 Round Table Assembly

La Rhea Pepper
CEO
Textile Exchange

Beth Jensen
Climate+ Strategy Director
Textile Exchange

Megan Stoneburner
Fiber and Materials Director
Textile Exchange

Sevilla Iovacchini
Industry Engagement
Textile Exchange

#TextileSustainability21
La Rhea Pepper
CEO, Textile Exchange
Textile Exchange is a 501c3 non-profit founded in 2002. We create leaders in the sustainable fiber and materials sector by providing learning opportunities, tools, insights, standards, data, measurement and benchmarking — and by building a community that can collectively accomplish what no individual or company can do alone.
Our Mission, Vision & Strategy

**OUR MISSION**
Textile Exchange inspires and equips people to **accelerate** adoption of preferred materials in the textile value chain. We focus on **carbon reduction, soil health, water and biodiversity** as part of our holistic approach to drive positive impact for the entire industry.

**OUR VISION**
We envision a global textile industry that **protects** and **restores the environment**, while enhancing lives. By 2030 we aspire to guide the textile industry to **reduce** GHG emissions (CO\(_2\) equivalents) by **45% from a 2020 baseline**.

**OUR STRATEGY**
Our strategy is to **accelerate climate action** in the textile industry by providing **trusted data and reporting**, **market-based solutions**, and a **community** that can do what no single company or organization can do alone.
Partnering & Convening to Address Impacts

Fiber Production
Yarn Preparation
Fabric Preparation
Dyeing & Finishing
Assembly

Ø ZDHC

Textile Exchange
Sustainable Apparel Coalition
International Labour Organization
RBC

Fashion for Good
Ellen MacArthur Foundation
Accelerating Circularity

Textile Sustainability Conference 2021
Dublin, Ireland
Climate+: Strategy Evolution

Beth Jensen:
Climate+ Strategy Director
A driving force for urgent climate action in textile fiber and materials production.

Enabling and guiding the textile industry to reduce GHG emissions (CO2 equivalents) **45% by 2030** in the pre-spinning phase of textile fiber and materials production.

**Grounded in Partnership**

*Amplifying positive impacts in soil health, water, + biodiversity.*
Comparison of Apparel and Textile Sector GHG Emissions - % of Global, Across Select Studies

<table>
<thead>
<tr>
<th>Research</th>
<th>CO₂e Emissions (% of global)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>A New Textiles Economy (2017, Ellen MacArthur Foundation and McKinsey)</td>
<td>1.2 Gigatons (2%)</td>
<td>Apparel only</td>
</tr>
<tr>
<td>Measuring Fashion (2018, Quantis)</td>
<td>3.29 Gigatons (6.7%)</td>
<td>Apparel only (footwear is an additional 0.7 Gt)</td>
</tr>
<tr>
<td>Fashion on Climate (2020, Global Fashion Agenda and McKinsey)</td>
<td>2.1 Gigatons (4%)</td>
<td>Apparel with a scale up for footwear²⁴</td>
</tr>
</tbody>
</table>

New report launching November 2021:
“Apparel and Footwear Sector Roadmap to Net-Zero Emissions”
Led by WRI and Apparel Impact Institute
Estimated GHG Emissions for the Apparel Sector - Contribution by Tier

Figure 4: Estimated GHG Emissions for the Apparel Sector, 2019

Total Apparel GHG Emissions: 1,025 million tonnes CO$_2$e (1.025 gigatons)

Textile Exchange Scope of Activity: “Pre-Spin”

<table>
<thead>
<tr>
<th>Tier</th>
<th>Activity</th>
<th>Emissions (tonnes CO$_2$e)</th>
<th>Contribution (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tier 4</td>
<td>RAW MATERIAL EXTRACTION</td>
<td>241.3M</td>
<td>24%</td>
</tr>
<tr>
<td>Tier 3</td>
<td>RAW MATERIAL PROCESSING</td>
<td>155M</td>
<td>15%</td>
</tr>
<tr>
<td>Tier 2</td>
<td>MATERIAL PRODUCTION</td>
<td>534M</td>
<td>52%</td>
</tr>
<tr>
<td>Tier 1</td>
<td>FINISHED PRODUCTION ASSEMBLY</td>
<td>80M</td>
<td>9%</td>
</tr>
</tbody>
</table>

Source: WRI
### Baseline: 2019 Emissions

611 million tons CO₂e

![Pie chart showing material percentages]

<table>
<thead>
<tr>
<th>Material</th>
<th>Tonnes</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyester</td>
<td>57,700,000</td>
<td>52.5%</td>
</tr>
<tr>
<td>Cotton</td>
<td>26,000,000</td>
<td>23.7%</td>
</tr>
<tr>
<td>Nylon</td>
<td>5,580,000</td>
<td>5.1%</td>
</tr>
<tr>
<td>MMCF</td>
<td>7,084,100</td>
<td>6.4%</td>
</tr>
<tr>
<td>Wool</td>
<td>1,070,000</td>
<td>1.0%</td>
</tr>
<tr>
<td>Down</td>
<td>270,000</td>
<td>0.2%</td>
</tr>
<tr>
<td>Other</td>
<td>4,870,216</td>
<td>4.4%</td>
</tr>
<tr>
<td>Leather</td>
<td>7,300,000</td>
<td>6.6%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>109,874,316</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>
Getting to 45% in Tier 4

**Baseline:**
- 2019: 611Mt
- 2030: 533.5Mt

**Business as Usual (BAU):**
- 2019: 845.9Mt
- 2030: 336Mt

**Aggressive Substitution:**
- 2019: 207Mt
- 2030: 197Mt

**Materials Substitution:**
- 2019: 207Mt
- 2030: 165Mt

**Circular & Regenerative:**
- 2019: 148.4Mt
- 2030: 148.4Mt

**Innovation Gap:**
- 2019: 232Mt
- 2030: 533.5Mt

**Reduce Growth Related to New Materials and Products:**
- + Aggressive Substitution (Known Solutions)
- + Fill the Innovation Gap (Unknown Solutions)

*Calculations are based upon global fiber volume from the Textile Exchange Preferred Fiber and Materials Market Report and midpoints from the Higg Index Materials Sustainability Index (MSI)*
Three levers to reducing impacts

Materials Substitutions

Substituting conventional materials for lower impact materials – known solutions today

- Recycled materials
- Certified preferred materials

Filling the Innovation Gap

Investing in technology and scalability of next-gen lower impact materials

- Regeneratively grown materials
- Textile-to-textile / polymer-to-polymer recycling
- Biobased alternatives to traditional synthetics (note: not automatically “preferred”)

Producing Less

Extracting fewer new materials to make fewer new products; decoupling “growth” from the above and redefining value

- Materials efficiency / elimination of waste
- Durable products
- Circular products
Textile Exchange Climate+ Strategy: How it started

2018-2019
• Strategy development process with Textile Exchange governance board

2020
• Additional strategy development, including GHG footprint and impact reduction modeling – shared at 2020 Textile Exchange Conference (virtual)
• Initial Climate+ strategy discussions with Round Tables

November 2019
• Launch of topline Climate+ Strategy at 2019 Textile Exchange Conference in Vancouver, Canada

2021
• Creation of new Climate+ department and team, to drive strategy integration across the organization
Textile Exchange Climate+ Strategy: How it’s going

Textile Exchange Climate+ Strategy Team – new as of June 2021

- Beth Jensen
  Climate+ Strategy Director
  Colorado, USA

- Hanna Denes
  Climate+ Strategy Senior Manager
  Sweden

- Siena Shepard
  Climate+ Strategy Manager
  Oregon, USA

- To Be Announced
  Climate+ Impact Data Senior Manager
  Europe

Joining January 2022
Climate+ Department Priorities

**CLIMATE+ STRATEGY IMPLEMENTATION**
Integration of Climate+ strategy across Textile Exchange platforms and with external partners

**MATERIALS IMPACT DATA**
Supporting industry needs related to Tier 4 impact data and filling key data gaps, with an “LCA+” approach

**IMPACT AND INNOVATION**
Enabling the industry to take coordinated, collective action on key cross-cutting topics:
- Regenerative agriculture
- Limiting growth tied to extraction of new materials
- Circularity initiatives with relevance to Tier 4

**POLICY ENGAGEMENT**
Where appropriate, advocating for key policy initiatives with relevance to Tier 4

Relevant across all Textile Exchange Round Tables
Climate+ Strategy Implementation Across Textile Exchange Platforms

Within the new Textile Exchange organizational structure

**Strategy Development Completed:**
- Cotton, Animal Fibers & Materials, MMCFs

**Strategy Development Forthcoming:**
- Synthetics, Leather, Bast Fibers, PFMM

*Specifics of each strategy will be shared in the Round Table sessions at the Conference*

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**Industry Accountability**
- Corporate Fiber & Materials Benchmark
- Material Change Index

**Fibers & Materials**
- Cotton (Sustainable Cotton, Organic Cotton)
- Synthetics (rPET, biosynthetics)
- Animal Fibers & Materials (Wool, Cashmere, Angora, Mohair, Leather)
- Man-Made Cellulosic Fibers
- Bast Fibers (Hemp) – TBD
- Preferred Fiber & Materials Matrix

**Integrity Solutions**
- Standards
- Impact Incentives

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**Strategy Development Completed**
- Priorities: Content delivery, Technology delivery, Alignment

Phase: 4/19/2023

Status: Strategy Development Completed

Phase: 4/19/2023

Status: Strategy Development Forthcoming
Pivoting the Fiber & Materials Round Tables to Drive Climate+ Action

FROM: Raising Awareness
2002-2020

• Growing the industry
• Standards & Best Practices
  • Reports
  • Engagement

TO: Accelerating Adoption
2020-2030

• Leading the industry
• Comprehensive Preferred Fibers & Materials Guidance
• Data Rich Communications
• Convening & Partnership for Action

Round Tables will convene the industry around tangible projects that drive toward the 45% GHG emissions reduction goal.
2022 Priorities

CLIMATE+ STRATEGY IMPLEMENTATION

- Completion of platform-level strategies
- Workplans, timelines, and performance plans
- Round Tables and strategic partnerships to drive Climate+ actions
- Formation of more formal community of “Expert Advisors”
Climate+ Impact Areas – our “LCA+” approach

**LANDSCAPE OF IMPACTS IN TIER 4 (RAW MATERIALS EXTRACTION)**

- **Textile Exchange leads action and acceleration**
  - Climate
  - Biodiversity
  - Soil Health
  - Water
  - Animal Welfare

- **Other groups/partners lead action and acceleration**
  - Social / Labor
  - Indigenous Rights
  - Chemistry
  - Other Topics
The “LCA+” Equation – **WORK IN PROGRESS**

How we will measure the industry’s positive impacts in climate, biodiversity, soil health, and water

**Priority Outcomes**

*Examples:*
- GHG Impact
- Eutrophication
- Ecotoxicity
- Water Scarcity
- Species Diversity
- Land Use Conservation
- Soil Organic Matter
- Soil Water Infiltration

**Impact Data Sources**

*Examples*:
- LCA data including the Higg Material Sustainability Index (MSI)
- Integrated Biodiversity Assessment Tool (IBAT) – STAR Metric (also being explored by SBTN)
- Global Forest Watch
- Delta Framework

*Note: we are closely monitoring the development of Science-Based Targets for Nature (will include biodiversity, water, and land), to ensure alignment with the outcomes, data sources, and targets identified within that framework.*

More to come…
Life Cycle Assessment data (such as the Higg MSI)...

Is one important input to an “LCA” approach AND .....we will need additional impact data sources to measure our progress in areas like biodiversity and soil health that are not covered by LCA methodology.

Has many shortcomings within its methodology AND .....is what we have available to use today, and is what EU policymakers have committed to using - so it is in our interest to work on improving the industry’s LCA data, in conjunction with identifying other sources of impact data to enable a holistic view of impacts.
What is Textile Exchange doing to address the industry’s LCA data gaps?

A note on impact data use cases (value of tools)

Understanding Preferred Materials and “LCA+” Impacts

Textile Exchange Preferred Fiber & Materials Matrix

Broad view of materials choices, impacts, and trade-offs – both quantitative and qualitative indicators (MSI data is one of several key inputs into this tool)

Making Product Environmental Impact Claims

Materials Sustainability Index (MSI)

Quantitative LCA data that has been normalized for use in product labeling, ensuring comparability of claims

Tracking and Modeling Impacts (“Database” Function)

Textile Exchange LCA/LCI data project - TBC

Addressing the need for better LCA data to enable more accurate company and industry modeling against GHG reduction targets (i.e. Science-Based Targets)
What is Textile Exchange doing to address the industry’s LCA data gaps?

A note on LCA vs. LCI data

LIFE CYCLE ASSESSMENT / LIFE CYCLE ANALYSIS (LCA)

Goal & Scope Definition

Life Cycle Inventory (LCI)

Life Cycle Impact Assessment (LCIA)

Interpretation

LCI quantifies the inputs and outputs of a system, material, and energy flows. When producing more than one product, an allocation problem rises. What share of the environmental burdens should be allocated to the product in question, i.e., in the LCI? Different solutions have been proposed, with the most well known being ISO 14041 (Vanegas, 2003)

Source: Carina L. Gargalo, ... Rafiqul Gani, in Assessing and Measuring Environmental Impact and Sustainability, 2015
What is Textile Exchange doing to address the industry’s LCA data gaps?

Scoping a project to invest in gathering *Life Cycle Inventory* data for the industry in 2022

Objective input/output data points to which companies could apply the specific parameters and assumptions relevant to their sourcing scenarios, allowing more efficient creation of material-level LCA’s

We think this makes more sense than investing in gathering full LCA’s for the industry, given the variability of data and assumptions involved in each LCA as well as the high cost of conducting a single LCA – but open to feedback

Participating in the Sustainable Apparel Coalition’s Member Expert Team to evolve the MSI methodology

Refining the methodology to allow more efficient inclusion of data points, vs. continuing to require unique full LCA’s that are costly and often non-comparable

Textile Exchange is very open to feedback and discussion on this topic and how we can best support the industry on this important issue – please bring your thoughts to the Round Tables!
Define “LCA+”

- Impact Data Ideal State

Occurring now

Initial landscaping & information gathering occurring now

Conduct Gap Analysis and Align on Key Impact Data Needs

Identify Priority Impact Data Sources and Partners

Impact Data Integration and Improvement

Initial landscaping & information gathering occurring now

Scoping of project to fill LCA data gaps occurring now

This process will continue to evolve over time as our understanding of impact data evolves and new impact data and methodologies become available.
2022 Priorities

MATERIALS IMPACT DATA

• Onboarding of Climate+ Impact Data Senior Manager – January 2022
• Update impact reduction modeling against the 45% GHG reduction target
• LCA+ impact data model development
• Alignment with key partners around data sources and methodologies
• Life Cycle Inventory library/database project TBC
At the Conference (and Beyond)

Wednesday 10 November  
SAC Annual Meeting – Impact Data Session

Wednesday 17 November  
Conference Breakout Session:
Textile Exchange’s “LCA+” Approach to Understanding and Assessing Impacts
- Ed Ellis, Business Manager, Integrated Biodiversity Assessment Tool (IBAT) (virtual)
- Joel Mertens, Director, Higg Product Tools
- Michael Moeller, Division Manager Audits & Certification, Hohenstein Group
- Siena Shepard, Climate+ Strategy Manager / Preferred Fiber and Materials Matrix Manager, Textile Exchange
- Moderator: Beth Jensen, Climate+ Strategy Director, Textile Exchange
CLIMATE+ STRATEGY IMPLEMENTATION

MATERIALS IMPACT DATA

IMPACT AND INNOVATION

POLICY ENGAGEMENT
Getting to 45% in Tier 4

Baseline:* 611Mt

Fiber and Material GHG emissions

Tons CO₂e

2019  2030

BAU: 845.9Mt

Reduce Growth Related to New Materials and Products

165Mt Slow growth (1%)

+ Aggressive Substitution (Known Solutions)

148.4Mt Materials Substitution

Fill the Innovation Gap (Unknown Solutions)

197Mt Circular & Regenerative

▼ 23%

Get to 45% in Tier 4

45% pathway

533.5Mt

Innovation Gap

336Mt

* Calculations are based upon global fiber volume from the Textile Exchange Preferred Fiber and Materials Market Report and midpoints from the Higg Index Materials Sustainability Index (MSI)
Key Emerging Technologies

- Increase uptake of recycled fibers
- Proliferate regenerative practices
- Mitigate land use change
- Support transition to renewables
- Encourage innovation & circularity

Improve measurement tools & close data gaps
Regenerative Landscape Analysis Report

Project Sponsors:

Deliverable: A public report to serve as a centralized reference point on the topic of regenerative agriculture and the related program and partnership space specific to the apparel, footwear, and textiles industry

Value of this Report:
- Prevent duplication of the research and fact-finding efforts currently taking place within individual brands
- Enable efficient determination of appropriate partners and scaling of projects
- Accelerate meaningful impact reduction via regenerative agriculture initiatives

Timeline:
- November 18, 2021 – Breakout session at Textile Exchange Conference
- January 2022 – Formal launch of report

Textile Exchange’s Regenerative Landscape Analysis Report: Key Findings and Next Steps
2022 Priorities

IMPACT AND INNOVATION

• Regenerative Landscape Analysis Phase 2 research
• Regenerative agriculture impact cohort
• Circularity and “degrowth” strategy development
• “Point of view” statements developed on key industry issues
At the Conference

Tuesday 16 November  
**Keynote:**
Jason Hickel, Author, *Less Is More: How Degrowth Will Save the World*

Wednesday 17 November  
**Breakout Session:** Circularity in the Apparel Sector

Thursday 18 November  
**Breakout Session:** Textile Exchange’s Regenerative Landscape Analysis Report - Key Findings and Next Steps

Thursday 18 November  
**Breakout Session:** Learnings from Leading Regenerative Agriculture Initiatives

Thursday 18 November  
**Breakout Session:** Circular Solutions at Scale
Initial Policy Priorities for Textile Exchange

1. Tariffs and Trade
   US Focus

2. Regenerative Ag Policy
   US Focus

3. Product Labeling
   EU Focus

Preferential Tariff Project

U.S. Policy TBD:
- Farm Bill
- USDA funding

Policy Hub

Where and how we are able to engage is limited by legal restrictions related to Textile Exchange’s status as a U.S. 501(c)(3) nonprofit organization – we have already received a legal briefing on this, and are continuing to work with our lawyers to ensure we are clear on the nuances before moving ahead with some of the above.
## Prioritization Criteria

*How did we determine our initial policy priorities?*

<table>
<thead>
<tr>
<th>Policy area is...</th>
<th>PTP</th>
<th>US Ag Policy</th>
<th>Policy Hub</th>
</tr>
</thead>
<tbody>
<tr>
<td>… directly relevant to Textile Exchange strategy and priorities (tier 4 environmental impacts)</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>… applicable to a significant portion of Textile Exchange membership</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>… already in motion and requiring our reactionary engagement</td>
<td></td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>… a potential risk for Textile Exchange and the industry if we don’t engage</td>
<td></td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>… uniquely positioned for Textile Exchange to lead or actively support</td>
<td>✔</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>… a potentially significant upside/benefit for Textile Exchange and the industry if we do engage</td>
<td>✔</td>
<td>✔</td>
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2022 Priorities

POLICY ENGAGEMENT

• EU policy strategy development and execution
• Preferential trade initiative workplan and initial engagement
• Key regenerative agriculture policy partners identified; engagement in priority initiatives (i.e. 2023 U.S. Farm Bill)
At the Conference (and Beyond)

Tuesday 16 November
Conference Breakout Session: Policy Hub

Tuesday 7 December
Members-Only Webinar: Policy Hub Briefing for Textile Exchange Members
Members, check your email for registration information!
Climate+: Material Specific Strategies

Megan Stoneburner:
Director, Fiber and Materials
Fiber and Materials Goals

Vision (beyond 2030):
Achieve 100% recycled or regenerative fibers production and scale circular business models related to fibers and materials.

Short-Term (by 2024):
Determine baseline and set fiber-specific impact reduction KPIs and conversion targets to ladder up into Climate+ goals.

Long-Term (by 2030):
Reach fiber conversion targets and slow virgin and non-regenerative fiber production growth to achieve Climate+ goals.
## New! Fibers & Materials Department Priorities

### Climate+ Strategy Implementation

Integration of Climate+ strategy across fiber specific categories (e.g., Cotton & Crops, Synthetics, Animal Fibers, and MMCFs) – preview to be shared at RT Summits in November.

### Preferred Fibers & Materials Uptake

Driving collective action to increase the uptake of preferred fibers and materials in support of Climate+ outcomes, and to slow the growth of / eliminate the use of conventional fibers.

### Driving PFM Innovation & Impact

Enabling the industry to pilot and measure the impact of new innovative fiber solutions to bridge the Climate+ gap: 1) Regenerative agriculture; 2) textile to textile recycling; 3) biosynthetic solutions; and 4) next gen cellulosic fibers.

### Convening Industry To Take Action

Driving industry alignment, partnership and opportunities to collectively achieve PFM conversion targets and Climate+ goals.
Fibers & Materials Resources & Tools

Fiber Challenges
- Sustainable Cotton Challenge – commit to 100% of cotton from sustainable sources by 2025
- rPET Challenge – commit to an ambitious uptake target (aim for total rPET to reach 45%) by 2030

PFM Matrix
Assesses the impacts of fibers and materials across 9 impact indicators with the aim to inform brand PFM portfolios, targets and roadmaps, and sourcing strategies.

PFM Toolkit
A training course aimed to guide brands and retailers in making continuous progress towards building PFM portfolios at scale

Round Tables
Total of 8 Round Tables across the core fiber types tasked to identify barriers and solutions to increasing the use of PFMs
Climate+: Round Table Evolution

Sevilla Iovacchini:
Sr. Manager, Industry Engagement
2021 Round Table Summits

- **Animal Fibers Round Table**
  Monday November 15, 11:30am – 3:30pm GMT

- **Biosynthetics Round Table**
  Monday November 15, 11:30am – 3:30pm GMT

- **Manmade Cellulosics Round Table**
  Monday November 15, 11:30am – 3:30pm GMT

- **Recycled Polyester Round Table**
  Tuesday November 16, 11am – 3:15pm GMT

- **Sustainable Cotton Round Table**
  Wednesday November 17, 11am – 3:15pm GMT

- **Home & Hospitality Round Table**
  Thursday November 18, 11am – 1:00pm GMT

- **Organic Cotton Round Table**
  Friday November 19, 10am – 5:00pm GMT

- **Responsible Leather Round Table**
  Friday November 19, 10am – 3:00pm GMT
Animal Fibers and Materials Round Table

- Monday November 15, 11:30am – 3:30pm GMT

- Join us for an engaging session on animal fiber systems. With input from experts and practitioners, we will explore how the key Climate+ impact areas of carbon, soil, water, and biodiversity relate to animal fiber systems and how the supply network can collaborate together to support this work. The second half of this RT meeting will be set in breakout groups where members will have a chance to explore case studies and extract key findings focused on action and partnership.
Biosynthetics Round Table

- Monday November 15, 11:30am – 3:30pm GMT

- The Biosynthetics Round Table Summit is our annual meeting that connects members of the Round Table and the broader industry to inspire and equip people to accelerate sustainable practices and reduce climate impacts focusing on biosynthetics.
Man-made Cellulosic Fibers (MMCF)

- Monday November 15, 11:30am – 3:30pm GMT

- Join our annual MMCF Round Table Summit in person or virtually to learn, discuss and co-develop what the MMCF sector needs to prioritize to overcome technical, societal and commercial barriers. Participate in interactive panels and breakouts lead by NGO and industry professionals and network with experts of the whole value chain from feedstock to end-of-life of MMCF fibers.
Recycled Polyester (rPET) Round Table

• Tuesday November 16, 11am – 3:15pm GMT

• The rPET Round Table aims to leverage industry expertise by bringing balanced participation from business, civil society, government, and development partners to discuss specific sustainability themes in the textile industry, through facilitated dialogue while working together to articulate a broad industry strategy and action plan.
Sustainable Cotton Round Table

- Wednesday November 17, 11am – 3:15pm GMT

- The Sustainable Cotton Round Table (SCRT) works to increase the uptake of organic and preferred cotton, which has the ability to increase the income of smallholder farmers, reduce water use and improve water quality and soil health.
Home and Hospitality Round Table

- Thursday November 18, 11am – 1pm GMT

- The primary objective of the Home & Hospitality Round Table (H+HRT) is to better understand the preferred fiber and materials needs and priorities of this industry sector. The H+HRT Summit is our annual meeting that connects stakeholders to the broader industry to look at the unique challenges and opportunities this sector has to accelerate sustainable practices and reduce climate impacts.
Organic Cotton Round Table

• Friday, November 19, 10am – 5pm GMT

• The Organic Cotton Round Table (OCRT) aims to bring together the global organic cotton community to collectively address the challenges and opportunities that exist within the sector. The event will cover a range of topics from the evidence for organic to the important role of in-conversion cotton in the journey to organic. We'll hear leading-edge examples from around the world of how organic cotton is being upscaled, and there will be plenty of opportunities for all attendees to interact and discuss the burning issues for the sector.
Responsible Leather Round Table

• Friday November 19, 10am - 3pm GMT

• This year’s RLRT summit will focus on the ways that the Leather Impact Accelerator (LIA) and Impact Incentives can be used to individual and global sustainability targets. We will look at where LIA is at and where it is heading in the context of what is happening in the wider leather landscape.

• Do not miss the launch of the Deforestation and Conversion Free challenge by Textile Exchange, NWF, WWF, and the Accountability Framework.
Questions?

Please type them in the Q+A box!
Thank You to our Title Sponsor

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ROCK SOLID SOURCING SOLUTIONS

KIPAS TEXTILES

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Thank you

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Appendix
“LCA+” Impact Data Sources

Key Gaps/Needs

• Representative LCA’s (powered by LCI data)
  o Top representative of global sourcing – regularly updated and used to calculate broad industry-wide progress
  o Additional LCA’s representative of individual companies’ key materials scenarios by volume – used to calculate progress against individual SBT’s

• Science-Based Targets for Nature – guidance on biodiversity and water outcomes, impact data, and accounting methodologies

• Soil health data - collected at individual farm level and rolled up to supply shed / regional reporting level

• Ability to capture impacts at supply shed / regional level
  o TE work to develop GIS/geospatial mapping
  o Gold Standard “supply shed” development
  o Regional farm groups/collaborations (i.e. Fibershed in California, New Zealand Merino)
A note on LCA’s and the TE Organic Cotton LCA

- This LCA was conducted in 2014 – Textile Exchange spent significant $$$ to ensure that it was conducted by the same consultant, using the same methodology, as the Cotton Inc. 2012 LCA.

- The comparative information as written in the Summary of Findings is accurate – because they have framed the comparisons as being between two specific studies, which were conducted using the exact same methodology.

- However, outside of this specific comparative framing, these numbers should NOT be used to make broad claims about organic vs. conventional.
How is the TE Organic Cotton LCA being used?

- **Life Cycle Inventory (LCI):** the data collection portion of LCA – the straightforward accounting of everything involved in the “system of interest.” The thousands of quantifiable data points collected within a specific sourcing scenario. LCI data is used to conduct LCA’s.

- **Life Cycle Assessment/Analysis (LCA):** LCI data with assumptions applied to reflect the “system of interest” – this includes defining goals, scope, and intended use of the LCA; inventory analysis, impact assessment, and interpretation.

- The GaBi database uses LCI data from the 2014 TE Organic Cotton LCA to underpin all of the global LCA calculations on organic cotton. This is why it was so critical to conduct the 2014 LCA using a specific methodology and consultant, to ensure it could be used for this purpose.

- The GaBi database is what provides the background data for the MSI. So while the TE Organic Cotton LCA is not in the MSI, the LCI background data from the TE Organic Cotton LCA is being used to power any organic cotton LCA’s that meet the requirements for comparability within the MSI.

- LCA data from Cotton Inc. is being used in the same way within GaBi and the MSI for conventional cotton. Their last update was in 2016.