

資料 4

# 責任あるサプライチェーン管理

# Textile Exchange

米国本部のNP0法人

ブランド・小売・生産者参加型プラットフォーム

創設：2002年創設

会員数：375 (2020. 06時点)

各種講習会・円卓会議

基準策定と運営



**MEMBERSHIP**

## ABOUT TEXTILE EXCHANGE



### About Textile Exchange

Founded in 2002, Textile Exchange is a global non-profit 501(c)3 with more than 375 members that represent leading brands, retailers and suppliers in the textile industry. The organization works to create leaders in the sustainable fiber and materials sector by providing learning opportunities, tools, insight, standards, data, measurement and benchmarking-and by building a community that can collectively accomplish what no individual or company can do alone.

### Benefits of Membership

Textile Exchange membership connects you to a **powerful community** of brands, retailers and companies, large and small, from across the textile world- all seeking to create a more sustainable and responsible fiber and materials industry. Members gain access to learning opportunities, tools, relevant data, insight reports, industry networks and connections- and, above all, the opportunity to **take action**, individually and collectively.

### Contact Us

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## 8 WAYS TO ENGAGE



### Visit our Learning Center

Access our broad knowledge base on Preferred Fibers and Materials.



### Join a Round Table

Roll up your sleeves and become part of the solution.



### Benchmark Your Company

Real value and understanding comes by measuring your success. Individual action leads to collective results.



### Adopt a Standard

Ensure your commitment to sustainability results in real and meaningful change.



### Attend our Conference

Learn, connect, get inspired and catalyze the industry.



### Make a Fiber Commitment

Create a strategy. Capture your impacts. Become a leader in driving transformation.



### Engage with the SDGs and Science Based Targets

The time to act is now! Strategic action is the path forward to achieve our goals by 2030.



### Become a Member

Join our powerful community, collectively we take action.

**LEARN MORE:**  
[TextileExchange.org](https://TextileExchange.org)

# WE ARE TEXTILE EXCHANGE

Textile Exchange is a global nonprofit that creates leaders in the preferred fiber and materials industry.

**What we do:** In short, we build a community that can collectively accomplish what no individual or company can do alone. We develop, manage, and promote a suite of leading industry standards, as well as collect and publish critical industry data and insights that enable brands and retailers to measure, manage, and track their use of preferred fiber and materials.

**How we do it:** With a robust membership representing leading brands, retailers, and suppliers, Textile Exchange is positively impacting the climate through accelerating the use of preferred fibers across the global textile industry.

**Climate+:** With our new Climate+ strategy, Textile Exchange is the driving force for urgent climate action on textile fiber and materials with a goal of 45% reduced CO2 emissions from textile fiber and material production by 2030. By benchmarking the industry and providing actionable tools for improvement, Textile Exchange is driving a race to the top. [Learn more here.](#)



## 500+

active Members of  
Textile Exchange



## 2,400+

participants across  
11 Round Tables



## 200+

companies engaged in  
benchmarking their use  
of preferred materials



## 24,295

sites certified to our 7  
active standards



## 1,250+

industry professionals  
convened at our most  
recent Conference



## 70+

online educational  
events hosted  
throughout 2020

500社以上のア  
クティブメンバー

2400人以上が参加する11  
のラウンドテーブル(素  
材・市場別研究会)

200社以上が“Preferred  
Material”をベンチマークに  
採用

24,295のサイトが7  
つの国際認証基準  
で認証登録済

1250人以上の専  
門家が最新の国  
際会議に参加

70以上のオン  
ライン研修を  
2020年実施

## WE ARE TEXTILE EXCHANGE

テキスタイルエクスチェンジ(TE)は、サステナブルな繊維の為に素材・原料業界のリーダーを生み出すグローバルな非営利団体です。

**What we do:** 要するに、私たちは個人や企業が単独ではできないことを集的に達成できるコミュニティを構築します。一連の主要な国際認証基準標準を開発、管理、および促進し、ブランドや小売業者がサステナブルな原料の使用を測定、管理、追跡できるようにする重要な業界データと動向を収集して公開します。

**How we do:** 主要なブランド、小売業者、サプライヤーを代表する強力なメンバーシップにより、TEは、世界の繊維産業全体でサステナブル繊維の使用を加速することにより、気候にプラスの影響を与えています。

**Climate +:** 新しいClimate +戦略により、TEは、2030年までに繊維および材料の生産からのCO2排出量を45%削減することを目指し、繊維および材料に対する急速な気候変動への行動力となります。ベンチマークを改善し行動可能なツールを提供することでTEはトップへの競争を推進しています。

## Textile Exchangeの主なメンバー

【アウトドア・スポーツ】パタゴニア、ナイキ、アディダス、プーマ、ルルレモンなど

【カジュアルファッション】インディテックス(Zara)、H&M、GAP、C&A

【ラグジュアリーブランド】Kering、LVMH、バーバリーなど

【小売店】TARGET、M&S、Otto、Tchibo、IKEAなど

【日本】興和、豊島、伊藤忠商事、西染工、旭化成、ファストリテイリング、ACE、PBP  
財団、M.S.I、  
タキヒヨー、カケンテストセンター、ケケン試験認証センター

【その他】United Nations(国連)

※Kering: GUCCHI、サンローラン、ボッテガ・ヴェネタ、バレンシアガ、アレキサンダー マックイーン等を有するグループで、全社を挙げてサステナビリティに力を入れている。

LVMH: 服飾のルイヴィトンとワインのモエエヘネシーを中核ブランドとするラグジュアリーブランドグループ。LOEWE、CELINE、KENZO、DIOR などのブランドを有する。





# Membership Levels & Pricing

		Supply Network Partner	Brand/Retailer Partner	Supporter	Friend	General Public
		\$12,500	\$12,500	\$3,000	\$500	Complimentary
Products	Access to The Hub - Member Portal	✓	✓	✓	✓	–
	Annual Conference Ticket(s)	3 (Value \$6,000)	3 (Value \$6,000)	1 (Value \$2,000)	–	–
	Annual Conference Exhibit Area	1 (Value \$3,000)	–	–	–	–
	Annual Conference Recordings	✓	✓	✓	✓	–
	Annual Conference Members Only Event	Open to all participating members	Open to all participating members	Open to members	Open to members	–
	Access to Regional Events	Open to all participating members	Open to all participating members	Open to members	Open to members	\$50
	Material Snapshots Library (29 Publications) <sup>1</sup>	Unlimited	Unlimited	Unlimited	–	–
	Fiber Quick Guides (Biosynthetics, Organic Cotton, and more)	✓	✓	✓	✓	✓
	Webinars	Unlimited live access and recordings	Unlimited live access and recordings	Unlimited live access and recordings	Unlimited live access and recordings	Unlimited live access and recordings
	Annual Member-only eLearning Series + Report Briefs	Unlimited live access and recordings	Unlimited live access and recordings	Unlimited live access and recordings	Unlimited live access and recordings	–
Benchmarking	Corporate Fiber and Materials Benchmark Participation	Anticipated Pilot 2020	Open to all	Open to all	Open to all	Open to all
	Corporate Fiber and Materials Benchmark Private Brand Report	Anticipated Pilot 2020	✓	✓	✓	✓
	Corporate Fiber and Materials Advanced Report Card	Anticipated Pilot 2020	✓	\$2,000	\$1,000	\$3,000
	Corporate Fiber and Materials Benchmark Report Card	Anticipated Pilot 2020	✓	✓	✓	✓
Industry Research Reports	Annual Preferred Fibers Market Report	✓	✓	✓	✓	✓
	Corporate Fiber and Materials Benchmark Sector Overview	✓	✓	✓	✓	✓
	Corporate Fiber and Materials Benchmark Sector Report	✓	✓	✓	✓	✓
	Organic Cotton Market Report	✓	✓	✓	✓	✓
	Special Annual Reports	✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓
Standards Benefits	Certification Toolkits	✓	✓	✓	✓	✓
	Sourcing Guides (not all Standards)	✓	✓	✓	✓	✓
	Labelling Guide	✓	✓	✓	✓	✓
	Brand and Retailer Toolkit	✓	✓	✓	✓	✓
	Standard-specific Webinars and Access to Recordings	✓	✓	✓	✓	✓
	Supplier or Brand/Retailer Training	✓	✓	–	–	–
Services	Access to Round Tables	Open to all	Open to all	Open to all	Open to all	Open to all
	Access to Round Table Summits	✓	✓	✓	✓	\$250
	Access to TEam Members; In-Person meetings <sup>2</sup>	✓	✓	–	–	–
	Access to Learning Center <sup>3</sup>	✓	✓	✓	✓	Some publications are paid
Recognition	Member Spotlight	✓	✓	–	–	–
	Logo on our website, with links	✓	✓	✓	✓	–
	Certificate of membership	✓	✓	✓	✓	–

1. Value \$250 each; Total Value \$7,250. Updates scheduled for March 2020.

2. Meetings subject to availability and geography.

3. Member access via The Hub. General public access via [store.textileexchange.org](https://store.textileexchange.org)

# Textile Exchange

## サプライチェーン管理の観点から 各種基準の策定と運営もしています

### About Textile Exchange

Textile Exchange's mission is to accelerate sustainable practices in the textile industry. This acceleration only happens when steps have been taken to ensure that actions toward sustainability result in real and meaningful change.

Find out more at [www.TextileExchange.org](http://www.TextileExchange.org).

### WHAT'S NEXT?

To learn more about how certification works, visit our website to download the Certification Toolkit: [TextileExchange.org/Certification-Toolkit](http://TextileExchange.org/Certification-Toolkit)

### To Become Certified:

The first step is to communicate with the approved third-party certification bodies ([TextileExchange.org/Accreditation](http://TextileExchange.org/Accreditation)) and apply for certification to the standards that best meet your needs. Full certification to a standard may allow you to label your products to the standard.

### GET IN TOUCH

To learn more about Textile Exchange Standards and view certified suppliers lists, please visit [TextileExchange.org/integrity](http://TextileExchange.org/integrity).

For questions about our standards, contact [integrity@TextileExchange.org](mailto:integrity@TextileExchange.org).

Follow us on Twitter  
@TESStandards

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## Textile Exchange STANDARDS

Integrity is the foundation of sustainability.

[TextileExchange.org/integrity](http://TextileExchange.org/integrity)

### ABOUT TE STANDARDS

#### We Believe

that integrity is the foundation of sustainability.

Our standards work to support the integrity of product claims by providing verification from an independent third-party. All Textile Exchange Standards have been developed by a multi-stakeholder approach to address gaps in current industry standards.

#### What is Chain of Custody?

Chain of Custody is a system to document and ensure the path taken by a defined entity material through all stages of transfer and production, to the final product. The chain of custody preserves the identity of the raw material through the certification process.

#### Content Claim Standard (CCS)

### CONTENTCLAIM STANDARD

The Content Claim Standard is the chain of custody verification for all Textile Exchange Standards. On its own, the CCS can be used to verify any claimed material through any supply chain. It forms the foundation of our standards.

### ANIMAL WELFARE STANDARDS

#### Responsible Down Standard (RDS)



The Responsible Down Standard verifies responsible animal welfare practices on farms in the down supply chain and tracks down and feathers from input to the final product.

To learn more and see a list of certified suppliers, visit [ResponsibleDown.org](http://ResponsibleDown.org).



#### Responsible Wool Standard (RWS)



The Responsible Wool Standard verifies responsible animal welfare and progressive land management practices on farms in the wool supply chain and tracks wool from the farm to the final product.

To learn more and see a list of certified suppliers, visit [ResponsibleWool.org](http://ResponsibleWool.org).

### ORGANIC & RECYCLED STANDARDS

#### Organic Content Standard (OCS)



The Organic Content Standard tracks certified organic material from the farm to the final product.

#### Recycled Claim Standard (RCS)



The Recycled Claim Standard verifies recycled input material and tracks it from input to the final product.

#### Global Recycled Standard (GRS)



The Global Recycled Standard verifies recycled input material, tracks it from input to the final product, and also ensures responsible social and environmental practices as well as chemical use throughout production.

繊維業界の扱う素材  
は天然から化学・合成繊維  
に変化してきました

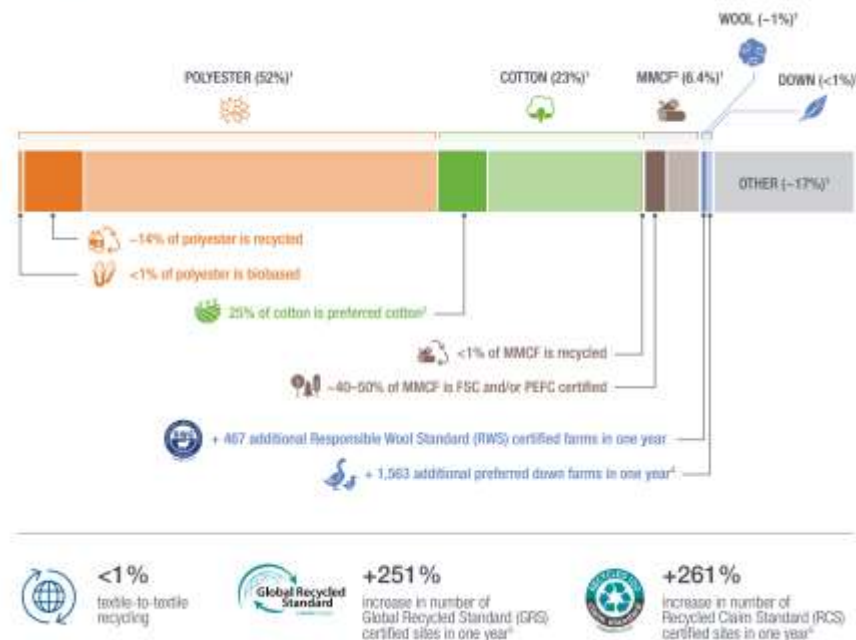
GLOBAL FIBER PRODUCTION (MILLION MT)



Preferred Fibers & Materials...

世界の繊維業界では、それぞれの素材でサステナブルに取り組んでいます

PREFERRED FIBER AND MATERIALS MARKET OVERVIEW - 2019



Preferred Fiber & Materials  
Market Report 2020





## Preferred Fiber

TEでは環境・社会・人権に配慮した原料を使った繊維を“Preferred Fiber”と規定して業界に発信して、その採用を推奨しています



### Cotton

With a market share of 25 percent in 2019 (i.e. the 2018/19 ICAC harvest year), the market for preferred cotton is more advanced than for most other materials. Key drivers are the existence of several well-established preferred cotton programs, and that cotton as a large volume material has been on the industry's sustainability radar for many years. Yet, further increasing the share of preferred cotton and continuous improvement in terms of sustainability are urgently needed.



### Polyester

While the share of recycled polyester is increasing and reached 14 percent in 2019, it is not yet advancing at the speed and scale required. Low prices of fossil-based polyester create a challenging market environment for recycled and biobased polyester. As the fiber with the largest market share, the impact scale of polyester is enormous. While using plastic bottles as feedstock is a good start - and most recycled polyester is currently based on plastic bottles - we need to move towards textile-to-textile recycling and urgently improve social conditions in waste collection and recycling.



### Polyamide

Due to technical challenges and less attention due to lower volumes, the market share of preferred polyamide is still low compared to polyester. As the second-most used synthetic fiber, polyamide offers significant impact potentials by transitioning to recycled and biobased polyamide. Most recycled polyamide is currently made from pre-consumer waste, some also from discarded fishing nets. Increasing the use of post-consumer textiles is needed.



### Manmade Cellulosics

The market share of "recycled MMCs" is estimated at below 1 percent but a lot of research and development is ongoing, so it is expected to increase significantly in the next years. Despite a high market share of FSC and PEFC certified

MMCFs - estimated at around 40-50 percent - the risk of sourcing MMCs from ancient or endangered forests remains high. Canopy estimates that around half of all MMCs come from ancient and endangered forests. With new standards introduced for the pulp and fiber level, action is also likely to grow on the pulp and fiber level.



### Wool

Conventional wool dominates the wool market but the adoption of non-mulesing and preferred wool programs, such as the Responsible Wool Standard, is increasing. Transitioning to wool programs with both animal welfare and responsible land use criteria in place offers the potential to create positive impacts in terms of animal welfare, land use, and biodiversity. The use of recycled wool can be another key lever. While it has a long tradition, the market share is still low, but the impact potentials are very high.



### Down

Awareness of animal welfare issues has led to successful growth in the use of standards, such as the Responsible Down Standard. While influencing at farm level is challenging, the use of preferred down standards helps to reduce the risks along the supply chain.



### Leather

Until recently, leather processing risks (tanning, chemical use) have been the main focus, but there is a growing interest in animal welfare, deforestation, land use (and associated biodiversity loss), and climate change issues. Textile Exchange has developed the Leather Impact Accelerator (LIA) to speed up positive actions along the full beef/leather value chain.

### Other fibers and materials

Other fibers and materials - from hemp to elastane - are often not in the focus of the industry's attention despite significant sustainability potentials as well as challenges. The report highlights a few innovative examples.



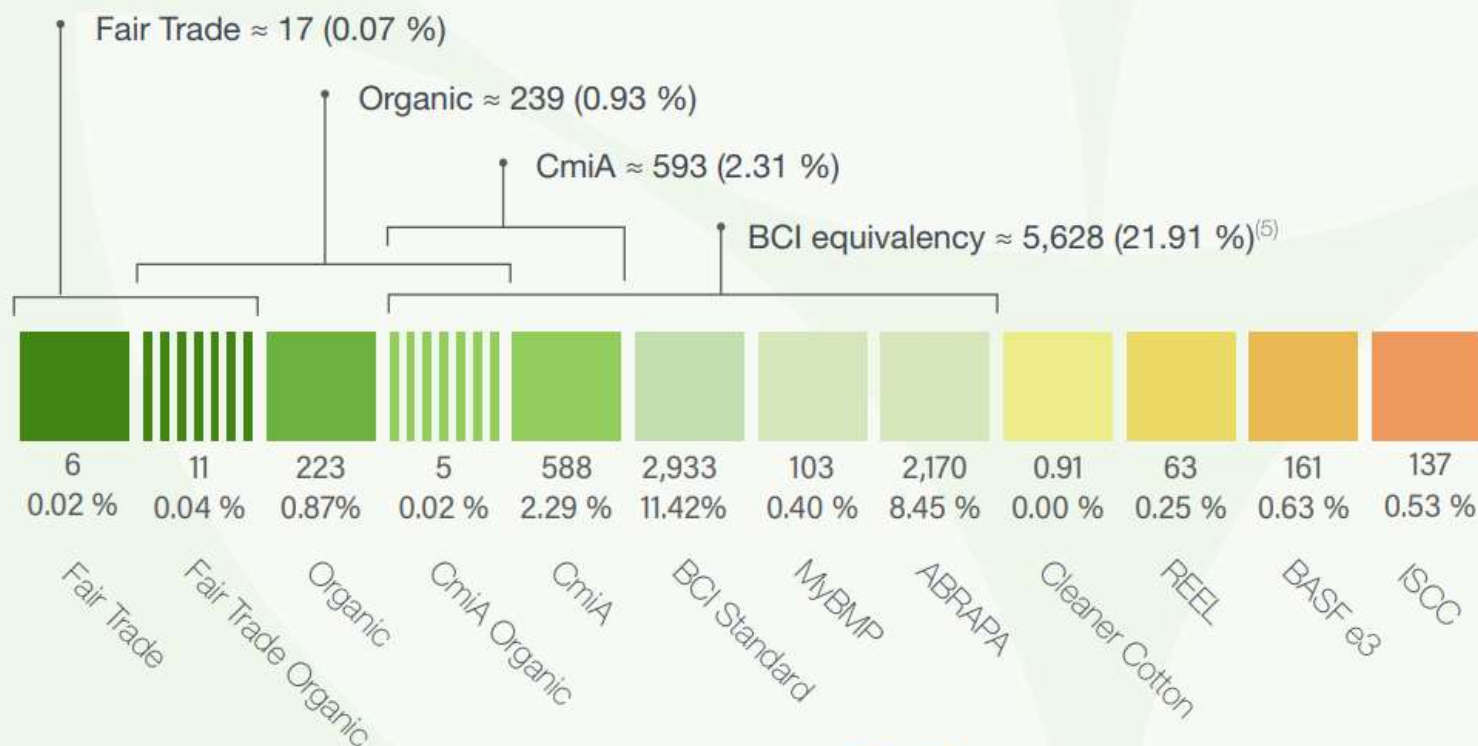
Preferred Cotton  
＝綿の取組み

Preferred Cotton  
は全綿花生産量  
の約25%に達し  
ました。  
その内の約86%  
がBCIです。

## PREFERRED COTTON FIBER PRODUCTION IN 2018–19

6.4 million MT

in ,000 mt and percent of cotton



## 世界では様々なNGOが“Preferred Cotton”に取り組んでいます

Accelerating the transition to preferred cotton needs the commitment, action, and collaboration of multiple stakeholders.

### Call to action

#### Join the Organic Cotton Round Table:

The Global Organic Cotton Round Table and the Regional Organic Cotton Round Tables bring together stakeholders to accelerate the transition to organic cotton.

#### Sign the Sustainable Cotton Challenge

2025: Signatories commit to using 100 percent sustainable cotton by 2025. The progress is tracked through the Corporate Fiber and Materials Benchmark program.

### Examples of initiatives

Chetna Coalition (ChetCo) was formed in 2013 with a shared vision to pilot a novel and highly collaborative sourcing model for ethical fashion. In 2019, the coalition published its first Chetna Coalition Brand Impact Report.

Cotton 2040, founded in 2016, is a platform that aims to accelerate progress and maximize the impact of existing sustainable cotton initiatives, bringing together leading international brands and retailers, sustainable cotton standards, and other stakeholders across the value chain. In 2019, Cotton 2040 launched [CottonUpGuide.org](https://cottonupguide.org) that provides practical information and resources to either start sourcing sustainable cotton or increase volumes.

CottonConnect, founded in 2009, is an enterprise with a clear mission to transform the cotton industry for good. In August 2019, Primark announced the expansion of its collaboration with CottonConnect to train 160,000 cotton farmers in more environmentally friendly farming methods by 2022.

GiZ, a service provider in the field of international cooperation, started its project “Sustainability and Value Added in the Cotton Economy” in 2019. The project aims to increase the added value gained from sustainable cotton in Burkina Faso, Cameroon, India, and Uzbekistan.

The Inside Guide to Cotton and Sustainability 2020, written by Simon Ferrigno and edited by John Mowbray, was published in March 2020. The 160 page publication provides a very comprehensive overview of cotton and sustainability.

Laudes Foundation (formerly C&A Foundation), launched in 2020, is here to challenge and inspire the industry to harness its power for good. The Laudes Foundation supports various projects related to preferred cotton.

Organic Cotton Accelerator (OCA), founded in 2016, is a multi-stakeholder initiative focused on creating a prosperous organic cotton sector which benefits everyone — from farmer to consumer. A recent project launched in 2019 is the Organic Cotton Traceability Pilot.

Project Delta, a 3-year project (2019 to 2021), aims to develop a joint sustainability measurement and reporting framework for different agricultural commodities focusing on cotton and coffee. It is a collaboration between BCI, ICAC-SEEP, the International Cotton Organization and the Global Coffee Platform, funded by ISEAL.

Soil Health Institute (SHI), a USA based nonprofit organization, launched “Healthy Soils for Sustainable Cotton” in 2019, a continuous engagement project to help USA cotton farmers increase their soil health. The initial pilot program, conducted during 2019, started in two USA states and will expand to another three states in 2020.

Textile Exchange, founded as Organic Exchange in 2002, is a global non-profit that works closely with its members to drive industry transformation in preferred fibers, integrity and standards, and responsible supply networks. Flagship projects related to cotton include the Organic Cotton Market Report, the Global and Regional Organic Cotton Round Tables, and the 2025 Sustainable Cotton Challenge commitment (progress measured through the Corporate Fiber and Materials Benchmark program).

U.S. Cotton Trust Protocol, a data collection, measurement, and verification procedure, was introduced by the Cotton

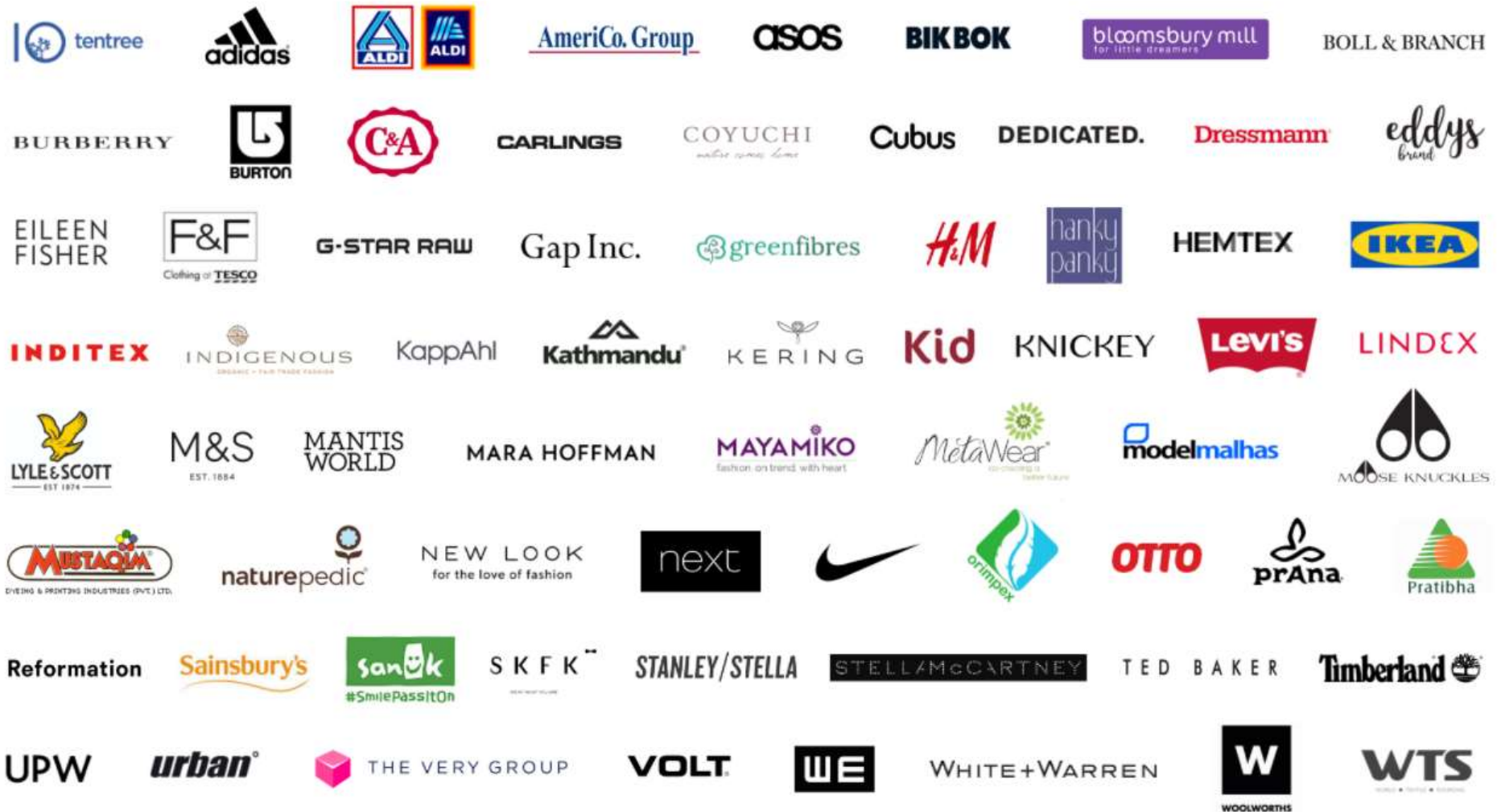
Council in November 2019. It will document USA cotton production practices and their environmental impact. The Cotton Council aims to benchmark the cotton growers’ results against its 2025 sustainability goals. In May 2020, the U.S. Cotton Trust Protocol was added to the Sustainable Cotton Challenge 2025 recognized programs.

West Africa Organic and Fairtrade Coalition was launched at the International Cotton and Textile Conference (SICOT) in Koudougou, Burkina Faso in September 2018. This coalition aims to establish reliable market access for tens of thousands of smallholder farmer families in West Africa who are producing organic-Fairtrade cotton and other organic crops.

Please see also the pages on [preferred cotton commitments and programs](#) that include standards and certification, and the forthcoming [Textile Exchange’s Organic Cotton Market Report 2020](#) for more information.

# 2025 Sustainable Cotton Challenge

Current brands that have accepted the 2025 Sustainable Cotton Challenge are:



自社の使用する綿を全てサステナブルにする活動“Cotton Challenge 2025”





>270,000 mt  
of down and feathers  
produced globally

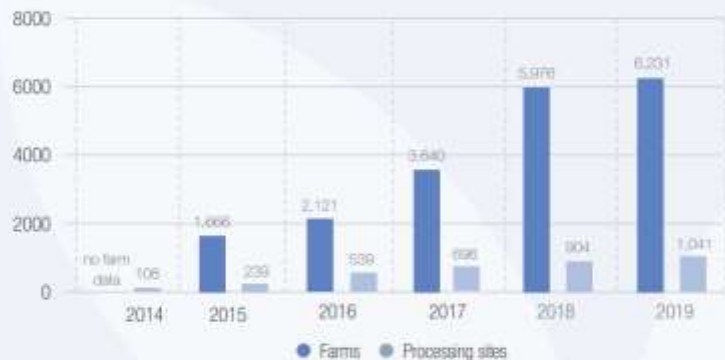


70–90%  
produced in  
China

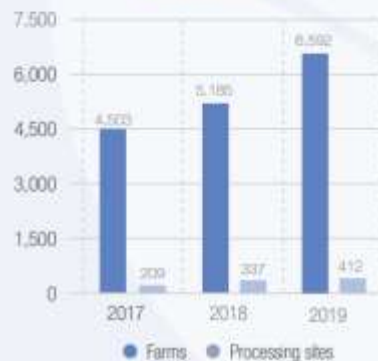


75–90%  
from ducks,  
rest from geese

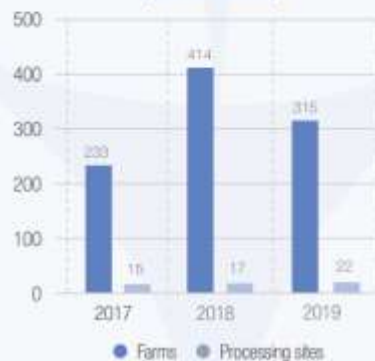
RESPONSIBLE DOWN STANDARD (NO. OF SITES)



DOWNPASS  
(NO. OF SITES)



GLOBAL TRACEABLE DOWN STANDARD  
(NO. OF SITES)



The global down and feather production volume is estimated at around 270,000 mt per year<sup>(1)</sup>.

70–90 percent of the down production comes from China<sup>(1)</sup>. The global down and feather market is highly fragmented with many small and medium producers.

Around 75–90 percent of the down comes from ducks, the remaining down comes mainly from geese<sup>(2)</sup>.

Increasing concerns about the treatment of animals have led to the development of animal welfare standards for down. Key standards include the Responsible Down Standard (RDS), the Global Traceable Down Standard (Global TDS), and Downpass. These standards award and ensure that there is:

- no live-plucking
- no force-feeding
- broader animal welfare (depending on standard)

The Responsible Down Standard (RDS) is gaining importance. The number of RDS certified farms increased to 6,231 in 2019, while the number of certified processing sites increased to 1,041 (from 108 in 2014). The RDS was launched in 2014.

The latest revision, the RDS 3.0, was published in July 2019.

The number of Global Traceable Down Standard (Global TDS) certified farms increased from 233 in 2017 to 315 in 2019. The number of certified processing sites increased from 15 in 2017 to 22 in 2019. The Global TDS was launched by NSF in January 2015, initially developed by Patagonia as an internal standard.

The number of Downpass certified farms increased from 4,503 in 2017 to 6,592 in 2019. The number of certified processing sites increased from 209 in 2017 to 412 in 2019. Due to a change in the standard system, a comparison with previous years is not possible. The global Downpass certified down production volume in 2019 is estimated at around 3,411 mt. This is equivalent to an estimated 1.3 percent of the total down production volume in 2019. Out of this, approximately 3,011 mt are used for Downpass certified bedding, while around 400 mt are used for Downpass certified outdoor and fashion products. The first version of the Downpass standard was launched in June 2016, an updated version in 2017.

“Preferred Down”を生産する農場は増えてきました。



# Commitments to Preferred Down

## Examples

The number of apparel, outdoor and home textile companies that have publicly committed to preferred down is increasing every year. Over 40 leading brands and retailers have made public commitments to preferred down.



### Examples of public commitments by Textile Exchange members

All down used by **Arc'teryx** is certified to the RDS. More information [here](#).

Since fall 2016, all the down and feathers in **C&A's** products are RDS-certified. More information [here](#).

**Columbia** has committed to 100 percent RDS certified down and feathers throughout its global line (excluding its Japanese subsidiary). More information [here](#).

**Eileen Fisher** is committed to 100 percent RDS certified down and feathers. More information [here](#).

**Esprit** ensures that 100 percent of their down and feathers are sourced according to the RDS. More information [here](#).

**Gucci's** sustainability principles state that the supplier and its sub-supplier ensure that feathers or downs are RDS or Global TDS certified or that they adopt, maintain and verify a sourcing policy that ensures there has been no live-plucking and they don't derive from animals that have undergone force-feeding during the reproductive phase of their lives. More information [here](#).

**H&M** only accepts down from farms that have been RDS certified and recycled down since 2015. More information [here](#).

100 percent of the down in **Kathmandu** products is certified under the RDS. More information [here](#).

All down sourced by **Marks & Spencer** must be certified by RDS or Global TDS, or RCS/GRS certified recycled down. More information [here](#).

**Norrona** only uses down that is RDS certified or recycled. More information [here](#).

From the Fall 2017 product season, all **Patagonia's** virgin down was certified to the advanced certification level of the Global TDS. More information [here](#).

**prAna** is committed to only sourcing RDS certified down. More information [here](#).

**Ralph Lauren** publicly committed to 100 percent RDS or Global TDS certified down by 2023. More information [here](#).

**The North Face** started using RDS-certified down in Fall 2015 and since Fall 2016 they have only purchased RDS-certified down. More information [here](#).

**Varner** is committed to 100 percent RDS down. More information [here](#).

All virgin down purchased by **VF Corporation** in 2017 and 2018 was certified to the RDS. 2018 was the first year that VF purchased recycled down, which was all certified to the GRS. More information [here](#).

Since 2017, 100 percent of the down sourced by **Volcom** is RDS certified. More information [here](#).

### Other examples

All down used in **Deckers**-branded products is certified in accordance with the RDS. More information [here](#).

Starting with its fall/winter collection 2016, **Hugo Boss AG** exclusively uses down that is produced without live-plucking or forced feeding and has documented origins. More information [here](#).

From Fall 2017, **Tommy Hilfiger** confirmed that all their down products are certified to the RDS. More information [here](#).

様々なブランドが  
“Preferred Down”  
に取り組んでいます

< 3%

● Organic (<1%) ● RWS (<1%)  
● ZD (~1%) ● Unspecified (97%)

Year	Farms	Processing sites
2017	95	55
2018	278	148
2019	745	343

A donut chart with a blue segment representing 74% of the total. The text '74%' is written in the center of the chart.

- South Africa: 03 %
- Argentina: 15 %
- Uruguay: 73 %
- Australia: 27 %
- New Zealand: 0.4 %
- USA: 0.1 %

USA  
Form: 1

**SOUTH AMERICA**

<b>ARGENTINA</b>	<b>URUGUAY</b>
Farms: 109	Farms: 0

**SOUTH AFRICA**  
Euros 480

**SOUTH AFRICA**  
Euros 480

Faintly visible

[illegible]

## FORTHING, 2015

FORTHING, 2015

100

Coalminers in the state of New Guinea (1990). The biggest coalmines including Kalimantan and Oriskany (Mongolia) and Oriskany (Mongolia) (1990) are the largest currently (1990) in the world. The biggest coalmines in Mongolia in 1990 were "Oriskany" and "Oriskany". About 100,000 coalminers are employed in New Guinea, 100,000 in Mongolia.

It is important to remember that the figures from the *Nonrenewable Fuels* category are not the same as the figures from the *Nonrenewable Fuels* category. The *Nonrenewable Fuels* category is a subset of the *Nonrenewable Fuels* category, and the figures from the *Nonrenewable Fuels* category are not the same as the figures from the *Nonrenewable Fuels* category.

Of two dozen global brands that agreed to contribute to support for the establishment of the *Mesoamérica Sostenible* (Sustainable Mesoamerica) MSCP, a national-level voluntary institution with similar policy-making and facilitator by the United Nations Development Programme (UNDP). The Mesoamerica has four sub-institutions in its last-year: *Elaboración de Plan* (Plan), *El Control* and *Seguimiento* (productive action) (see that addresses the last two years to bring the sustainability of activities in Mesoamérica, 2010) to influence

national government policy that involves a strong and coherent legal and institutional framework for sustainable consumption in Bangladesh. It is essential to ensure that all concerned stakeholders and activities that contribute to meet effective and to realize the objectives of the policy for sustainable consumption as a global leader for sustainable consumption.

The MSU will map the work of the different alliances, supporting needs and identifying common goals and strategies. The alliances include the [All for Trade Foundation](#) (AFT) with the [The Good Commerce Initiative](#) for Agricultural Industries, [Bark Economic Center](#), the [Great Lakes Interim Health Project](#), the [Justice and Human Rights](#) with the [IFC Commerce Gateway](#), [The Nature Conservancy](#) (TNC) and the [United Nations](#) including the [Watershed Governance System](#) (WGS).

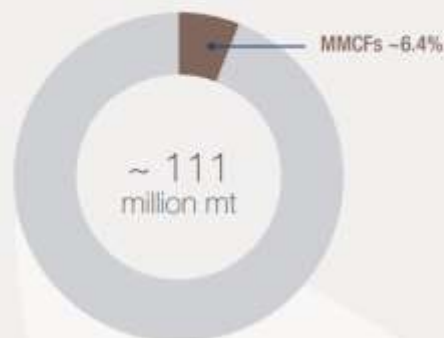
United Exchange is seeking the largest  
Durable Assembly group (DAAG), which brings  
together a number of contractors located in  
and around the same geographic area and  
can provide significant work and could not  
enter the scope of this Program. DAAGs, by  
their nature, are not subject to the same rules as

© 2004 Blackwell Publishing Ltd *Journal of Internal Medicine* 255: 103–110

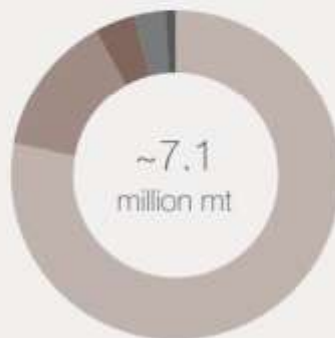


ウールの生産量は全盛期の約半分程度に。  
“Preferred Wool”は増えています。

## GLOBAL MARKET SHARE OF MMCFs IN 2019

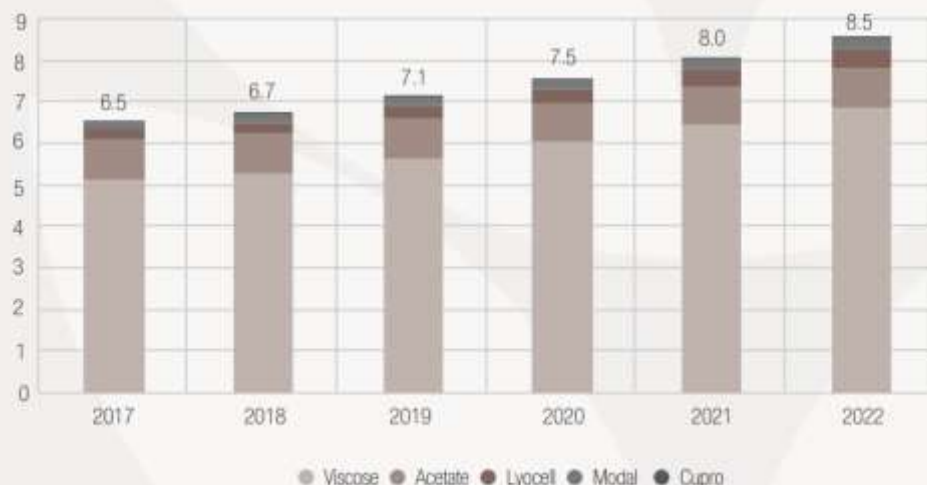


## SHARE OF MMCFs BY TYPE IN 2019



● Viscose (~79%) ● Acetate (~13%) ● Lyocell (~4.3%)  
● Modal (~2.8%) ● Cupro (<1%)

## GLOBAL MANMADE CELLULOSIC FIBER PRODUCTION (MILLION MT)



Despite a high market share of FSC and PEFC certified MMCFs - roughly estimated at around 40 to 50 percent of all MMCFs<sup>(1)</sup> -, the risks of sourcing MMCFs from ancient or endangered forests remains high.

The NGO Canopy estimates that approximately half of all MMCFs (3.3 million mt) comes from Ancient and Endangered Forests, such as the carbon-rich peatlands of Indonesia and old-growth boreal forests of Canada<sup>(2)</sup>.

The share of the forest area certified to FSC and/or PEFC has increased from 0.96 percent of all forests in 2000 to 10.82 percent in 2017<sup>(3)</sup>. In total, around 75 percent of the certified forest was certified according to PEFC and its equivalents in 2019. This includes the ~30 percent of all certified forests in 2019 that were SFI certified and around 20 percent that were PEFC and FSC double certified. Approximately 46 percent of certified forests in 2019 were FSC certified (including the double-certified area)<sup>(4)</sup>.

FSC, founded in 1993, is an international member-led organization that sets the FSC standards for responsible forest

management and chain of custody. The first FSC certified fabrics were produced by the fiber producer ENKA and the fabric manufacturer Ghezzi S.p.A in 2017. The launch of the first products with consumer-facing FSC labels is expected in 2020. More in the [supplier mapping](#).

PEFC, founded in 1999, is a global alliance of national forest certification systems and the largest forest certification system worldwide. Since the launch of the world's first PEFC-certified fabrics in 2018, the number of certified textile companies is increasing. More in the [supplier mapping](#).

The [CanopyStyle Audits](#) have become the leading assessment of MMCF suppliers on their raw material sourcing practices since the launch of the CanopyStyle initiative in 2013 and the first audits in 2017. Around 70 percent of the global manmade cellulosic production capacity has gone through the CanopyStyle audits by 2019. The market share of viscose producers with endangered forest sourcing policies increased from around 35 percent of the global production in 2015 to approximately 84 percent in 2019 based on Canopy<sup>(5)</sup>. A summary of results is published in the annual Hot Button Report.

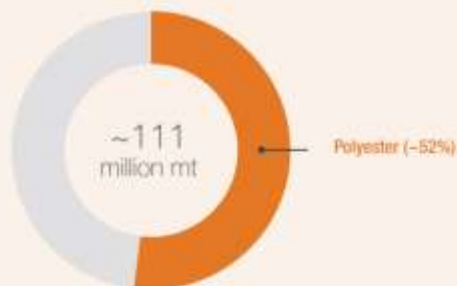
MMCFs(人造セルロース繊維)  
もFSC認証などとの取組が増えて  
います。

Tip: How to find MMCF suppliers meeting pulp and fiber level standards.

Check out the [Bluenote® System Partner List](#), the [TCHS Roadmap to Zero Database](#), or explore the websites of the other standards mentioned above.



GLOBAL FIBER PRODUCTION IN 2019

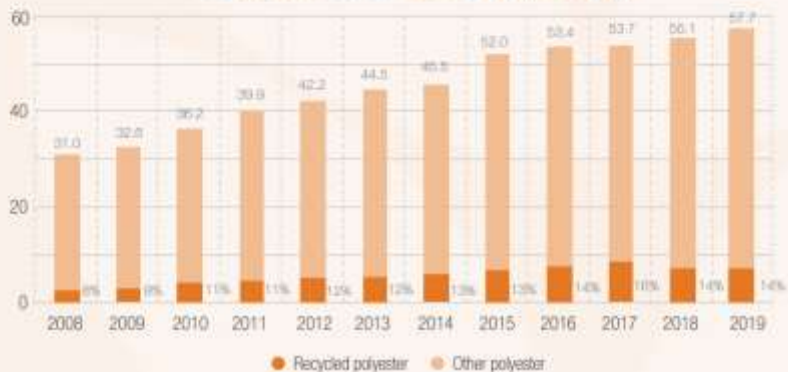


リサイクルポリエステルが生産量は増えています

MARKET SHARE OF RECYCLED POLYESTER



GLOBAL POLYESTER PRODUCTION (MILLION MT)



## Commitments to Preferred Polyester

### Examples

#### Commitments to Recycled Polyester

##### Examples of public commitments by Textile Exchange members

**Allbirds** has the goal that by 2025, all of its shoes will be recycled or sustainably sourced.

**Adidas** aims to replace all virgin polyester with recycled polyester in all Adidas and Parley products, where a solution exists, by 2024, and has set clear internal milestones for product creation teams to help achieve this target.

**H&M** has the target to only use recycled or other sustainably sourced materials by 2025.

**Inda** is committed to ending the dependency on virgin fossil materials and using only renewable or recycled materials by 2025. That commitment includes the aim to use only recycled polyester in textile products by 2025.

**Inditex** has committed that 100 percent of the polyester used in Inditex products will be recycled or will come from more sustainable sources in 2025.

**Moncler** has the target to only use recycled polyester in its products by 2025.

**Patagonia** has the target to use 100 percent recycled polyester by 2025.

In 2017, the rPET Round Table created a Recycled Polyester Commitment to encourage brands and retailers to publicly commit to accelerating their use of recycled polyester by 20 percent by 2020. The rPET Round Table is pleased to report that the aggregate target was reached two years early, in 2018, when the combined rPET use of the commitment signatories grew by 36 percent. The 12 signatories of the original rPET Commitment that have disclosed their progress since 2017 reported an uptake of 176,513 MT of recycled polyester fiber in 2018 (based on 2018 data), reflecting a 208 percent increase over the two previous years.

#### Commitments to EcoBasess Polyester

A survey by Textile Exchange revealed that there is a growing interest in bioisotherms. Public commitments to bioisotherms are still very rare.

In 2019, **NatureWorks** announced its commitment that 100 percent of its agricultural feedstock used for Ingeo will be CCO Plus certified by 2025.



“Preferred Polyester”に取り組んでいるブランドも増えています。



GRSには  
「社会」「環境」「化学」  
の要求があります

その他の基準は  
履歴の管理と混ざらない管理  
が必要です

## 基準でサプライチェーン管理をする

# TEXTILE EXCHANGE STANDARDS



規格	Primary Scope		Secondary Scope	
	認証対象工程	主な要求事項	認証対象工程	主な要求事項
Organic Content Standard (OCS)	初期加工業者 (first processors)	オーガニック原材料の投入の検証 (各国のオーガニック基準を満たした農場で生産された材料が使用されているか)	サプライチェーン (supply chain)	Content Claim Standard (CCS) 前工程で認証された材料が適切に入荷され、適切な製造・加工管理等が適切に行われているか等(マネジメントシステム要求事項も含む) ※GRSにおいては、これに加えて、社会的要件、環境要件、化学的要件
Recycled Claim Standard (RCS)	再生事業者 (material recyclers)	リサイクル材料要件(事業を行う法的権限、再生材料宣言書の収集・保管等)		
Global Recycled Standard (GRS)	再生事業者 (material recyclers)	リサイクル材料要件(事業を行う法的権限、再生材料宣言書の収集・保管等)、社会的要件、環境要件、化学的要件		
Responsible Down Standard (RDS)	農場等(farms)	動物福祉要件等		
Responsible Wool Standard (RWS)	農場等(farms)	動物福祉要件、土壌管理要件、社会福祉要件等		
Responsible Mohair Standard (RMS)	農場等(farms)	動物福祉要件、土壌管理要件、社会福祉要件等		

## GRS(Global Recycle Standard)には 社会、環境、化学薬品の規定があります

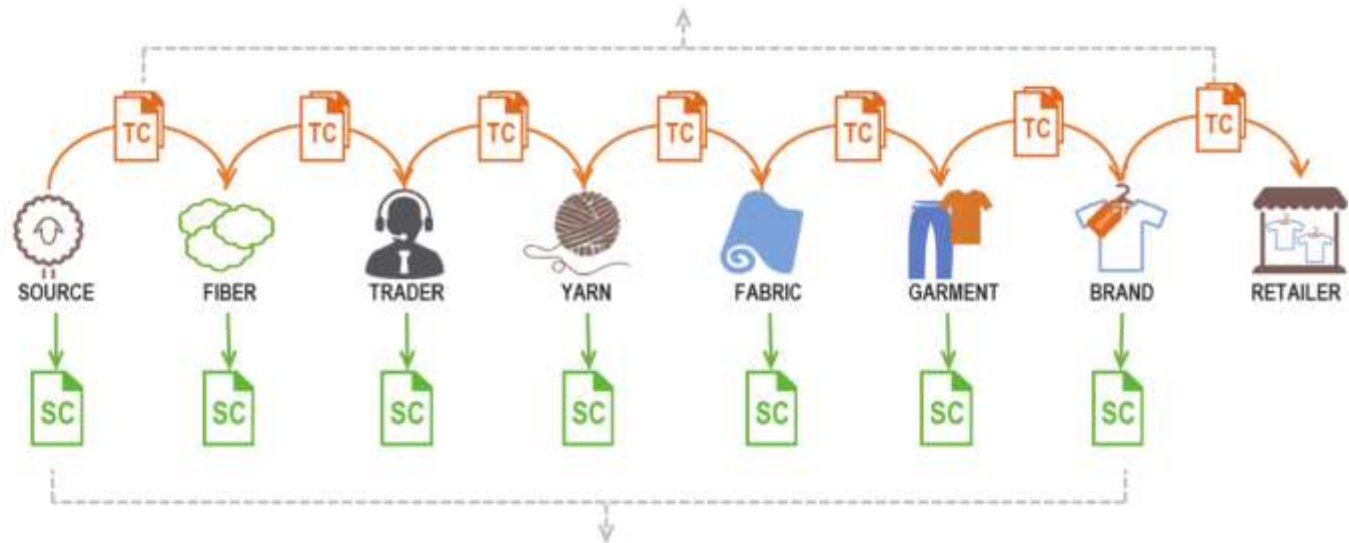
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# CONTENTCLAIM STANDARD

## Transaction Certificates (TC)

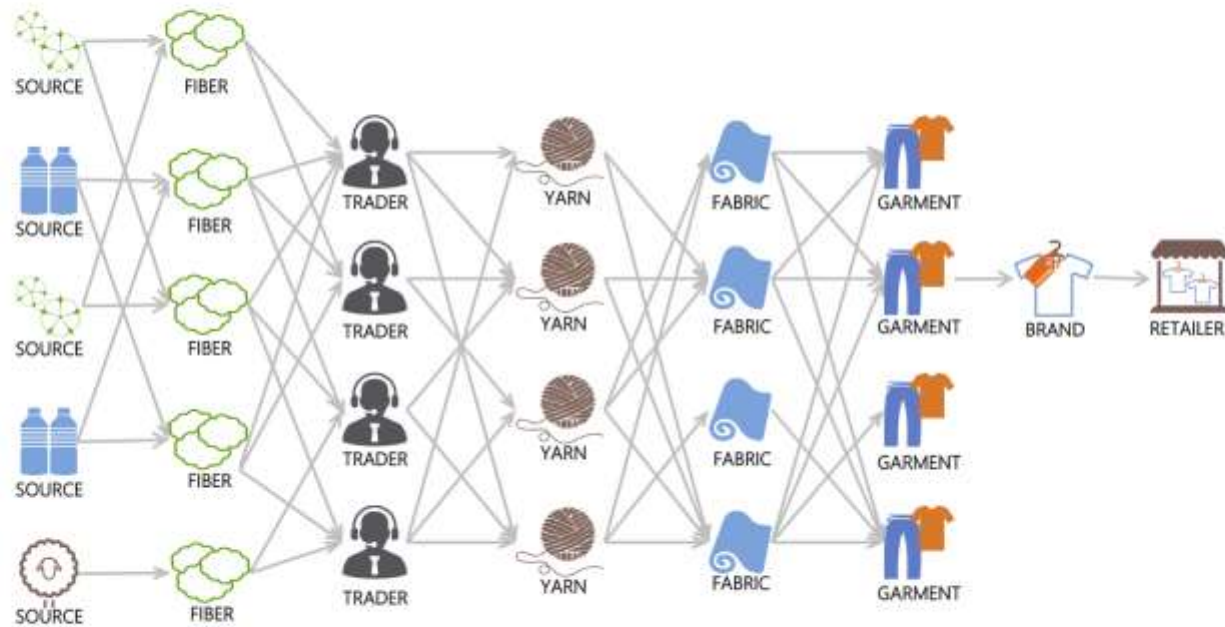


- **NO** consumer-facing communication.
- Does **NOT** cover:
  - Verification of the raw material itself
  - Processing requirements

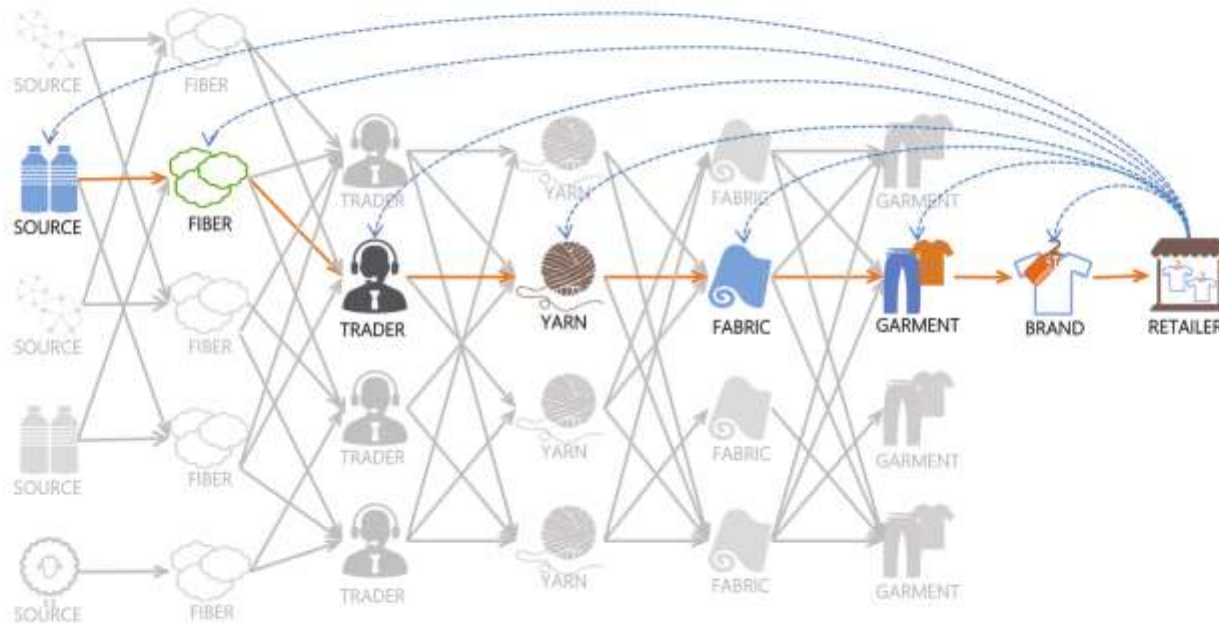
## Scope Certificates (SC)



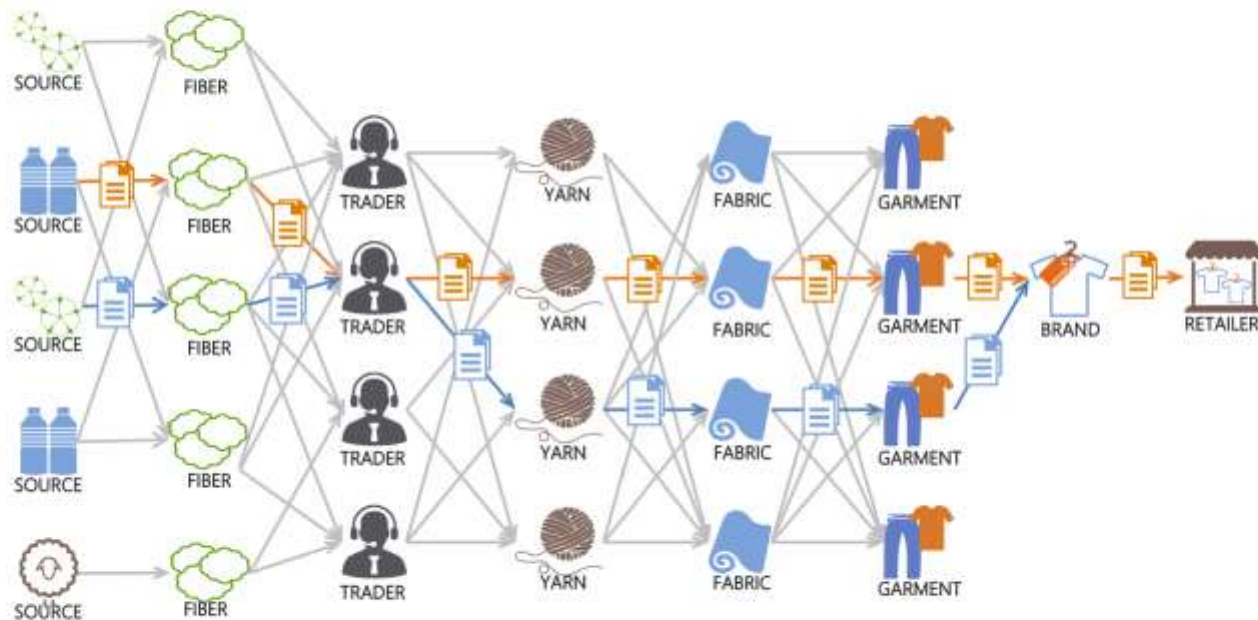
# The Challenge



# How much do you know?

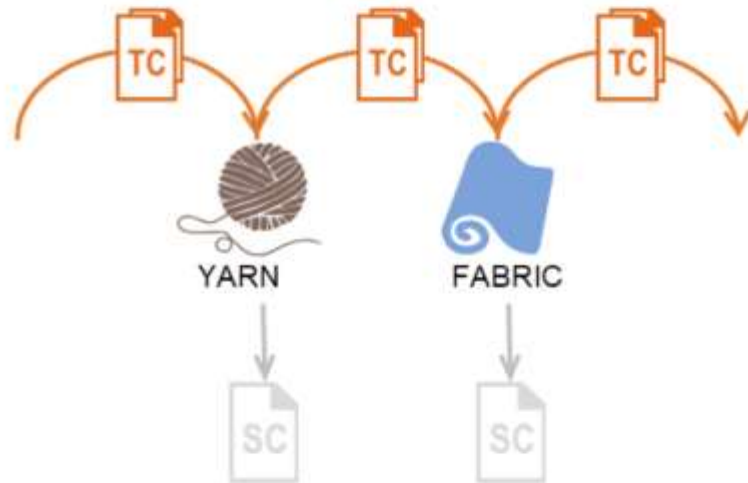


# Chain of Custody



*The forward product path is ensured, but suppliers are able to preserve confidentiality if desired.*

# Transaction Certificate (TC)



- ✓ Verifies that specific products are certified to the given standard.
- ✓ TCs are issued with each change of ownership.
- ✓ The selling requests a TC from its Certification Body. The TC request includes details of the shipment (i.e. shipping documents, invoices, and TCs of certified inputs).
- ✓ The Certification Body ensures the company has sufficient certified inputs to produce the order on the TC.
- ✓ If a company requests a TC for a greater quantity of goods than the Certification Body sees it has input materials for, then the Certification Body request proof the company has purchased sufficient certified inputs. The proof will be the TCs for the incoming goods.



TEMPLATE TRANSACTION CERTIFICATE (TC) FOR TEXTILES PROCESSED  
ACCORDING TO THE [STANDARD]

1. Body issuing the certificate (name and address): Name of CB's issuing office Address		2a) Issuing order of the certificate/body: [Standard]-[CB]-[no.] 2b) Reference number of the certificate: [Licensee no. of seller]-[TC no.]	
3. National origin of the product (name and address): Name of seller of certified product(s) Address		4. Inspection body (name and address): Name of inspection body Address	
5. Last processor of the product (name and address): Name of last processor of certified product(s) Address		6. Country of origin: Country of dispatch	
7. Buyer of the product (name and address): Name of buyer of certified product(s) Address		8. Consignee (name and address): Name of Consignee Address Country of destination	
9. Product and shipment information: <b>Minimum information:</b> - Units and names of the product(s) as they appear on the invoice - Label grade, if applicable (e.g. for GOTS: organic or made with organic, for OE: OE 100 or OE Blended) - Fibre material composition of the product(s) (% of each fibre in the product by weight) - Invoice number and date - Reference to transport document (number, date, transport company, truck no., container no.)  [If more space is required, information is continued in box 11 on page 2 of the TC.]		11. Gross weight (kg): kg	12. Net weight (kg): kg
		13. Commercial weight (kg): kg	
10. Declaration of the body issuing the certificate: This is to certify that the [fibre material name] used for the products designated above has been produced in accordance with (an) organic farming standard(s) which is/are recognised by the [standard's name, e.g. GOTS, OE] and that the products have been processed in accordance with the [standard's name, e.g. GOTS, OE]. Compliance with this standard is continually monitored by the inspection body named in box 4.			
16. Place and date of issue: New York, December 10, 2010		Stamp of the issuing body: [Stamp]	
Signature of the authorized person: [Signature] Name: James Smith		Logo of the Standard: 	

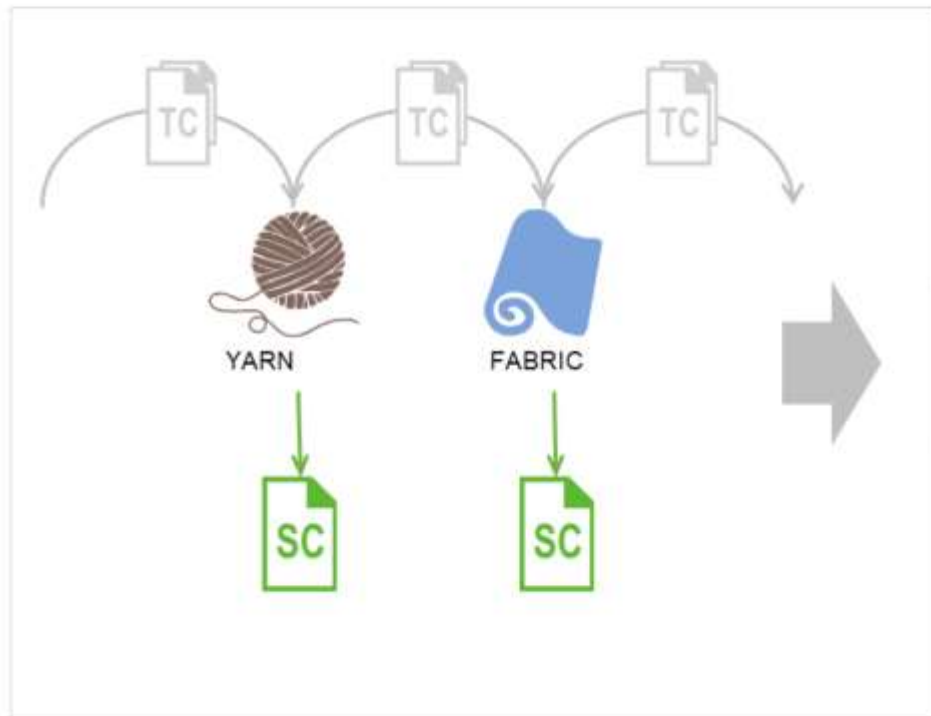
[If applicable, This electronically issued document is the valid original version.]

Transaction certificate template, page 1 of 2

## Transaction Certification Check List

- ☒ Correct standard is listed.
- ☒ Valid Certification Number
- ☒ Supplier information is listed.
- ☒ Company receiving the goods is listed as consignee.
- ☒ Your company information is listed.
- ☒ Correct shipment details.
- ☒ Make sure the input material certification is correct.
- ☒ Check for a second page: this is where annexes are listed if there is insufficient space on the first page.
- ☒ The certificate is signed, stamped and dated by the certification body.
- ☒ The correct logo of the standard appears in color.

# Scope Certificate



- ✓ Verifies a company is qualified to produce certified products.
- ✓ Requires an audit from an approved certification body.
- ✓ The SC is applicable for a specific standard.
- ✓ The SC is applicable for a specific list of product categories.
- ✓ The SC is valid for specific processing steps.
- ✓ The SC is valid up to 14 months and audits are conducted annually.

# Scope Certificate Checklist

- ☒ The certification body listed at the top is accredited to the standard. (The list of accredited certification bodies for each standard may be found on the standard's website.)
- ☒ The "Name of Certified Company" is accurate.
- ☒ The correct standard is listed on the front page.
- ☒ The desired product categories are listed on the front page or annex.
- ☒ The certified processing steps or activities are listed on the front page or annex.
- ☒ The certificate is valid, i.e. within the date listed on the front page.
- ☒ The certificate is signed and stamped by the certification body.

[Certifier's Letterhead containing Name and Address of certifier]

DRAFT 2, 03 Feb 2012

## CERTIFICATE OF COMPLIANCE

(Scope Certificate)

N° [XXXX]

[Certification Bodies Name] declares that

**NAME OF CERTIFIED COMPANY**

Address

has been inspected and assessed according to the

**NAME OF STANDARD / VERSION OF STANDARD**

and that products of the categories as mentioned below (and further specified in the annex) comply with this standard:

Product categories: [Terminology for basic product category terms as provided for in the policy, for specification prefixes and terminology following the samples of the provided excel list can be used]

Processing steps / activities carried out under responsibility of the above mentioned company (by the operations as detailed in the annex) for the certified products:

[List of processing steps/activities, terminology to be used from provided list]

This Certificate is valid until: dd / Month / yyyy

Place and Date of Issue      Stamp of the issuing body      Standard's Logo

[Signature]

Name of the authorised person:

This certificate cannot be used as a transaction certificate.  
The issuing body can withdraw this certificate before it expires if the declared compliance is no longer guaranteed.  
[Optional: A sentence that references the certificate to stipulations of the contract with the licensee and/or clauses of certifier's scope specific stipulations]  
Accredited/Licensed by: [name of accreditation body], Accreditation N°: [xxxx]  
[If applicable: This electronically issued document is the valid original version]

Certificate of Compliance, page 1 of 3



認証を受けた原料を使用して、生産工程の審査をパスすればラベルを製品に付けることができる

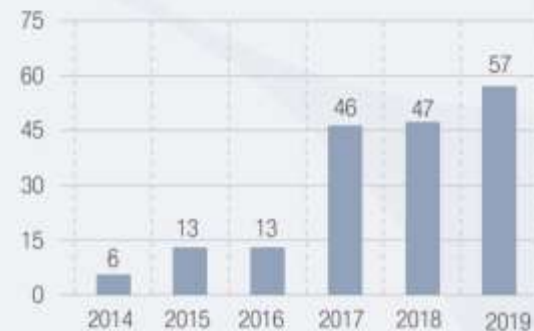


サステナブルに関する国際  
認証取得企業は激増して  
います

## NUMBER OF CERTIFIED SITES



### CCS



# 日本国内にもTE認証取得企業は多くあります

SC number	Organization name	Standard	Country	Certification body	SC start date
1006708	Tatsuta Spinning Co., Ltd.	OC5	Japan	Control Union Certifications B.V.	07/17
1006901	Kurabo International Co., Ltd.	OC5	Japan	Control Union Certifications B.V.	03/19
1007276	Kaihara Corporation	OC5	Japan	Control Union Certifications B.V.	08/30
1007362	Kuroki Co., Ltd.	OC5	Japan	Control Union Certifications B.V.	04/03
1014898	FUJI PACK CO., LTD.	OC5	Japan	Control Union Certifications B.V.	11/28
1015795	OJI KINOCLOTH CO., LTD.	OC5	Japan	Control Union Certifications B.V.	11/28
1018030	GALLET CO., LTD.	OC5	Japan	Control Union Certifications B.V.	06/30
1028733	TDK SEN-I CO., LTD.	OC5	Japan	Control Union Certifications B.V.	03/05
1046557	SANYO CO., LTD.	OC5	Japan	Control Union Certifications B.V.	09/23
812080	ITOCHU Corporation Textile Company	OC5	Japan	Control Union Certifications B.V.	02/16
813894	Marusan Industry Co., Ltd.	OC5	Japan	Control Union Certifications B.V.	06/26
813980	Tsubame towel Corporation	OC5	Japan	Control Union Certifications B.V.	04/24
814351	NISHISENKO CO., LTD.	OC5	Japan	Control Union Certifications B.V.	11/14
818446	KAKUJI Co., Ltd.	OC5	Japan	Control Union Certifications B.V.	06/23
819873	Zenno & Co., Ltd.	OC5	Japan	Control Union Certifications B.V.	06/09
819874	NICHIEI Co., LTD.	OC5	Japan	Control Union Certifications B.V.	04/17
835026	SHINNAIGAI TEXTILE LTD.	OC5	Japan	Control Union Certifications B.V.	12/21
839311	SANYO CORPORATION CO. LTD.	OC5	Japan	Control Union Certifications B.V.	07/10
842944	MARUHISA Co., Ltd.	OC5	Japan	Control Union Certifications B.V.	11/11
846042	Nomura Trading Co., Ltd. Tokyo Head office	OC5	Japan	Control Union Certifications B.V.	05/17
848851	BON CO., LTD.	OC5	Japan	Control Union Certifications B.V.	01/31
851671	SKYWARD CO., LTD. KOBE BRANCH	OC5	Japan	Control Union Certifications B.V.	03/28
851905	Daiwabo Co., Ltd.	OC5	Japan	Control Union Certifications B.V.	04/18
853247	SILVER WEST CORPORATION	OC5	Japan	Control Union Certifications B.V.	05/22
856802	TOYOBO STC Co., Ltd.	OC5	Japan	Control Union Certifications B.V.	02/16
859728	Sumtex International Company Ltd.	OC5	Japan	Control Union Certifications B.V.	11/28
EGL-112147	HEART Co., Ltd.	OC5	Japan	ECOCERT	03/25
EGL-169885	LUXE co Ltd	OC5	Japan	ECOCERT	08/15
EGL-221913	X PLUS CO., LTD.	OC5	Japan	ECOCERT	04/29
EGL-231084	KOTOBUKI FABRIC CO., LTD.	OC5	Japan	ECOCERT	11/23

SC number	Organization name	Standard	Country	Certification body	SC start date
1007375	Managawa Co., Ltd.	RCS	Japan	Control Union	07/17
1008551	Seiren Co., Ltd.	RCS	Japan	Control Union	07/17
1008574	Asahi Kasei Corporation Performance Products SBU Nonwoven Fabrics Division	RCS	Japan	Control Union	07/17
1010995	C.I. TAKIRON Corporation	RCS	Japan	Control Union	07/17
1014316	HIRONEN TEXTILE INDUSTRY CO. LTD.	RCS	Japan	Control Union	07/17
1057394	Kuraray CO., LTD.	RCS	Japan	Control Union	07/17
853050	TEIJIN FRONTIER CO., LTD. Textile 1st Department 3rd section	RCS	Japan	Control Union	07/17

1007371	MARUI ORIMONO Co., Ltd.	GRS	Japan	Control Union Certifications B.V.	05/17
1007980	TSUKASA PROGRESS CO., LTD.	GRS	Japan	Control Union Certifications B.V.	05/17
1008768	Chikahisa Corporation	GRS	Japan	Control Union Certifications B.V.	04/17
1009714	KABUSHIKIGAISHA SAN-EI KASEI SHOUJI	GRS	Japan	Control Union Certifications B.V.	11/17
1010518	Moririn Co., Ltd.	GRS	Japan	Control Union Certifications B.V.	05/17
1011361	Far Eastern Ishizuka Green PET Corporation	GRS	Japan	Control Union Certifications B.V.	06/17
1016524	LG International Japan Ltd.	GRS	Japan	Control Union Certifications B.V.	06/17
1018194	Takisada-Nagoya Co., Ltd.	GRS	Japan	Control Union Certifications B.V.	11/17
1018650	UNITIKA TRADING CO., LTD.	GRS	Japan	Control Union Certifications B.V.	02/17
1019260	Elwa Kako Co., Ltd.	GRS	Japan	Control Union Certifications B.V.	12/17
1019314	RP TOPLA Co., Ltd.	GRS	Japan	Control Union Certifications B.V.	12/17
1019865	San-etsu Co., Ltd.	GRS	Japan	Control Union Certifications B.V.	03/17
1022315	NIPPON ESTER CO., LTD.	GRS	Japan	Control Union Certifications B.V.	07/17
1022869	YAMAYO TEXTILE CO., LTD.	GRS	Japan	Control Union Certifications B.V.	11/17
1025141	Toray International, Inc. Tokyo Head Office	GRS	Japan	Control Union Certifications B.V.	03/17
1027094	Toray International, Inc. Osaka Head Office	GRS	Japan	Control Union Certifications B.V.	03/17
1028420	GSI Creos Corporation	GRS	Japan	Control Union Certifications B.V.	09/17
1028555	Panac Industries, Inc.	GRS	Japan	Control Union Certifications B.V.	04/17
1029209	Sakae Iace Co., Ltd.	GRS	Japan	Control Union Certifications B.V.	04/17
1035531	MARUSA CO., LTD.	GRS	Japan	Control Union Certifications B.V.	10/17
1038014	SAMSUNG C&T JAPAN CORPORATION	GRS	Japan	Control Union Certifications B.V.	03/17
1037731	SANKEI Co., Ltd.	GRS	Japan	Control Union Certifications B.V.	04/17
1042437	TAKAYASU CO., LTD. SAKAHOGI FACTORY	GRS	Japan	Control Union Certifications B.V.	04/17
1052420	YAMAGIN INC	GRS	Japan	Control Union Certifications B.V.	09/17
1062816	MEIRIN SENI CO., LTD.	GRS	Japan	Control Union Certifications B.V.	10/17
812080	ITOCHU Corporation Textile Company	GRS	Japan	Control Union Certifications B.V.	02/17
817152	Tsukasa Replus Corporation	GRS	Japan	Control Union Certifications B.V.	04/17
819072	UTSUMI RECYCLE SYSTEMS INC	GRS	Japan	Control Union Certifications B.V.	05/17
820009	EARTH GREEN MANAGEMENT Co., LTD.	GRS	Japan	Control Union Certifications B.V.	08/17
828267	Kyoei Industry Co., Ltd.	GRS	Japan	Control Union Certifications B.V.	11/17
830305	Marubeni Intex Co., Ltd. Fiber & Material Dept	GRS	Japan	Control Union Certifications B.V.	03/17
845702	Mitsui Bussan I-Fashion LTD.	GRS	Japan	Control Union Certifications B.V.	04/17
861076	Toray Industries, Inc.	GRS	Japan	Control Union Certifications B.V.	12/17
862238	e & i Planning Co., Ltd.	GRS	Japan	Control Union Certifications B.V.	11/17

SC number	Organization name	Standard	Country	Certification body	SC start date	SC expiry date
008100	Yoshida Shoji Co., Ltd.	RDS	Japan	IDFL	09/03/2020	07/31/21
006990	Sanyo Corporation	RDS	Japan	IDFL	07/16/2020	07/16/21
836883	Marubeni Corporation	RDS	Japan	Control Union	11/27/2020	11/10/21
858522	GSI CREOS CORPORATION	RDS	Japan	Control Union	08/02/2020	06/05/21
866147	TORAY INTERNATIONAL, INC.	RDS	Japan	Control Union	11/25/2020	09/12/21

SC number	Organization name	Standard	Country	Certification body	SC start date
C0363007-1RWS	I.S.T. Corporation / Nikke Textile Division	RWS	Japan	NSF	12/20/2020
C0418843-3RWS	TAKISADA-NAGAOYA Co., Ltd.	RWS	Japan	NSF	02/05/2021
C0423743-3RWS	Miyata Keori Kogyo Co., Ltd.	RWS	Japan	NSF	01/28/2021
C0423752-3RWS	Sotoh Co., Ltd.	RWS	Japan	NSF	01/28/2021
C0424413-3RWS	Nakaden Keori Co., Ltd.	RWS	Japan	NSF	02/05/2021
C0549783-1RWS	Nikke Textile Co., Ltd.	RWS	Japan	NSF	07/27/2020



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