

PFM BENCHMARK PROGRAM

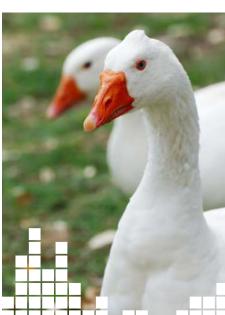
WEBINAR #3:



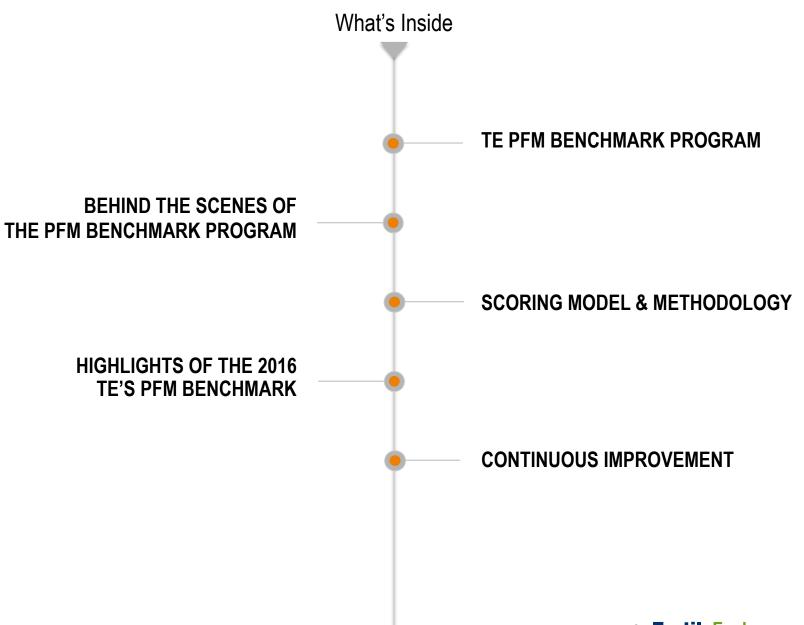
INTRODUCING TE'S PFM BENCHMARK RESULTS







PFM BENCHMARK PROGRAM





The PFM Benchmark Program helps companies systematically measure, manage and integrate a preferred fiber and materials strategy into mainstream business operations.

The problem we address: You know your operations are 10% better than last year. Great if everyone else is only 5% better. But what if they are 20% better? That's benchmarking.

HOW THE PFM BENCHMARK FITS WITH YOUR NEEDS

- Supports a Company's Transition to a Raw Material Supply based on Preferred Fiber and Materials.
 - Knowing where raw materials come from impacts and dependencies on nature and other capital - is key to assessing supply risks and opportunities.
 - Science-based data (such as LCA) is proving that some of the biggest sustainability impacts and "hotspots" of textile production occur at the growing and mining of raw materials.
- **Demonstrates a Commitment to Measuring Progress, Transparency and Disclosure.**
 - There is increasing pressure from stakeholders for businesses to set sustainability targets to measure both management and progress, and for this information to be in the public domain.
 - Companies, the industry at large, investors, analysts and other stakeholders are seeking reliable ways to credibly and consistently account for and communicate sustainability.
- Links the Textile Industry to the Sustainable Development Goals.
 - The SDGs are universal (for both developed and developing countries), holistic (peoplecentered and planet-sensitive), and measurable (to drive action and track progress).
 - Companies are starting to adopt the framework of the SDGs to plan a long-term approach to sustainability. The UN Global Compact asks signatories for updates on their approach to the SDGs.

WHAT ARE "PREFERRED" FIBERS & MATERIALS

TF describes "Preferred" as:

A fiber, material or product that is ecologically and socially progressive: One that has been selected because it has more sustainable properties in comparison to other options.

What makes a fiber/material preferred?

A recognized industry standard in place that confirms its status as preferred.

Sustainability criteria developed through a formalized multi-stakeholder process.

Objectively tested or verified as having superior sustainability attributes, such as through a peer-reviewed Life Cycle Assessment (LCA).

The goal:

PFMs are produced to a globally accepted standard, with strict criteria that qualifies the product as preferred, and can be traced through the supply chain.

HOW TO BUILD A PFM PORTFOLIO

A Portfolio Approach:

the process of building a suite of preferred fibers and materials (PFM), from a choice of preferred options, through the consideration of impacts and organizational priorities.

Cotton

Better Cotton Initiatve



Cotton made in Africa



Fair Trade Cotton



Organic Cotton



Organic Fair Trade



REEL Cotton



Recycled Cotton

Synthetics



Recycled Polyester



Recycled Nylon



Bio Synthetics

MM Cellulosics



Lyocell



Modal



Sustainably Sourced Viscose/Rayon



Recycled MM Cellulosics

Animal Fibers



Certified Down



Recycled Down



Responsible Wool



Organic Wool



Recycled Wool

- Existing modules in 2016
- Modules in development or in consideration

WHAT THE PFM BENCHMARK IS AND IS NOT



A framework to help companies systematically measure, manage and integrate a preferred fiber and materials strategy into mainstream business operations.



A framework to review all fiber and materials used by a company or all activities in a supply chain.



A tool to help identify the strengths and the gaps where future progress can be made.



An in-depth tool for evaluating the preferred (sustainability) status of a fiber/material.



A self-assessment process - TE carries out desk-based reviews.



A third party audit of a company's activities.



A customized Company Feedback Report, allowing you to confidentially benchmark your performance both internally and against industry peers.



A public ranking of company performance.



An annual event which means a consistent basis for measurement and a commitment from us to support your year-on-year performance improvement review.



A one-off survey for TE's reporting purposes alone.



In 2015, Textile Exchange (TE) launched the Preferred Fiber & Materials (PFM) Benchmark Program for measuring how companies systematically integrate a preferred fiber and materials strategy into mainstream business operations.

PROGRAM DEVELOPMENT MILESTONES

Began Organic Cotton Market Data Collection & Reporting

TE began annual data collection on production and consumption of organic cotton. The Organic Cotton Market Report (OCMR) covered consumption data in context of market analytics and trends, challenges, opportunities, and recommendations for the Industry.

Expanded remit to cover "Preferred" Fiber & Materials (PFM)

In line with TE's wider remit (i.e. expanding on organic cotton to incorporate a portfolio approach to PFMs) TE broadened the survey to capture data on recycled polyester (later introducing lyocell and certified down). TE launched its first Preferred Fiber & Materials Market Report (PFMR).

Produced the first PFM Index

TE enhanced the Probench user experience and user value by introducing PFM modules (8 in total). This "modularization" allowed participants to select their own PFM portfolio (and filter out the rest). In addition, a weighting and scoring system was introduced. These 2 key functionalities enabled the introduction of an Industry "Index".

2005 2006 2007 2008 2009 2010 2011 2012 ----2013 2014 2015

Built A Data Entry Platform

TE began collaboration with bit73 and transitioned manual data collection methodology to online platform – Probench. Data collection initially remained focused on organic cotton but incorporated a number of questions around strategy, standards use and labeling.

Launched the PFM Benchmark Program – Pilot

With the generous support of Tchibo and the C&A Foundation, and input from stakeholders, TE created the PFM Benchmark Program building on the existing survey to create a more holistic framework to help companies systematically measure, manage and integrate a preferred fiber and materials strategy into mainstream business operations.

PFM BENCHMARK DEVELOPMENT CYCLE



PFM Benchmark is founded on the principles of the:

- **Corporate Responsibility** Index (Business In The Community - an initiative of the Prince's Responsibility **Business Network)**
- Powered by 73Bit (Probench)

Other Probench powered Indices

- Access To Nutrition Index (funded by Bill & Melinda Gates Foundation, the Wellcome Trust and Children's Investment Fund
- Principles for Responsible **Investment** (supported by UNEP FI and the United Nations Global Compact (UNGC))

PFM INDEX FRAMEWORK

Section 1 Corporate Strategy [25%]

Q1 Corporate Values [5%]

Q2 Sustainability Strategy [20%]

Q3 Risk Assessment [15%]

Q4 Goals [10%]

Q5 Policies [10%]

Q6 Accountability [10%]

Q7 Responsibility [10%]

Q8 Rating Tools [5%]

Q9 Corporate Reporting [15%]

Section 2 Supply Chain [30%]

Q10 Factory Standards [Non-Scoring]

Q11 Factory Initiatives [Non-Scoring] Section 3 Consumption [30%] Section 4 Consumer Engagement [15%]

Q12 & Q13 PFM Portfolio PFM Module Selection: BCI, CmiA, FT, OC, OFT, rPET, pMMC & cDown

Q14-Q30 for Section 2, 3 & 4 are completed for each PFM module selected.

Q14 Chain of Custody [40%]

Q15 Traceability [40%]

Q16 Trade Relations [Non-Scoring]

Q17 Pricing Model [Non-Scoring]

Q18 Sustainability Investment [20%]

Q19 History [Non-Scoring]

Q20 SMART Targets [25%]

Q21a Uptake [60%]

Q21b Consumption Reporting [15%] Q22 Product Ranges [Non-Scoring]

Q23 Key Markets [Non-Scoring]

Q24 Estimated Sales [Non-Scoring]

Q25 Establishing Brand Identity [10%]

Q26 Product Marks & Labeling [20%]

Q27 Monitoring Business Benefits [20%]

Q28 Calculating ROI [10%]

Q29 Consumer Strategy [20%]

Q30 Evaluation of Consumer Strategy [20%]

SURVEY SUPPORT: SURVEY SUMMARY

Quick overview of what each question is about.

	1. CORPORATE STRATEGY		2. SUPPLY CHAIN		3. CONSUMPTION
Corporate	1. Corporate Values	Sup	pply Chain Part A: Processing	History	19. History
Values	Sustainability incorporated into overall vision and mission	Processing	10. Factory Standards		Number of years sourcing the PFM
Sustainability	2. Sustainability Strategy	Standards & Initiatives	Adoption of sustainability standards in factories	Targets	20. SMART Targets
Strategy	Sustainability strategy includes fibers/materials	initiatives	11. Factory Initiatives		Targets set for PFM consumption
	3. Risk Assessment		Supply chain codes of conduct and initiatives	Volume	21. Uptake and Consumption Reporting
		Fiber & Materials Portfolio	12. Fiber and Materials Profile		Estimate of bulk fiber/materials consumed
	 Business risk/opportunity assessment covers fibers/materials 		Breakdown of fiber/materials usage		Conversion of conventional to preferred
	4. Goals		13. PFM Module Selection		4. CUSTOMER ENGAGEMENT
	• Long-term sustainability goals for fibers/materials		• Cotton: BCI, CmiA, Fairtrade, Organic, Organic-	Market	22. Product Ranges
	5. Policies		Fairtrade	Presence	Product ranges containing a PFM
	Natural Capital, Social Capital and Animal Welfare		 Other fibers and materials: Certified Down, Pref. MM Cellulosics, rPET 		23. Key Markets
Integration	6. Accountability		• Self-select: e.g. Rec. Cotton, Rec. Nylon, Organic		24. Estimated Sales
	Accountability held at senior level		Linen, Bio-based		Sales turnover and growth forecasts
	7. Responsibility	Supply	Product	25. Establishing Brand Identity	
	Responsibility integrated through the company	Chain of Custody Traceability	14. Chain of Custody	Differentiation	Core or complementary
	KPIs integrated through the company		 Use of chain of custody standard or initiative quideline 		26. Product Marks and Labeling
	Incentives integrated through the company		15. Traceability		On-product labeling and off-product messaging
	Mechanisms in place to ensure integration		Keeping track of PFM through a traceability	Corporate	27. Monitoring Business Benefits
Tools	8. Rating Tool		system	Returns	Analyzing returns on investment
	Sustainability of fiber/materials objectively		16. Trade Relations		28. Calculating Return On Investment
	evaluated		 Deepening sustainability impact through supplier relations 		Calculating financial ROI and ROI in sustainability
	Rating tool influencing sourcing decisions	Investment	17. Pricing Model	Engagement	29. Customer Engagement
Reporting	9. Corporate Reporting	nivestinent	Pricing that captures sustainability benefits	Strategy	Education/awareness raising strategy in place
	 Fiber/materials sustainability activities, progress against KPIs 		18. Sustainability Investment		30. Evaluation of Customer Engagement
	Report independently verified		Investing in supply chain and evaluating impact		Monitoring & Evaluation of activities and impact



In 2016, TE released the first fully weighted and scored PFM Index – and this is how it works.

QUESTION COMPOSITION

Business Coverage

What proportion of your business is on covered by a management or performance activity?

Scope

What issues, topics, or actions are covered by a management or performance activity?

Disclosure

Just doing it is not enough nowadays – public disclosure is the expectation. Often best practice is third party assurance or verification.

	0%	1-25%	26-50%	51-75%	76-99%	100%
Organic Content Standard (OCS)	0	0	0	0	0	0
Global Organic Textile Standard (GOTS)	0	0	0	0	0	0
Other	0	0	0	0	0	0
7.1.1 What financial or non-financial benefit Financial: Increased sales of our products Financial: Less discounting required for er Financial: Halo effect - Increased sales of	containing	organic products	cotton containing	organic co		oducts
Financial: Increased sales of our products Financial: Less discounting required for er Financial: Halo effect - Increased sales of	containing	organic products	cotton containing	organic co		oducts
Financial: Increased sales of our products Financial: Less discounting required for er	containing	organic products	cotton containing	organic co		oducts
Financial: Increased sales of our products Financial: Less discounting required for er Financial: Halo effect - Increased sales of containing organic cotton Non-Financial: Positive brand reputation	containing nd-of-line p other prefe	organic products of products of	cotton containing ducts due t	organic co	otion of pr	oducts
Financial: Increased sales of our products Financial: Less discounting required for er Financial: Halo effect - Increased sales of containing organic cotton Non-Financial: Positive brand reputation Non-Financial: Increased positive product Non-Financial: Brand protection through re	containing nd-of-line p other prefe	organic products of erred products eviews (e	cotton containing ducts due t	organic co	otion of pr	oducts
Financial: Increased sales of our products Financial: Less discounting required for er Financial: Halo effect - Increased sales of containing organic cotton Non-Financial: Positive brand reputation Non-Financial: Increased positive product	containing nd-of-line p other prefe	organic products of erred products eviews (e	cotton containing ducts due t	organic co	otion of pr	oducts
Financial: Increased sales of our products Financial: Less discounting required for er Financial: Halo effect - Increased sales of containing organic cotton Non-Financial: Positive brand reputation Non-Financial: Increased positive product Non-Financial: Brand protection through re	containing nd-of-line p other prefe	organic products of erred products eviews (e	cotton containing ducts due t	organic co	otion of pr	oducts
Financial: Increased sales of our products Financial: Less discounting required for er Financial: Halo effect - Increased sales of containing organic cotton Non-Financial: Positive brand reputation Non-Financial: Increased positive product Non-Financial: Brand protection through r Other	containing nd-of-line p other prefe or brand re egulatory c	organic products of erred products eviews (e eviews (e	cotton containing ducts due t	organic co	otion of pr	oducts
Financial: Increased sales of our products Financial: Less discounting required for er Financial: Halo effect - Increased sales of containing organic cotton Non-Financial: Positive brand reputation Non-Financial: Increased positive product Non-Financial: Brand protection through r Other	containing nd-of-line p other prefe or brand re egulatory c	organic products of erred products eviews (e eviews (e	cotton containing ducts due t	organic co	otion of pr	oducts

http://www.sharsdontbite.org/sustainability_strategy

SCORING MODEL

Overall FM Portfolio			Cotton	Synthetics	MMC	Animal Fibe	r Other	1
Company's Reported Portfolio	FN	1 usage	50%	30%	10%	5%	5%]
PFM Module Weight								
Cotton Porfolio			Conventional	BCI	CmiA	FT	oc	0FT
PFM Weight	Su	ıstaina	bility weight	-0.60	0.70	0.80	0.90	1.00
MMC Portfolio			Viscose/Rayon	Lyocell	Modal	Other		
PFM Weight				1.00	0.80			
Synthetics Portfolio			Conventional	Recycled	Biobased	Other		
PFM Weight				1.00				
Down Portfolio			Conventional	Responsible	Traceable	Other		
PFM Weight				1.00	1.00			
Communication and DEM House								
Company's Estimated PFM Uptake Cotton Porfolio			Conventional	BCI	CmiA	FT	OC	OFT
Company's Cotton Usage			20%			rtfolio leve		30%
onthetics Portfolio			Conventional	Recycled	Biobased	Other	, 30%	30%
lynthetics Portfolio Company's Synthetic Usage			60%	40%	Diobased	Utner		
MMC Portfolio			Viscose/Rayon	Lyocell	Modal	Other		
ompany's MMC Usage			viscose/ Kayon 50%	50%	Modal	Utner		
Down Portfolio			Conventional		Traceable	Other		
Company's Down Usage			Conventional	100%	Traceable	ouici		
company's Score ection 1: Corporate Strategy		25%	63					
11 Corporate Values		5%	80					
Q2 Sustainability Strategy		20%	65					
Q3 Risk Assessment		15%	0					
04 Goals		10%	100					
25 Policies		10%	70					
Q6 Accountability		10%	80					
Q7 Responsibility		10%	70					
Q8 Rating Tools		5%	0					
Q9 Corporate Reporting		15%	90					
				3 PFM Module		1	_	
FM Modules Selected	C		ОС	OFT	rPET	pMMC	cDown	
ection 2: Supply Chain	Section weight	-30%	82	90	88	52	66	Section score
Q14 Chain of Custody	_	40%	100	100	90	80	100	
Q15 Traceability	Question	40%	100	100	100	50	60	
(18 Sustainability Investment	weight =	-20%	10	50	60	0	10	Question scor
	weight				57	47	88	
ection 3: Consumption	weight	30%	68	55				
	weight	30% 25%	68 80	55 75	60	50	50	PFM uptake
Q20 SMART Targets Q21a Uptake	weight	25% 60%	80 55	75 35	45	55	100	PFM uptake (PFM level)
Q20 SMART Targets Q21a Uptake	Weight	25%	80	75				
Section 3: Consumption Q20 SMART Targets Q21a Uptake Q21b Consumption Reporting Section 4: Consumer Engagement	Weight	25% 60%	80 55	75 35	45	55	100	
Q20 SMART Targets Q21a Uptake Q21b Consumption Reporting	Weight	25% 60% 15%	80 55 100	75 35 100	45 100	55 10	100 100	
220 SMART Targets 221s Uptake 221b Consumption Reporting ection 4: Consumer Engagement 225 Establishing Brand Identity 226 Product Marks & Labeling	Weight	25% 60% 15% 15% 10% 20%	80 55 100 47 80 60	75 35 100 81 80 80	45 100 55 80 75	55 10 86 50 100	100 100 44 40 60	
220 SMART Targets 221a Uptake 221b Consumption Reporting section 4: Consumer Engagement 225 Establishing Brand Identity 226 Freduct Marks & Labeling 227 Monitoring Business Benefits	weight	25% 60% 15% 15% 10% 20% 20%	80 55 100 47 80 60	75 35 100 81 80 80 100	45 100 55 80 75 50	55 10 86 50 100	100 100 44 40 60 50	
220 SMART Targets 221a Uptake 221b Consumption Reporting section 4: Consumer Engagement 225 Establishing Brand Identity 226 Product Marks & Labeling 227 Monitoring Business Benefits 228 Calculating ROI	weight	25% 60% 15% 15% 10% 20% 20% 10%	80 55 100 47 80 60 10	75 35 100 81 80 80 100 0	45 100 55 80 75 50	55 10 86 50 100 100 50	100 100 44 40 60 50	
220 SMART Targets 221a Uptake 221b Consumption Reporting Ection 4: Consumer Engagement 225 Establishing Brand Identity 226 Product Marks & Labeling 227 Monitoring Business Benefits 228 Calculating ROI 229 Customer Strategy	Weight	25% 60% 15% 15% 10% 20% 20% 10% 20%	80 55 100 47 80 60 10 50 88	75 35 100 81 80 80 100 0	45 100 55 80 75 50 50	55 10 86 50 100 100 50	100 100 44 40 60 50 0	
220 SMART Targets 221a Uptake 221b Consumption Reporting Ection 4: Consumer Engagement 225 Establishing Brand Identity 226 Product Marks & Labeling 227 Monitoring Business Benefits 228 Calculating ROI 229 Customer Strategy	weight	25% 60% 15% 15% 10% 20% 20% 10%	80 55 100 47 80 60 10	75 35 100 81 80 80 100 0	45 100 55 80 75 50	55 10 86 50 100 100 50	100 100 44 40 60 50	
Q20 SMART Targets Q21a Uptake Q21b Consumption Reporting Section 4: Consumer Engagement	Weight	25% 60% 15% 15% 10% 20% 20% 10% 20%	80 55 100 47 80 60 10 50 88	75 35 100 81 80 80 100 0	45 100 55 80 75 50 50	55 10 86 50 100 100 50	100 100 44 40 60 50 0	(PFM level)
220 SMART Targets 221s Uptake 221b Consumption Reporting Section 4: Consumer Engagement 225 Establishing Brand Identity 226 Product Marks & Labeling 227 Monitoring Business Benefits 228 Calculating ROI 229 Customer Strategy 230 Evaluation of Customer Strategy	weight	25% 60% 15% 15% 10% 20% 20% 10% 20%	80 55 100 47 80 60 10 50 88	75 35 100 81 80 80 100 0 100 85	45 100 55 80 75 50 50 80 5	55 10 86 50 100 100 50 100 80	100 100 44 40 60 50 0 40 50	(PFM level)
220 SMART Targets 221a Uptake 221b Consumption Reporting section 4: Consumer Engagement 225 Establishing Brand Identity 226 Product Marks & Labeling 227 Monitoring Business Benefits 228 Calculating ROI 229 Customer Strategy 330 Evaluation of Customer Strategy Module Scores	wegn	25% 60% 15% 15% 10% 20% 20% 10% 20%	80 55 100 47 80 60 10 50 88 10	75 35 100 81 80 80 100 0 100 85	45 100 55 80 75 50 50 80 5	55 10 86 50 100 100 50 100 80	100 100 44 40 60 50 0 40 50	(PFM level)
220 SMART Targets 221a Uptake 221b Consumption Reporting 221b Consumption Reporting 225 Establishing Brand Identity 226 Product Marks & Labeling 227 Monitoring Business Benefits 228 Calculating ROI 229 Customer Strategy 330 Evaluation of Customer Strategy Wodule Scores	wegn	25% 60% 15% 15% 10% 20% 20% 10% 20%	80 55 100 47 80 60 10 50 88 10	75 35 100 81 80 80 100 0 100 85	45 100 55 80 75 50 50 80 5	55 10 86 50 100 100 50 100 80 48	100 100 44 40 60 50 0 40 50	(PFM level)
220 SMART Targets 221a Uptake 221b Consumption Reporting section 4: Consumer Engagement 225 Establishing Brand Identity 226 Product Marks & Labeling 227 Monitoring Business Benefits 228 Calculating ROI 229 Customer Strategy 330 Evaluation of Customer Strategy		25% 60% 15% 15% 10% 20% 20% 20% 20%	80 55 100 47 80 60 10 50 88 10 60 Index Result 63 87 82	75 35 100 81 80 80 100 0 100 85	45 100 55 80 75 50 50 80 5	55 10 86 50 100 100 50 100 80 48	100 100 44 40 60 50 0 40 50 50	(PFM level) Module score
220 SMART Targets 221a Uptake 221b Consumption Reporting section 4: Consumer Engagement 225 Establishing Brand Identity 226 Product Marks & Labeling 227 Monitoring Business Benefits 228 Calculating ROI 229 Customer Strategy 330 Evaluation of Customer Strategy Wodule Scores section 1: Corporate Strategy (25%) section 2: Supply Chain (30%)	eporting (12	25% 60% 15% 15% 10% 20% 20% 20% 20%	80 55 100 47 80 60 10 50 88 10 60 Index Result 63 87	75 35 100 81 80 80 100 0 100 85	45 100 55 80 75 50 50 80 5	55 10 86 50 100 100 50 100 80 48 FM Results	100 100 44 40 60 50 0 40 50 59	(PFM level) Module score

Basic components of our scoring model:

Question Scores: Achieved based on response entered for each question. Each question carries a question weight.

Section Scores: Accumulation of question scores in a section. There are four sections and each section carries a section weight.

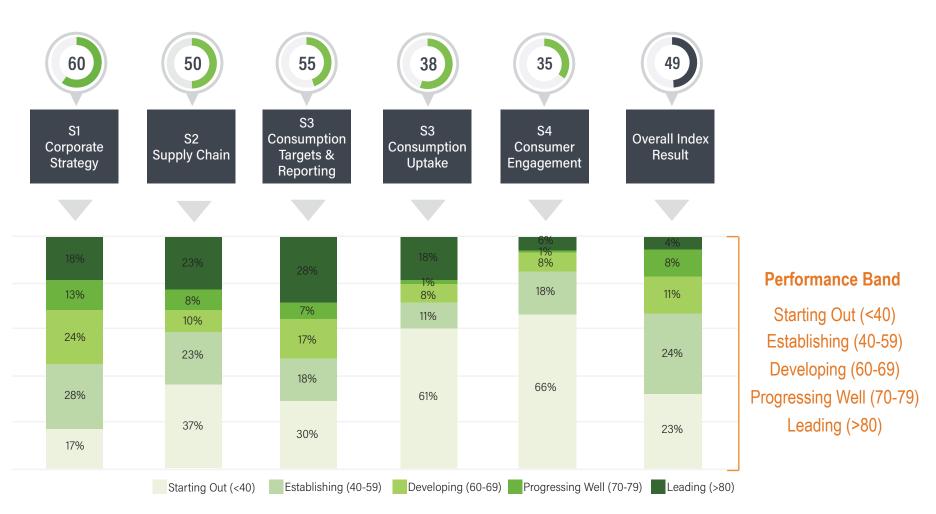
PFM Module Scores: Accumulation of section scores in a module. There are eight scoring modules to select from and ach module carries a sustainability weight

PFM Uptake: Breakdown of the PFM portfolio (conventional vis-à-vis preferred) and covers the cotton, synthetics, MMC and Down. Where uptake is not provided, a sub-sector average is used as a proxy. Based on the portfolio breakdown, a portfolio score is also given.

FM Usage: Overall share of cotton, synthetics, MMC and animal fiber used

PERFORMANCE BANDING

Section, PFM and Sub-Sector Results are banded to better understand the spread of performance.



WHAT WE ANALYZE

PFM Portfolio

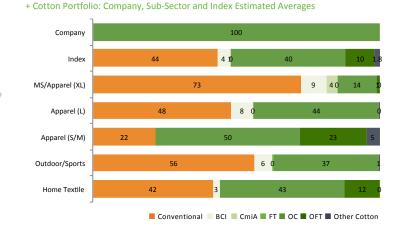
We analyze the portfolio and uptake for each PFM and across all PFM for each sub-sector.

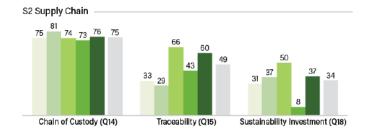
Question Scores

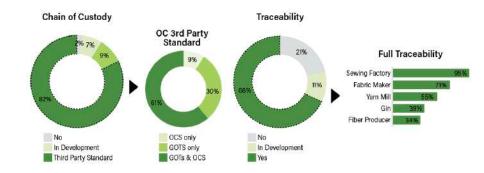
We look at the company's score benchmarked against the sub-sector and sector average.

Participant's Response

We take a deep dive on participant's response for selected questions.



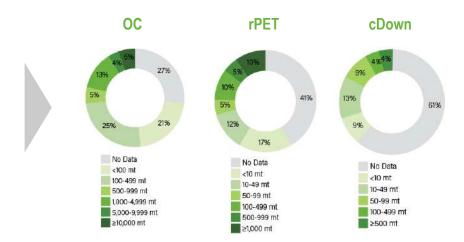




WHAT WE ANALYZE

Consumption Trends

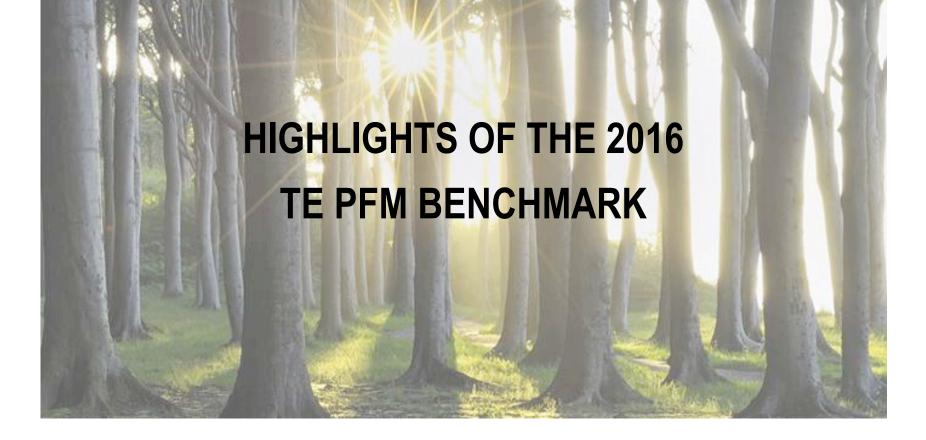
We look at actual consumption spread across all the PFMs.



Performance Across PFMs

We compare performance across the suite of PFMs.





Overall, 89 companies participated in the 2016 PFM Benchmark Survey. Excluding partial submissions and shadow benchmark participants, 71 companies submitted complete entries and their responses form the basis of this report. Of these 71 companies, 60% are Textile Exchange members.

The Index score in 2016 was 49 out of 100, indicating that, on average, the sector is at the "establishing" stage of integrating preferred fiber and materials into business strategy.

2016 PARTICIPANTS PROFILE

Sub-Sector Profile













Multi-Sector/ Apparel (Extra Large)

Extra large apparel and multisector brands and retailers. Submissions from holding companies are also included in this sub-sector.

Fashion, family, baby, basics, intimates, work wear (uniforms) and home textiles.

Apparel (Large)

Large and mid-size brands and retailers of predominantly apparel.

Designer, luxury, fashion, family, baby, basics and intimates.

Apparel (Small/Medium)

Small to mid-size apparel brands and retailers. Also includes submissions based on "product line" (even if the company size would place them in Large or Extra Large).

Designer, fashion, family, baby, basics, intimates, and work wear (uniforms).

Outdoor/Sports

Brands and retailers, all sizes, of outdoor and sportswear.

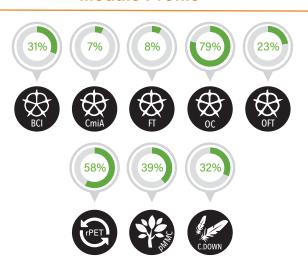
Mountain, active and performance sports, yoga, lifestyle, and footwear.

Home Textiles

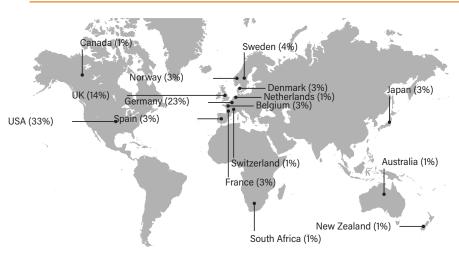
Brands and retailers, all sizes, of exclusively or predominantly home textiles. Catering and hospitality companies are also included in this sub-sector.

Dining (table cloths, napkins), bed and bath, and indoor or outdoor soft furnishings.

Module Profile



Country Profile



INDEX SECTION RESULTS



A score of 49 indicates that, on average, the textile sector is at the "establishing" stage of integrating preferred fiber and materials into business strategy. However, averages hide the front runners and, this year, there were 23 companies scoring over 60 ("developing"), a further 12 scoring over 70 ("progressing well"), and 4 companies in the "leaders" band, scoring over 80.





Section 1: Corporate Strategy

Companies are getting to grips with their sustainability strategy, goal setting, and annual reporting of progress. The tone, in most cases, is coming from the top. However, on the whole, fiber and material sustainability is not being integrated into corporate risk reviews, nor is it adequately integrated into staff roles and responsibilities. Sustainability needs to go beyond the CSR team and deeper into buying, marketing, design, and product management.





Section 3: Consumption

Companies are starting to set targets for uptake, and are prepared to disclose consumption data to Textile Exchange. Pulling PFMs through supply networks and replacing conventional with preferred fiber or materials holds the greatest opportunity for shifting the sector along the PFM performance continuum.





Section 2: Supply Chain

Some PFMs are more advanced than others, with high performing companies using Chain of Custody (CoC), traceability systems, and investing in supply, particularly for Organic Fair Trade cotton. There is a big opportunity for companies to move their recycled materials under a CoC. Full traceability and supply investment is only occurring amongst a minority, with leaders acting collectively within specific initiatives





Section 4: Consumer Engagement

Front-runners tend to have entire businesses based on sustainable collections. They are doing best on product labeling, communications, and consumer awareness. However, the majority has no set agenda here. Many struggle to understand the business benefits, let alone calculate a return on investment.

PFM RESULTS



Preferred Cotton

- OC (51) and OFT (56) were the most advanced.
- For OFT, it was relatively clear that smaller brands, with limited numbers of suppliers and brand identities riding on their sustainability attributes, were front-runners of Index.
- Lower participation rates and scores for the BCI (33), CmiA (30) and FT (23).

Recycled Polyester

- Dominated by companies just "starting out".
- Areas in most need of attention include: use of chain of custody standards, setting of targets, investment in supply, and material uptake.
- With few exceptions, consumer engagement is lacking across the board, although a number of companies, typically Apparel (S/M), are building brand identity through rPET attributes.

Preferred MM Cellulosics

- "In development" as there is no standard or definitive guideline on is "preferred."
- Based on lyocell/modal.
- Companies scored relatively well on setting a code, particularly members of the CanopyStyle initiative.
- Other strengths included Consumption Reporting and Establishing Brand Identity with consumers.
- Improvements most needed in target-setting and in transitioning to pMMC.

Certified Down

- · Comprise of TDS or RDS
- Average score of 37, indicating that most participants are at the early stages of implementation.
- Areas to improve included investment in down programs, collection of data on consumption levels and the ability to connect investment in supply with consumer awareness and brand benefit.

SUB-SECTOR RESULTS



Apparel (S/M)

- Make up 30% of Index participants largest sub-sector.
- Highest performing sub-sector, with an average score of 59.
- 10 companies ranked in the top 20, with 6 of them being in top 10.
- Led in the S3 Consumption and S4 Consumer Engagement.
- Ave share of 76% cotton in portfolio.
- High number of companies having 100% OC and OFT portfolios.
- Highest scoring in pMMC and rPET two weakest PFMs.



Apparel (L)

- Accounted for 15% of entries.
- Only one company in this sub-sector ranked in the top 20.
- · Average share of 49% cotton, highest user of animal and "other" fibers (30%)
- OC and pMMC were highest scoring modules.
- Use less cDown than the Outdoor/Sports but has 54% of its down being certified to RDS/TDS and 20% certified to in-house or other standards.



Multi-Sector/Apparel (XL)

- Accounted for 20% of entries.
- This group, on the whole, faces the most challenges - diverse and complex fiber portfolios, larger quantities/varieties of products.
- Lower average score hides the achievements of some of the highest performing companies in the Index - 3 companies in the top 20 and 1 in the top 10.





Outdoor/Sports

- Make up 20% of Index participants
- Only one company in this sub-sector ranked in the top 20.
- Topped the Index when it came to Corporate Strategy, as well as for BCI. FT and cDown.
- · Average share of 57% Lyocell in their MMC portfolio, second only to Apparel (S/M).
- Average portfolio of 63% synthetics, and only 14% of this being recycled - this subsector has significant room for improvement where it matters most.



Home Textiles

- Make up 15% of Index participants.
- Scored well, with 5 companies in the top 20, and 2 in top 10.
- Consist mainly of small to medium sized companies.
- Home Textile companies tend to be cotton-heavy, averaging 67% cotton in their fiber portfolios.
- Ahead of the rest in Supply Chain, and second only to Apparel (S/M) in all other sections of the Index.

AREAS FOR IMPROVEMENT

Where do companies need to focus?

Incorporate Risk Review into Corporate Risk Registers

Integrate Responsibility Throughout The Business

Know Your Supply Chain – In Depth

Invest In Sustainability

Set Qualified and Time Bound Targets

6

Measure What You Manage Close The Uptake
Gap between
Conventional And

Preferred

8

Prove The Business Case

9

Talk About It

10

Collaboration Is Key

Spotlight on Recycled Polyester

Shifting from virgin to recycled offers significant environmental savings and is key to a Sector shift.

FROM STRATEGY TO IMPACT

Outcome - Impact Strategy & Management Output **Impact Disclosure** Management Disclosure **Output Disclosure Impact Performance Management Performance Output Performance Section 1: Strategy** • PFM strategy development • Implementation and Integration **Section 2: Supply Chain** Generic - Life Standards & Initiatives Cycle Assessment Transparency **Company Specific Section 3: Consumption (PFM Uptake)** Investment - Key Performance • % share from preferred sources **Indicators Section 3: Consumption (Targets & Reporting)** Consumption (actual) • SMART targets (uptake) • Year-on-Year consumption trends **Sector Progress** Bulk fiber calculations Barometer -Alignment with the **Section 4: Consumer Engagement SDGs** Labeling and Communications Business benefits ROI Engagement strategy and evaluation

Currently Covered

Strategic Coverage

PFM BAROMETER OF PROGRESS

Tracking Targets and Consumption (Uptake) – Based on Disclosure

The PFM Barometer is based on the 71 companies that participated in the 2016 PFM Benchmark. The PFM Barometer aligns progress in PFMs against SDG 12: Sustainable consumption and production (targets 12.2 responsible use of natural resources, 12.5 reduce waste, and 12.6 reporting).





RECYCLED POLYESTER



CERTIFIED DOWN



PREFERRED MAN MADE CELLULOSICS



66

companies completed one or more Preferred Cotton (pCotton) modules

41

companies completed the Recycled Polyester (rPET) module

23

companies completed the Certified Down (cDown) module

28

companies completed the Preferred Man Made Cellulosic (pMMC) module



73%

have set targets for uptake of one or more pCotton

61%

have set targets for uptake of Organic Cotton (OC) 39%

have set targets for uptake of rPET

57%

have set targets for uptake of cDown

39%

have set targets for uptake of pMMC

36%

have set targets for uptake of Lyocell



74%

have disclosed consumption data on one or more pCotton to TE

59%

have disclosed consumption data on rPET to TE

39%

have disclosed consumption data on cDown to TF

61%

have disclosed consumption data on pMMC to TE



336.487 mt* pCotton

is the aggregated consumption of pCotton

177,479 mt* oc/oft

is the aggregated consumption of OC and Organic Fair Trade (OFT)

22,622 mt*rPET

is the aggregated consumption of rPET fiber

879 mt* cDown

is the aggregated consumption of cDown material

7,909 mt*pMMC

is the aggregated consumption of pMMC fiber

3,559 mt* Lyocell

is the aggregated consumption of lvocell

^{1.} All reported figures use the number of participants for the respective module as a baseline

^{2. *} denotes consumption data disclosed by participants in the survey

^{3.} pCotton includes: BCI, CmiA, Fair Trade, Organic Cotton, and Organic Fair Trade

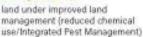
PFM BAROMETER OF PROGRESS

Outcomes and Impacts – Alignment with SDG 12

OUTCOMES











land under organic certification (no artificial or toxic chemicals)







plastic bottles diverted from the waste stream





ducks and geese subject to a standard which protects them from live plucking and forcefeeding





IMPACTS







97% reduced blue water consumption





449m kw of energy use

62% reduced primary energy demand (non-renewable)





143,935 mt of CO

46% reduced global warming potential







Human toxicity 82m kg 1.4-DB equiv.

83% reduced human toxicity potential (based on 1.4-DB equiv. (dichlorobenzene)





1.85 mGJ equiv, energy use

59% reduced primary energy demand (non-renewable)





33,240 mt of CO_equiv.

36% reduced global warming potential (100a)



Ensure sustainable consumption and production patterns.

TARGET 12.2

By 2030, achieve the sustainable management and efficient use of natural resources.

INDICATOR 12.2.1: Material footprint.

TARGET 12.5

By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse.

INDICATOR 12.5.1: Tons of material recycled.

TARGET 12.6

Encourage companies, especially large and trans-national companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle,

INDICATOR 12.6.1: Number of companies publishing sustainability reports.

^{1.} Calculation for number of ducks and geese protected is based on estimated averages provided by multiple down suppliers.

^{2.} Savings for organic cotton (over conventional) are estimated using data from The Life Cycle Assessment Of Organic Cotton Fiber Summary Of Findings - A Global Average (and based on disclosed OC consumption data* reported on page 14).

^{3.} Savings for chemically recycled polyester (over virgin) are estimated using data from Open-loop recycling: A LCA case study of PET bottle-to-fibre recycling (based on disclosed rPET consumption data* reported on page 14).



Our policy is continuous improvement. We warmly invite all participants and interested stakeholders to take part in improving the PFM Benchmark Program. Textile Exchange aims to create a tool that really adds value and contributes to company performance improvement and, to do this, we need your input.

CONTINUOUS IMPROVEMENTS



Annual Review – Continuous Improvement

- We annually review our PFM benchmarking program in order to continuously improve it and adjust it to the needs of the participants (and other stakeholders).
- This annual review includes an internal review by TE and a consultation survey with all participants of the last benchmarking program.
- This year we are convening an external, independent Advisory Committee to help further develop the scoring model and methodology.



Strategic Review – where next?

- We are now needing to further invest in our PFM benchmarking program in order to strategically position the PFM index – to be done in collaboration with the TE PFM team, TE members and other key stakeholders.
- An important component of this review will be the **business model and ROI**. Part of this will be an analysis of business models of other indices and benchmarks (e.g. DJSI, CDP).
- Further topics to be address will be strategic alignment and interfaces leading to harmonization.
- Last but not least we want to explore strategic partnerships that may take the PFM Index further and wider.

PFM BENCHMARK REVIEW FOR 2017

- No major changes to the survey structure
- Incorporation of circularity and SDG questions in Section 1: Corporate Strategy
- Update on preferred MM Cellulosics portfolio to include:





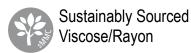
New modules under consideration (to be confirmed):



REEL Cotton



Recycled Cotton



- Review of the scoring model
- Inclusion of waste calculator in bulk fiber consumption
- Incorporation of additional LCA for calculation and reporting of impacts
- Public release of Top 10 or Top 20 Index Participants (under review)

HELP US IMPROVE

We warmly invite all participants and interested stakeholders to take part in improving the PFM Benchmark Program. The four key areas we have identified for this review process are:

1. Use

We would like to know which components of the program are most important for you and should guide the further development of the PFM Benchmark Program.

2. Materiality

We would like to know what data is the most important to you and should be prioritized in the PFM Benchmark.

3. Scoring

We would like to know which scoring focus and Index design you prefer.

4. Communication

We would like to know how you think the results and the Index should be communicated.

Improvements Made in 2016				
Self Assessment	Sign off by the "lead survey practitioner" was introduced.			
Scope & Coverage	A "percentage of business coverage" was incorporated into relevant questions.			
A Portfolio Approach	The survey was modularized to allow participants to respond based on their specific portfolio of preferred fibers and materials.			
Conversion Calculations	A tool was provided for companies to use so that they could manage their own wastage/conversion calculations.			
Calculating Blended Products	The consumption question was adapted to allow participants to input their own percentage averages.			
Weighting & Scoring	A weighting and scoring system was incorporated which allows TE to provide quantified results and more effective benchmarking.			
Company Ranking	A ranking system was introduced which is presented in performance bands. Overall ranking is provided as well as rankings across the 4 sections.			
Reporting	Responses indicated a preference for sector level reporting rather than visibility of individual companies. TE to carry out further stakeholder consultation on this subject in 2017.			

2016 PFM Benchmark Participant Rating



HOW WE CAN HELP



Performance Analysis Presentation

US\$6,000 (TE Members) US\$9,000 (Non-Members)

A Performance Analysis Presentation to your company's core team, covering:

- A summary of your PFM Benchmark results and areas of strength
- A gap analysis of your company's performance
- Modeling of your company's areas for improvement



Gap Analysis Report

US\$7,000 (TE Members) US\$10,000 (Non-Members)

Gap Analysis Report, covering:

- A summary of your PFM Benchmark results and areas of strength
- A detailed gap analysis of your company's performance
- Tailored recommendations, including examples of best practice from peers and Index participants
- Prioritization of areas for improvement and action



Bespoke Support

All advisory projects are scoped and priced individually

Based on your TE Benchmark results we can offer bespoke advice that can help you progress on your preferred materials journey. Focusing on your company's individual needs, we will provide specialist support and practical recommendations to further embed sustainability, preferred materials, and good supply chain management.

THANK YOU



Please visit our website: TextileExchange.org aboutorganiccotton.org