

# Sustainability Vision



**Sustainability  
Vision**



# Sustainability Vision

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# Sustainability Vision

## 1 Sustainability Strategy & Approach

Therefore, we integrate our activities in Quality Management, Environmental Protection and Occupational Health and Safety Management Systems under the roof of Sustainability headline.

The textile & fashion industries have a huge socio-economic and environmental impact.

With this in mind; we set our **Mission for a Sustainable Business Model** as below;

- Help our partners to develop sustainable supply chain,
- Maintain our pioneer position on fair working conditions and environmental standards,
- Ensure women labor is strengthened,
- Ensure raw materials used are produced by eco-friendly techniques,
- Adapt new waste management systems to reduce environmental impact of production, and always
- Cooperate and collaborate with our partners to achieve their goals on sustainability projects.



# Sustainability Vision

## 2 Quality Management Systems



**ISO 9001:2015  
TOTAL QUALITY MANAGEMENT  
SYSTEM**

Texim successfully completed ISO certification audit and is qualified to receive ISO 9001:2015 Total Quality Management System.

ISO 9001:2015 defines the criteria for a quality management system. This standard is based on a number of quality management principles including a strong customer focus, the motivation and implication of top management, the process approach and continual improvement. It outlines a framework for improving quality and a vocabulary of understanding for any organization looking to provide products and services that consistently meet the requirements and expectations of customers and other relevant interested parties in the most efficient manner possible. The QMS is the aggregate of all the processes, resources, assets, and cultural values that support the goal of customer satisfaction and organizational efficiency.



**SYSTEM APPLICATIONS AND  
PRODUCTS IN DATA  
PROCESSING**

Today, effective communication of data between different company functions and live monitoring of activities is a key success indicator in a modern business.

We use SAP to manage our processes in an efficient and sustainable way. Sales, marketing, procurement, production, quality assurance, human resources and other departments of our company communicate and plan works with one another through integrated SAP ERP.

SAP ERP enables departments to access and share common data to create a more efficient and more qualified work flow. SAP collects and processes data from all functions of the company and functions as the the master reporting platform.

SAP allows us to better monitor production efficiencies, improve quality scores, manage purchasing activities better, and sets fundements for data reporting to upper management for critical decisions.

# Sustainability Vision

## 3 Social Compliance Standards

The corporate culture we apply is the fundament of our social compliance policy.

We believe our employees are the most valuable assets of our company. We also believe everyone who wears cloths and produces them should both feel good.

Hence, we operate according to clear ethical codes and set consistently high social compliance standards.



**ISO 45001:2018  
OCCUPATIONAL HEALTH AND  
SAFETY MANAGEMENT SYSTEM**

Texim successfully completed the certification audit and is qualified to receive ISO 45001:2018 Occupational Health and Safety Management System.

ISO 45001:2018 is an important milestone in establishing a sustainable business model. The standard gives guidance for occupational health and safety standards, enables an organization to provide safe and healthy workplaces by preventing work-related injury and ill health, as well as by proactively improving its OH&S performance.

ISO 45001:2018 eliminates hazards and minimize OH&S risks, take advantage of OH&S opportunities and address OH&S nonconformities associated with activities.



Strict adherence to international social standards in both of our production facilities are regularly checked and certified by BSCI audits and other independent third party and brand driven inspectors.

The amfori BSCI platform provides a single point for all supply chain performance information. The amfori BSCI Code of Conduct aims at setting out the values and principles that members who participate in amfori BSCI strive to implement with their business partners along their supply chains. Each member who participates in amfori BSCI participant endorses the Code of Conduct when joining. It sets out 11 core labour rights, which participants and their business partners commit to implementing within their supply chains in a step-by-step development approach.

We do not limit the scope of our sense of social responsibility to our own field of activity but also evaluate social compliance activities for all of our suppliers and subcontractors that we work with, and aim to improve their levels.

This understanding has been approved by BSCI and confirmed by the performances that we have shown in customer audits.

# Sustainability Vision

## 4 Raw Materials Certificates & Standards



### THE WOOLMARK LICENSING PROGRAM

Woolmark certification program enables to identify the wool garment and wool care product that is of highest quality. The Woolmark Promise gives you the confidence that the wool product you purchased is made of natural, renewable and biodegradable wool and meets Woolmark's exacting quality standards. The Woolmark Licensing Brands provide consumers with assurance of fibre content and of quality and are backed by technical specifications for a wide range of wool products and wool care products. Stringent testing is carried out by independent authorised laboratories before the relevant Woolmark Licensing Brand logo can be applied.

Upon your request, Woolmark Certificate can be put on your brand's wool garments made by Texim.



### THE GLOBAL ORGANIC TEXTILE STANDARD

The Global Organic Textile Standard (GOTS) is an internationally recognised organic textile standard. Since its introduction in 2006, GOTS ensures the organic status of textiles from the harvesting of the raw materials through environmentally and socially responsible manufacturing all the way to labelling, in order

to provide credible assurances to the consumer. The standard covers the processing, manufacturing, packaging, labelling, trading and distribution of all textiles made from at least 70 percent certified organic natural fibres.



### ORGANIC CONTENT STANDART

The Organic Content Standard (OCS) applies to any non-food product containing 95-100 percent organic material. It verifies the presence and amount of organic material in a final product and tracks the flow of the raw material from its source to the final product.

The OCS 100 relies on third-party verification to confirm whether a final product contains the accurate amount of a given organically grown material. OCS allows for transparent, consistent and comprehensive independent evaluation and verification of organic material content claims on products. OCS 100 covers the processing, manufacturing, packaging, labelling, trading and distribution of a product that contains at least 95 percent certified 'organic' materials. It can be used as a business-to-business tool to give companies the means to ensure that they are selling quality and getting what they pay for.

# Sustainability Vision

## 4 Raw Materials Certificates & Standards

**LENZING<sup>™</sup> EcoVero<sup>™</sup>** LENZING<sup>™</sup> ECOVERO<sup>™</sup>

LENZING<sup>™</sup> ECOVERO<sup>™</sup> branded fibers offer customers eco-responsible Viscose fibers with low environmental impact based on three pillars. LENZING<sup>™</sup> ECOVERO<sup>™</sup> fibers are derived from sustainable wood and pulp, coming from certified and controlled sources following the stringent guidelines of the Lenzing wood and Pulp Policy. ECOVERO has become the most eco-friendly and sustainable alternative for common viscose in the world.

Upon your request, Ecovero Certificate can be put on your brand's garments made by Texim.



# Sustainability Vision

## 5 Protection of Animal Welfare



### RESPONSIBLE WOOL STANDARD

The Responsible Wool Standard (RWS) is a voluntary global standard that addresses the welfare of sheep and of the land they graze on. The RWS provides verification of the practices that are happening at farm level, giving brands a clear solution that will allow them to make claims about their wool sourcing with confidence. The standard was developed by an international working group through an open and transparent process.

Upon your request, The Responsible Wool Standard can be put on your brand's garments made by Texim.



### RESPONSIBLE MOHAIR STANDARD

The Responsible Mohair Standard is a voluntary standard that addresses the welfare of goats and the land they graze on. Objectives of the RMS: Provide the industry with a tool to recognize the best practices of farmers, Ensure that mohair comes from farms that have a progressive approach to managing their land, practice holistic respect for animal welfare of the goats and respect the Five Freedoms of animal welfare. Ensure strong chain of custody for certified materials as they move through the supply chain.

Upon your request, The Responsible Mohair Standard can be put on your brand's garments made by Texim.



### NON-MULESED SOURCES

Mulesing has been a routine surgical procedure for the majority of sheep especially in Australia where most of the commercial wool comes from. It is a method used by traditional sheep farmers preventing their sheep from being killed by infections caused by insects. Mulesing procedure means cutting skin from around a lamb's breech to create an area of bare, stretched skin. Mulesing is a painful surgical procedure for sheep and it can be avoided.

No animal should have to go through the pain and stress that this kind of procedure causes. Public pressure to improve sheep welfare has led to the wool industry researching alternatives to mulesing. Luckily, there are other ways to keep sheep safe from these insects. When we are buying wool, we look for standards and certifications that ensure the fair treatment of animals and respect to the environment.



# Sustainability Vision

## 6 Environmental Sustainability



**ISO 14001:2015  
ENVIROMENTAL MANAGEMENT  
SYSTEM**

Texim completed the certification audit and is qualified to receive ISO 14001:2015 Enviromental Management System.

ISO 14001:2015 specifies the requirements for an environmental management system that an organization can use to enhance its environmental performance. ISO 14001:2015 is intended for use by an organization seeking to manage its environmental responsibilities in a systematic manner that contributes to the environmental pillar of sustainability. It helps an organization achieve the intended outcomes of its environmental management system, which provide value for the environment, the organization itself and interested parties.



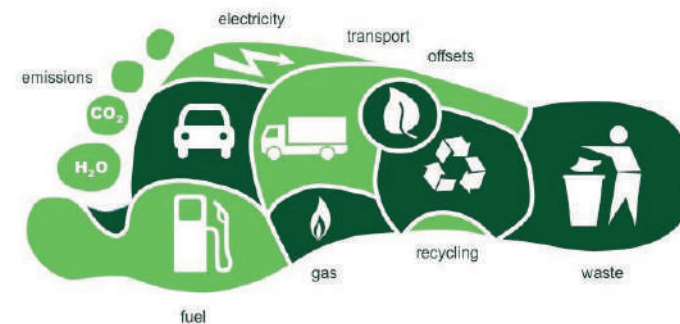
**THE HIGG INDEX**

The Higg Index provides a tool for the apparel industry to assess sustainability throughout a product's entire life cycle, from materials to end-of-life. The metrics created by Higg Index are used for evaluation and improvement of environmental performance. We are a member of HIGG Index and we set strategies to achieve better environmental performance. Our performance values are increasing year by year.



**CARBON FOOT PRINT**

Carbon footprint is a measure of the impact your activities have on the amount of carbon dioxide (CO<sup>2</sup>) produced through the burning of fossil fuels and is expressed as a weight of CO<sup>2</sup> emissions produced in tonnes. Although we are not required according to local legislation requirements; with the awareness of responsible production, we calculated our carbon footprint for the first time in 2018 and set targets to reduce it since then. In 2018; The total carbon footprint was 1.863 tons. As a 5-year target we aimed to reduce our carbon footprint by 5%. The total carbon footprint was reduced to 1.607 tons in in the year 2020.



# Sustainability Vision

## 6 Environmental Sustainability

### ROAD TO ZERO STRATEGY

Our mission is to contribute to the zero hazardous chemicals strategy of our business partners. We follow national and international legislation and customer requirements in chemicals usage and chemical processes. This is managed by our Chemical Management Committee from the procurement stage to the final shipment of products. We follow various standards such as REACH, RSL, MRLS and etc. All our employees in the washing process are trained with up to date materials knowledge.


With our ZDHC platform membership; we verify and publish that our waste water process works with the principle of zero hazardous waste to nature.




### BENEFITS OF WASHING BALLS

- These are small balls made with nano technology instead of chemicals/detergents in washing.
- Balls have been designed as not to harm garment surface.
- There would not be any fade effect or colour change after washing, because they do not contain any bleach-ing chemical.
- They are softening garment with magnetic field technology, there is no need to use any extra softener chemicals.
- They are reducing water use in a significant level comparing with regular/standart washing.
- They are also helping to recycling of washing water due to their natural structure.

  
PROTECTION  
AGAINST  
LIMESTONE

  
ZERO  
DETERGENT

  
ZERO  
POLLUTION

  
Reducing  
up to 85% energy  
and 70% to water  
consumptions.

  
Helping to  
recycle water  
by re-using it again  
in futher washings.

## WASHINGBALLS



## BRUSHING BALLS



### WASHINGBALLS

**Washingballs** are used in washing process with a ratio of one ball each litre of water but considering a tumbler with a loading capacity over 100 litres, the ratio has to be considered 30% below. A clear example is that in a washing machine with loading capacity of 180 litres we have to consider that 119 balls are enough.

### BRUSHING BALLS

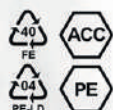
The 3 different types of **Brushing Balls** are used mixing them with **Washingballs** directly in washing process, with a ratio of one **Brushing Balls** each 3/5 litres of water but we strongly recommend to make different tests rectifying the quantity of balls depending either from knitwear and yarn as well, in this case you have to modify minutes of washing process.

1. GREEN	2. WHITE	3. RED	MAGNETIC WHITE BALLS
Cashmere soft	Cashmere	Wool blend	All yarns and fabrics
Yarns knitted on 18 gg	Lambswool Alpaca	Merinos wools	
Wool and cotton rovings	Merino extrafine	Acrylic	
Cotton Cashmere	Cashmere wool	Wool nylon	
Silk	Organic cotton		
	Soft cotton		

**N.B.:** Use only cold water.

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Brevetto per invenzione industriale depositato a Milano, 02/08/2018 da Sergio Sala.

[www.brushingballs.it](http://www.brushingballs.it) • [info@brushingballs.com](mailto:info@brushingballs.com)



# Washingballs® Brushing Balls®

by Sergio Sala

## "WASHING REVOLUTION"

1. ZERO POLLUTION
2. ZERO DETERGENT
3. BIOCIDAL EFFECT WASHING AT COLD TEMPERATUR
4. NEUTRALISING LIME SCALE
5. BRING TO COLOURS SUSPENSION
6. TUMBLER CLEANING
7. SAVING ENERGY AND WATER TILL 70%
8. WATER REUSE



# The **WASHINGBALLS**, a revolution in water washing.

The **Washingballs** are very simple to use: they have to be used during washing process with a ratio of one ball each litre of water for an 80 litres washing machine, for bigger ones the proportion is reduced of 25% for example in a machine of 180 litres 119 balls are enough and this is to be considered valid even if you wash colours with high contrast.

Normal washing is with cold water for 4 minutes and it absolutely not necessary adding any softener, after having discharged the water you have the possibility to evaluate if necessary to add more minutes to obtain a softer handle.

With this new technique it is possible to save water till 70% and power till 85%.



## **BRUSHING BALLS**, a revolution in the finishing process.

On striped garments and with contrasting cols or with col fastness below 3 we strongly recommend to add sodium percarbonate in proportion of 130 grams each 100 litres diluted in hot water 40\*. This allows to col to become more clear and perfectly clean, moreover it softening the fibre giving at the same moment slipperiness and dissolving oil stains.

**Do not use any soaps, detergent or silicone agents and paraffin that could damage fastness.**



With normal fastnesses or solid cols we recommend to use only water and to do some tests before washing all production as for garments with open stitches, jersey or laces extremely delicate. In these cases we recommend to reduce spheres number or to insert all garments in a protection bag.

### **YOU CAN USE BRUSHING BALLS IN 2 DIFFERENT WAYS:**

1. As correction after having used **Washingballs** in washing process and dried garments. Introduce garments and brushing balls in cold drying tumbler (ratio is **1 Brushing Balls** per litre) in order to correct softness and vell extraction, the quantity needed is abt 100 **Brushing Balls** in a medium tumbler working for at least 3 minutes.
2. Or eventually and this is what we recommend to add **Brushing Balls** together with **Washingballs** in a ratio of **1 Brushing Balls** each 3/5 litres of water. In this way you can do only one single process in water avoiding the noise from the dryer. In order to reach final result you wish you can increase or decrease washing minutes. Be careful as if you use for example 10 litres of water you will need at least 15 balls, in sampling tests and for each yarn we will specify exact number.

In any case in order to reach the best result we recommend to make some tests in order to reach a good result. In order to obtain always same quality it is necessary for you to have a standard process in which you fix the number of garments, washing minutes and number of spheres. Together with **Washingballs** and **Brushing Balls** we are offering also Colorful BB, these spheres give you the possibility to soften further fabric in water, **you can find an explanation in the next list.**

# Sustainability Vision

## 6 Environmental Sustainability



### GLOBAL RECYCLED STANDARD

The GRS is intended to meet the needs of companies looking to verify the recycled content of their products (both finished and intermediate) and to verify responsible social, environmental and chemical practices in their production. The objectives of the GRS are to define requirements to ensure accurate content claims and good working conditions, and that harmful environmental and chemical impacts are minimised. This includes companies in ginning, spinning, weaving and knitting, dyeing and printing and stitching in more than 50 countries.

Upon your request, Global Recycled Standard can be put on your brand's garments made by Texim.



### FOREST STEWARDSHIP COUNCIL

Tree-based fibres currently constitute less than 70% of the global fibre market. Their production volume has more than doubled since 1990, and the demand for them is forecasted to grow in the coming years. This growth is driven by the increasing demand for renewable and sustainable raw materials in the production of textiles. However, these materials can sometimes be sourced

from high risk areas where deforestation or poor forestry practices are common. In this case, they pose a threat not only to the world's forests, but also carry reputational risks for brands and businesses. Such risks can be mitigated by sourcing FSC certified fibres. FSC is the world's most trusted sustainable forest management solution that not only has environmental but social and economic benefits as well.

Furthermore, we are able to source FSC standard packaging materials.



### WASTE HANDLING AND RECYCLING

- Our aim is to 100% recycle our wastes. With this mission, 18,5 tons of waste was recycled in 2020 (approximately 5,8 tons of paper waste, 3,7 tons of plastic waste and 6,9 tons textile waste)
- We placed classified waste bins in all departments. Our aim is to separate wastes at the source.
- We dispose our hazardous waste with licensed recycling companies.
- We dispose our electronic waste with licensed recycling companies.

# Sustainability Vision

## 7 Energy Conservation

We prioritize usage of environmentally friendly energy systems in our premises.

Some of the examples we exercise in this manner are:

- We replaced traditional lighting in all our facilities with LED lights and installed light control sensors. This resulted with over 80% savings in lightning energy consumption.
- We have replaced our knitting machines with new technology machines that consume %15 less energy.
- Steam generators are replaced with new technology versions that use less water and natural gas.





**Act Responsible,  
Think Sustainable.**