

2024 Collection Sustainable headwear lookbook





Atlantis is an italian brand specialized in designing

and manufacturing high-quality headwear since 1995

Atlantis collection

Collection after collection we are working to convert each product with conventional fabrics and features to preferred alternatives with organic and recycled material.

We decided to use these materials not only on new items, but to aim for the progressive conversion, by 2025, of all the conventional materials of our best sellers with preferred ones, while remaining faithful in design and quality. The products that will not be able to take part in this transition will be eliminated.

To identify better the products designed with a **sustainable mindset**, look for the green S: old name, same look and new sustainable soul.

Headwear as we have always done, but in a more responsible way



Our best sellers, same look with a new sustainable soul for our revolutionary products.



Wear what you believe. Follow the green leaf to spread our commitment



Our sustainability journey

2018

Begin of the sustainability journey: Oeko-Tex® Standard 100 certification, more respectful of the environment dyeing processes and traceability passport for the products

2019

Launch of recycled polyester and organic cotton products in Atlantis collection

2020 First Sustainability Report

2021

Release of our Code of Conduct and enlargement of our green offer, with the introduction of the Polylana® fiber

2022

Headwear evolution: new logo, new payoff. Launch of the first entirely sustainable collection

2023

Transition from conventional fabrics to the *preferred* ones of our bestsellers. LCA analysis and second Sustainability Report

2024

New ReTraze[®] recycled visors and Polartec[®] recycled lining. The company obtains GOTS and GRS certification

2025

Sustainability Goal: introducing 100% of Atlantis items with reduced environmental impact, by 2025

How we reduce our impacts

Product Sustainability Framework The compass of our commitment

We have an **ambitious goal**: to produce 100 per cent of Atlantis products with reduced environmental impact characteristics by 2025. To reach this goal, we have developed the **Product Sustainability** Framework, a guiding document that sets out four **Sustainability Principles** that must guide our sourcing and production choices with a view to reducing their impact on the environment.

As a 'must-have' principle of our Framework, we have identified the increasing use of so-called preferred* materials as a necessary step to act on one of the most impactful aspects of the fashion industry.

*A fiber or raw material that offers consistently reduced impacts and greater benefits for climate, nature and people than the conventional equivalent, through a holistic approach to transforming production systems

Life Cycle Assessment (LCA) The method to measure and improve

To make our impact reduction path credible, we rely on scientifically relevant tools and studies. The most important one for us is the LCA (Life Cycle Assessment) methodology, i.e., the analysis of the entire life cycle of our products from the moment they are designed and manufactured to the moment they fulfil their function.

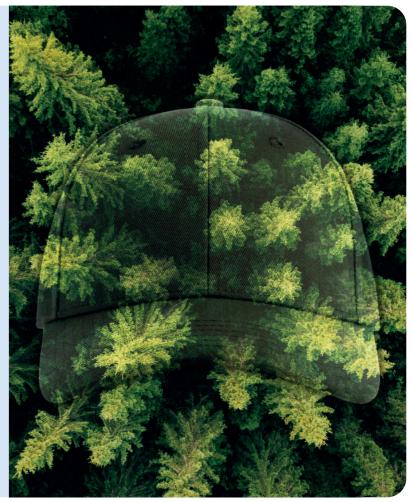
Why we rely on LCA studies

v to **identify and improve** the environmental impacts of our products at each stage of their life cycle

x to select the most sustainable alternative from the options available on the market, particularly with regard to the choice of fabrics and hat components

u to effectively **plan targeted strategies** to reduce our emissions

v to **communicate** the reduced environmental characteristics of our products in a trasparent and timely manner



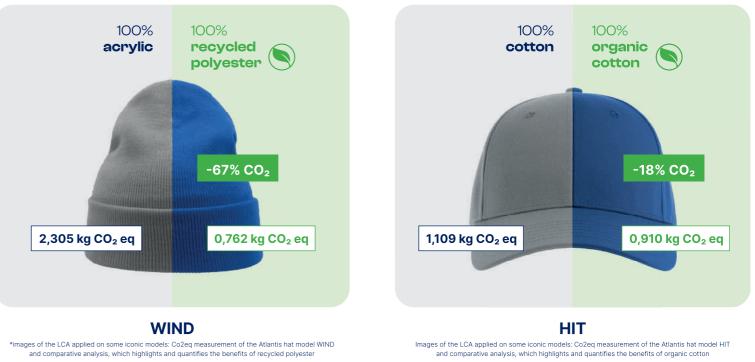




1. *Preferred* materials A choice with real impact

The LCA study carried out on our best-selling products speaks for itself: the majority of **CO₂ eq emissions** are actually related to the production of the **materials** that make up our hats (fabrics and other components), contributing between 45.5% and 75% of emissions over the entire product life cycle.

The same study also tells us that an Atlantis cap made from **recycled polyester** (instead of acrylic) can **reduce** 67% of CO₂ in the stages from raw material sourcing to distribution.



can easily understand the real impact of our decisions.

We communicate the results of our LCA studies in a clear and accessible way so that our customers

That is why we have started to highlight the CO₂ emission savings associated with the choice of a specific preferred material and will continue in this direction year after year.



We strive to select more and more *preferred* materials for our hats, a choice that is not limited to fabrics but also includes important components such as visors.

Whenever possible, we favor recycled.

It is an option that ensures a lower environmental impact of our products as it does not involve the use of virgin raw materials and allows us to recover materials that would otherwise end up in landfills. Alternatively, **we opt for virgin materials** with a low environmental impact or from regenerative production.



Recycled ע PE

visors

pag. 15



Virgin materials with reduced environmental impact

Organic ע cotton

> fabrics and sweatbands

pag. 83



2. Features

From every collection we are going further, converting every traditional component into a recycled alternative

Recycled buckram

- ע Recycled closures
- Recycled sweatband
- и Recycled taping
- Recycled lamination

ע Recycled visor

NEW

From this collection we are introducing **new recycled visors from plastic bottles and fishing nets**.

We are partnering with **Recyctex** for the upcycling of the fishnets, in fact, each year, between 640,000 and 800,000 tons of nets are abandoned in the ocean. According to the Food and Agriculture Organization of the United Nations (FAO), it is estimated that 10% of all marine waste is made up of disused fishing nets.

Since 2016, **ReTraze®** has been collaborating with small business owners, fishermen, and NGOs to collect these discarded fishing nets. Their mission isn't just ecological: after years of careful research and improvements, they have successfully established a vertical supply chain to transform these discarded fishing nets into **100% recycled PE ReTraze®** fishing net panels.

The process implemented by **ReTraze®** is a physical recycling method: sorting, cutting, washing, melting, chipping, extrusion and cutting. Through their efforts, they not only reduce waste, but also create a product that stands testament to the potential of responsible recycling.



Discarded



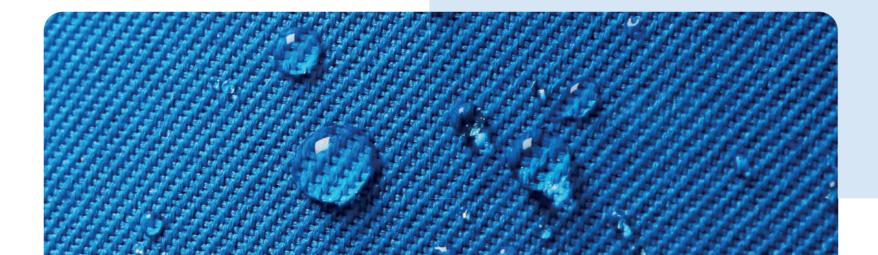






3. Technologies

Thanks to our continuous R&D we do our best to make the traditional treatments more human and eco-friendly, maintaining the high quality and performance of our fabrics. WR-PFC free it's our water-resistant treatment that keeps our caps dry without environmentally harmful components. The finishing gives the fabric water-resistant characteristics, without the use of PFCs (perfluorocarbons) compounds, which are not biodegradable and harm the environment, human and animal health. Polartec® is one of the most widely recognized fabric brands to produce thermal fabric for outdoor apparel. With greater resiliency, lightweight warmth and fast dry times, Polartec® fleece are made of post-consumer recycled polyester from recycled water bottles to ensure not only great performance but also less impact on the environment.





4. Stickers & hangtags

With the aim of minimizing our impact across the entire product lifecycle, we have decided to **reduce weight**, **quantity and use recycled materials on all our packaging and accessories**.

We also comply with **Italian legislation on environmental Iabelling** to raise customer/supplier awareness of the sustainability policies adopted.

stickers and hangtags in recycled paper number of stickers and hangtags reduced

new recycled polybags



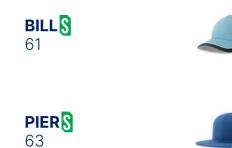














KID STAR

69











MAIN FABRIC: 80% ORGANIC COTTON TWILL - 20% RECYCLED COTTON

Unstructured old school cap made of a blend of recycled and organic cotton canvas. It features a flat visor and a recycled snapback closure.



TECH SPECS







khaki



-59% vs standard materials











MAIN FABRIC: 80% ORGANIC COTTON TWILL - 20% RECYCLED COTTON

Essential cap made of a blend of recycled and organic cotton, it features a curved visor with color sandwich and a buckle with sewn hole in the back.





navy - navy



grey - white

white - navy

TECH SPECS



one size full metal buckle and metal hole

NEW

LIBERTY SANDWICH



black - white



navy - white















DAD HAT S

MAIN FABRIC: 80% ORGANIC COTTON TWILL - 20% RECYCLED COTTON

Original dad hat shape with unstructured crown, made of a blend of recycled and organic cotton. Closed at the back by a buckle with metal hole.



grey



stone

navy

TECH SPECS







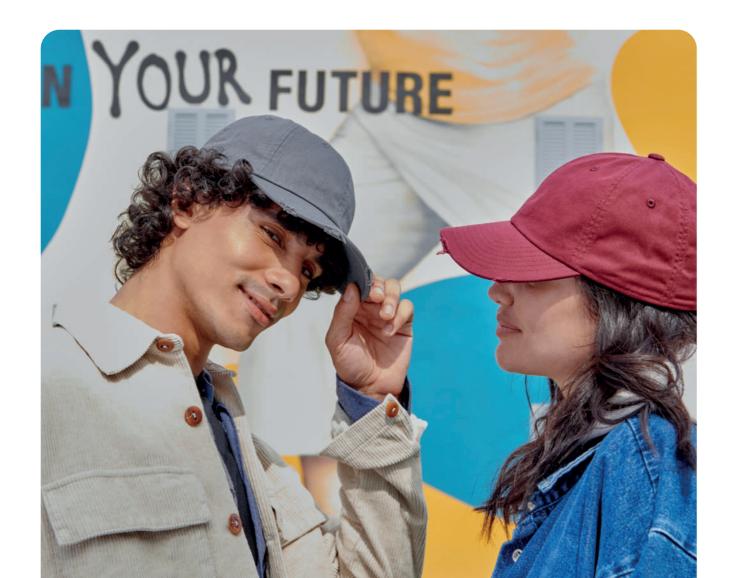




-38% vs standard materials







MAIN FABRIC: 80% ORGANIC COTTON TWILL - 20% RECYCLED COTTON

Original dad hat shape with ustructured crown, made of a blend of recycled and organic cotton. Closed at the back by a buckle with metal hole. Rips and cuts on the visor for a vintage and urban look.



TECH SPECS



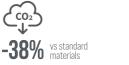


DAD HAT DESTROYED



black













dark grey - black

navy - grey - white







mustard - black







cardinal - black

grey - black

TECH SPECS





MAIN FABRIC: 80% ORGANIC COTTON TWILL - 20% RECYCLED COTTON

Colorful trucker style with 6-panel structure. Made of a mix of recycled and organic cotton, it features a mid visor and a recycled snapback closure. To finish the garment, breathable mesh in recycled polyester.

black - grey - white

navy - cardinal - white







navy - navy



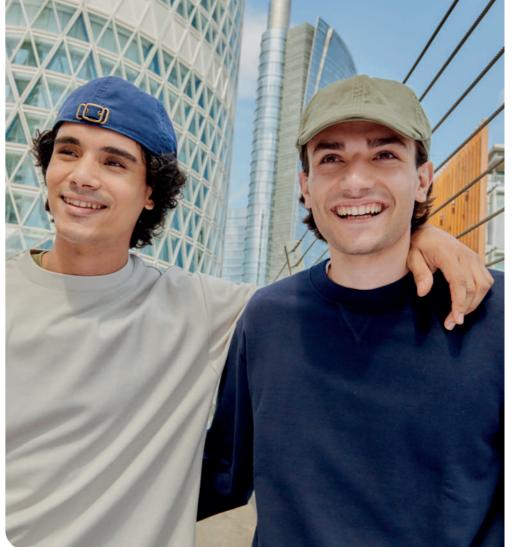


-29% vs standard materials









MAIN FABRIC: 80% ORGANIC COTTON TWILL - 20% RECYCLED COTTON

Retrò style made of a blend of recycled and organic cotton canvas, with soft crown, fully buckled closure and mid visor.





black

khaki

TECH SPECS



260 ar./m² one size

metal brass adjusted closure



















GLOBE TROTTERS

MAIN FABRIC: 80% ORGANIC COTTON TWILL - 20% RECYCLED COTTON

Must-have hat for travellers, it is made of a blend of recycled and organic cotton canvas.





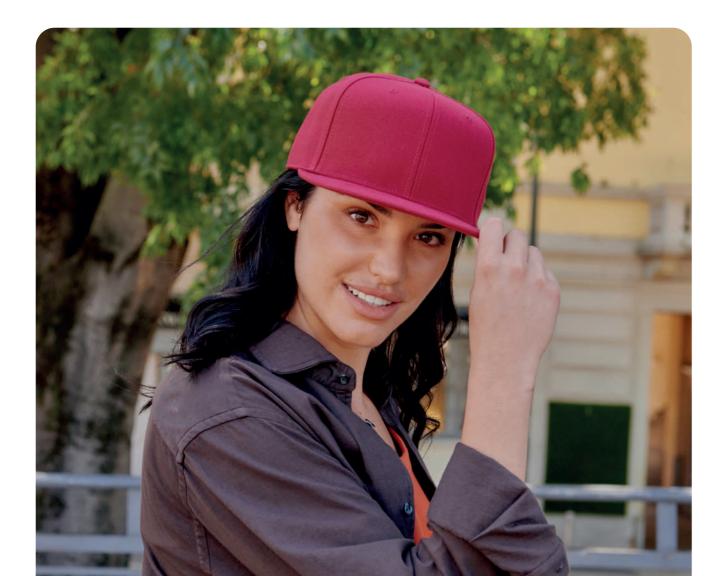
TECH SPECS











SNAP BACK

MAIN FABRIC: 100% RECYCLED POLYESTER TWILL

Streetwear style that features flat visor and recycled snapback closure. It is made of recycled polyester twill.



TECH SPECS







white



red



SUSTAINABLE FEATURES







NEW



SNAP FIVE

MAIN FABRIC: 100% RECYCLED POLYESTER TWILL

5-panel version of the Snap family in recycled polyester twill, it features flat visor and recycled snapback closure, typical of the streetwear culture.



TECH SPECS











grey















SNAP MESHS

MAIN FABRIC: 100% RECYCLED POLYESTER TWILL SIDE&BACK: 100% RECYCLED POLYESTER MESH

Trucker version of the Snap family in recycled polyester twill, it features flat visor and recycled snapback closure, typical of the streetwear culture.



TECH SPECS







navy - navy



orange fluo - black











NEW





All-round hat for any situation, in recycled polyester twill, with mid visor and recycled snapbakc closure.



TECH SPECS



















REFLECT

MAIN FABRIC: 100% RECYCLED POLYESTER

Baseball shape made of recycled polyester with reclective piping on visor and closure for high visibility when it's dark. It features a curved visor, a buckle with sewn hole at the back and an eco-friendly water resistant treatment.







TECH SPECS





















KAI

MAIN FABRIC: 97% RECYCLED POLYESTER - 3% ELASTANE

Casual all-around hat made of recycled polyester and elastane. It features a mid visor, recycled dry-tech sweatband and a HQ hook&loop closure with elastic and buckle.



dark grey

white

TECH SPECS



195 gr./m² one size high quality hook-and-loop closure





SUSTAINABLE FEATURES











PITCH

MAIN FABRIC: 97% RECYCLED POLYESTER TWILL - 3% ELASTANE

Casual all-around hat made of recycled polyester and elastane. It features an elastic sweatband and a full closure for a comfortable fit.



TECH SPECS







black













BUCKET POCKET S

MAIN FABRIC: 100% RECYCLED POLYESTER RIPSTOP

Outdoor reversible bucket hat in recycled polyester ripstop. Soft crown that can be easily folded inside its pocket. Eco-friendly water resistant treatment.





black - grey

olive - light olive





mustard - black

navy - grey

TECH SPECS





NEW



SUSTAINABLE FEATURES

















GHIBLI

MAIN FABRIC: 100% RECYCLED NYLON LINING: 100% RECYCLED POLYESTER

Winter reversible bucket hat in recyled nylon with inside lining in recycled polarfleece. Warm lining and eco water-resistant treatment for cold , and rainy days.



dark grey - black





black - dark grey

navy - dark grey

TECH SPECS



120 gr./m² one size















SNOW FLAP STOPPER

MAIN FABRIC: 100% RECYCLED POLYESTER

Outdoor winter hat with ear flaps made of recycled polarfleece. Unstructured front panels and curved visor. Adjustable closure with elastic drawstrings and stopper.





TECH SPECS





navy



SUSTAINABLE FEATURES













Rib-knitted beanie with cuff, in recycled polyester yarn with recycled polyester inside Polartec[®] lining.



TECH SPECS







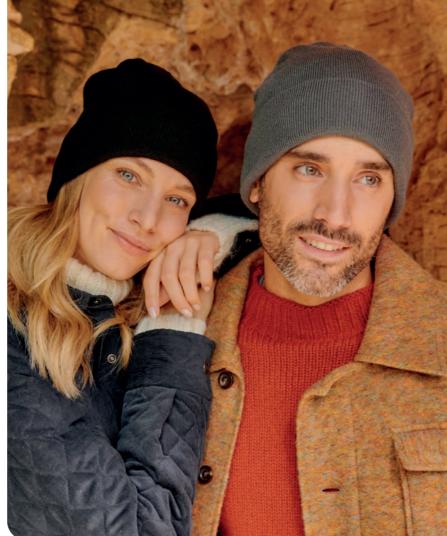
navy













Knitted beanie with cuff, in recycled polyester yarn with recycled polyester inside Polartec® lining.





dark grey

black

TECH SPECS









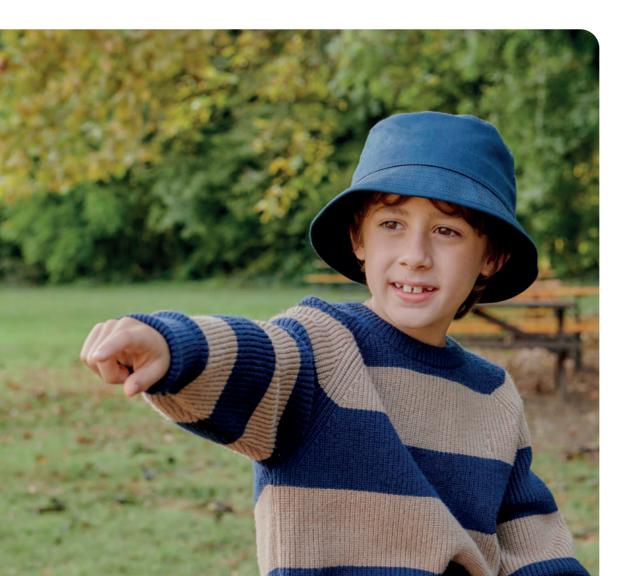
navy













Bucket hat in kid size, made of a blend of recycled and organic cotton.



black

red



white

pink









stone

navy

TECH SPECS











KID STARS

MAIN FABRIC: 100% ORGANIC COTTON TWILL

5-panel baseball hat in organic cotton in kid size for everyday activities, with curved visor and hook&loop closure.





white - red

columbia blue - navy





red - navy

pink - white

TECH SPECS









navy - columbia blue



royal - white





SUSTAINABLE FEATURES









MAIN FABRIC: 100% RECYCLED POLYESTER TWILL

Streetwear style in kid size that features flat visor and recycled snapback closure. It is made of recycled polyester twill.











SUSTAINABLE FEATURES







Responsibility & Partnership

We care about quality and sustainability.

We are serious about our sustainable mission and want to prove that we are **transparent and trustworthy** through partners who promote the highest standards in the industry.

We want our hats to be on people's heads for as long as possible since high-quality headwear has a longer life cycle.

Through collaborations with international standards and associations, we want to give consumers the certainty that the products they buy have been accredited by a third party. This means that our products are made **responsibly** and that we work with all partners in our supply chain to adhere to **strict environmental and social standards**.

Partnership, Third-party Standards & Programs:















Recycled cotton

Producing a cotton fabric requires a large amount of water. About 10,000 litres of water are needed to produce 1kg of cotton, more or less the equivalent of one T-shirt or a pair of jeans.

If we choose the alternative by **using recycled cotton, we extend the life span of a fiber** that has already been created using fewer environmental resources.

Recycled cotton is regenerated cotton fiber obtained

from production waste, like the one in our collection (preconsumer) where our supply chain partners collect textile scraps from fabric production, or fabrics that have reached the end of their life (post-consumer). The pieces of fabric, once collected and divided by colour, are chopped and transformed back into raw fiber.

The result is then spun back into yarns for reuse in other products.

With regenerated cotton the same fabric can find new life in other products **using less energy, water, chemicals and freeing up the land** for other crops compared to virgin cotton, as well as preventing the product from ending up in landfills.

We are constantly working with our supplychain partners to use more recycled cotton in our raw materials whenever possible.









Recycled polyester

Polyester is an important fiber in our collections and one of the most widely used in the world: **strong, durable** and crease-resistant, it allows us to make lightweight headwear that dry quickly. But its production comes at an environmental cost: it's a synthetic fiber derived from oil with a lower environmental impact than the production of natural fibers in terms of water and land¹ but, the energy required to produce polyester makes it a very high-impact process². This is why Atlantis wants to encourage the use of recycled polyester instead of virgin fossil-based one.

Its alter-ego, recycled polyester, or rPET, is made from polymers obtained by melting used plastic bottles and transforming them into textile fiber.

Did you know that every minute, nearly 1 million plastic bottles are purchased around the world?³

Even if recycled options allow a reduction of emissions compared to the virgin options, we know that it's not the definitive solution

to pollution from synthetic fibers: rPET's mechanical recycling process significantly reduces the material's quality and unfortunately very few clothes are recycled back into textile use and the majority of wasted polyester garments are still in the landfills. Moreover, rPET is not biodegradable and loses microplastic fibers as much as virgin plastic.

1 Sustainable Apparel Materials 2015 (https://matteroftrust.org/wpcontent/uploads/2015/10/SustainableApparelMaterials.pdf)

2 (Environmental Sciences Europe (2021) Analysis of the polyester clothing value chain to identify key intervention points for sustainability)

3 The Guardian







However, there are good reasons for choosing to use this material in our products:

Resistance: when exposed to the sun, the material does not lighten and does not lose quality, unlike cotton; this allows for greater durability and a reduction in waste.

Lack of large-scale alternatives: there are currently no alternatives to mechanically recycled rPET on a large scale.

To remedy the problems relating to the rPET, we will commit to a series of virtuous behaviours along our path of sustainable transition.

For example, we believe it is necessary to carry out continuous monitoring of the chemically recycled polyester market

which, although generally characterized by a greater environmental impact than its mechanically recycled equivalent, can be subjected to a greater number of recycling

processes while keeping the quality intact. Furthermore, we are evaluating collaborations with organizations along the supply chain to guarantee the recycling of the waste generated during production.

Another option that we consider as an alternative to rPET is the use of other materials, such as recycled nylon or recycled wool. In conclusion, recycled polyester is still a more environmentally sustainable fiber than virgin polyester.

The more we recycle, the less garbage winds up in our landfills. We can reduce our reliance on petroleum, save natural resources, production and energy costs and reduce the negative impacts of the extraction and processing of virgin materials. Our LCA study⁴ conducted on polyester products showed that when we replace virgin polyester with recycled polyester we reduce the CO2 emissions of 4% and if we replace acrylic we have a reduction of almost 70%. Impressive!

Recycling helps us reduce the industry's reliance on fossil fuel sources and manage our resources in a more ethical way: **using products to their full potential**.

4 The LCA was conducted on selected articles, taking takes into account the complete life of the product, from its production to the distribution.







Recycled nylon

Nylon is a super-performing fiber: particularly resistant, stretchable and lightweight, it allows us to produce comfy and strong headwear.

However, it has a high environmental cost: it belongs to a family of polymers called polyamides and, like polyester, nylon is made from a non-renewable resource (crude oil) in an energy and chemically-intensive process which, however, has the benefit of creating super-performing fabrics.

Our strategy includes the conversion of conventional materials into preferred ones with a better environmental and social outcome.

Recycled nylon is our reply to the need of performance, but with less impact.

It is made from pre-consumer waste from industrial processes, **including material scraps that would otherwise have been downgraded or sent to a landfill**.

Switching to recycled nylon is our way of being less dependent on virgin oil, reducing greenhouse gas emissions and, of course, waste material. reduces dependence on fossil raw materials

reduces waste material reduces CO₂ emissions compared to virgin nylon during the production process

less air, water and soil pollution compared to non-recycled nylon

Source: Textile Exchange

Organic cotton

Cotton is the world's largest non-food crop. Grown by more than 80 countries, its production is concentrated in India, China, US, Brazil, and Pakistan which combined together produce 75% of all the world's cotton.¹ Cotton is an impressive material and one of the most

used in our collections: it's **soft, comfortable, breathable** and hypoallergenic.

Despite its presence in nature, conventional cultivation is often not so sustainable, which uses chemicals (synthetic pesticides, herbicides, fertilisers and GMOs) and large amounts of water for irrigation, irreversibly damaging the soil. There are also social impacts, such as child and forced labour and exposure to potentially toxic and carcinogenic compounds.

1 The World Counts (2021) World Cotton Production Statistics.



The alternative exists and is called organic cotton grown without the use of pesticides and chemical fertilisers which, in the long run, filter both into plants and into the soil. Organically farmed cotton comes from controlled and certified crops, supporting biodiversity and healthier ecosystems. This way, water consumption is significantly reduced, soil fertility is preserved and better working conditions and health are guaranteed to farmers and their families.

The LCA study² we conducted also confirmed that choosing organic cotton for our products led to a reduction of CO2 emission from 18% to 21% compared to the conventional one.

Organic cotton was one of the **first preferred materials introduced** in 2018 and we keep investing in this fabric selecting certified supply chains that include both environmental and ethical standards and allow us to verify the fiber origin.

2 The LCA was conducted on selected articles, taking takes into account the complete life of the product, from its production to distribution









www.atlantisheadwear.com