

Impact



LESTRANGE



Report

Here at LESTRANGE, we do things differently.

Our purpose is to break free from the world of overconsumption.

Our mission is to go far beyond just recycling and using low-impact fashion materials.

Our aim is to propel the 'degrowth' movement to use less of the planet's resources and energy.





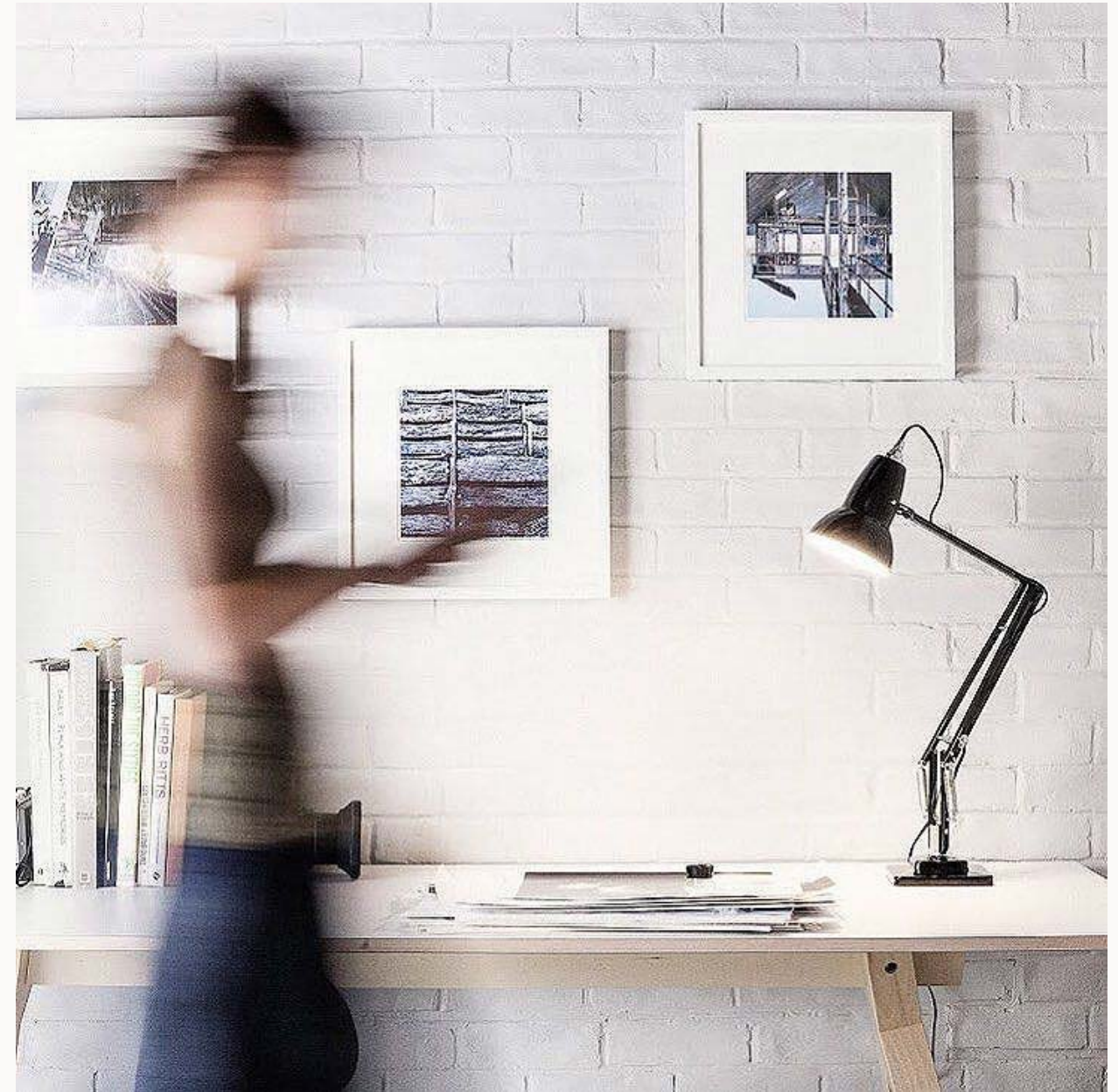
Everything we do is geared towards how we - as a company and society - can consume less.

Our activities in 2022 were no exception.

Last year, we implemented a wide range of initiatives as part of our fabric roadmap and our commitment to doing more with less.

This impact report summarises our core activities last year, including the following highlights:

- + Certified as a B-Corp
- + Became a Living Wage employer
- + Introduced the concept of biophilic design into our stores
- + Set up a regeneratively farmed cotton supply chain for our 24 Trouser
- + Partnered with Earthly to invest in nature-based solutions and ensure carbon-neutrality
- + Increased our overall supply chain transparency from 51 to 60% compared to 2021
- + Entered the product care market with our innovative Re_Fresh tablet





1.

Biophilic Design

A new vision.

At the end of 2022, we reimagined our design approach for our two new retail stores in Amsterdam and Coal Drops Yard, London.

As part of our commitment to pursue degrowth in the fashion industry, we enlisted biophilic design specialist Oliver Heath to provide a blueprint for a retail experience grounded in biophilic principles. We'll also work with British designer Fred Rigby, a longstanding collaborator of the brand, to bring our biophilic vision to life.





Biophilic design extends far beyond the introduction of planting, instead 'using human's innate attraction to nature and natural processes, to improve the many spaces we live and work in' (Oliver Heath).

Our new biophilic blueprint looks to evoke a strong sense of place and belonging, and an immersive feeling of comfort and tranquillity. Appealing to multiple senses at multiple touchpoints, biophilic elements will extend from the lighting to the materiality and even the audio experience of the stores.



2.
Regenerative Farming

In 2022, we set up a supply chain for our core trouser lines incorporating regeneratively farmed cotton.

The current system of intensive farming is broken. The over-tilling of land causes soil quality to degrade, so farmers end up adding more fertilisers each year to maintain their yields (which creates a vicious cycle of continually degraded land).





Regenerative farming incorporates a number of practices designed to benefit the land on which the crops are grown, including zero tillage, crop rotation, use of cover crops and precision planting.

By eliminating tillage, farmers can allow their soil to recover naturally, leading to an increase of naturally occurring nutrients that enable crops to grow with less fertiliser inputs.

In addition, regenerative practices (also known as 'conservation agriculture') can improve soil health, leading to increased biodiversity, environmental resilience and carbon sequestration. This enables farmers to grow more with fewer inputs, feeding directly into LESTRANGE's idea of doing more, with less.

Our regenerative cotton is from Scheffer, a farm in Brazil.

Through use of precision agriculture, Scheffer have eliminated tillage on their land and can grow their crops with minimal additional inputs, including no requirement for artificial irrigation. Scheffer takes a science-based approach to farming which reduces their inputs and allows them to measure the improvements they're making to the soil health.

If the global farming system moved to regenerative practices, this approach could help us to live within the planetary boundaries we need in order to thrive in partnership with nature, and with less, do more.





3.

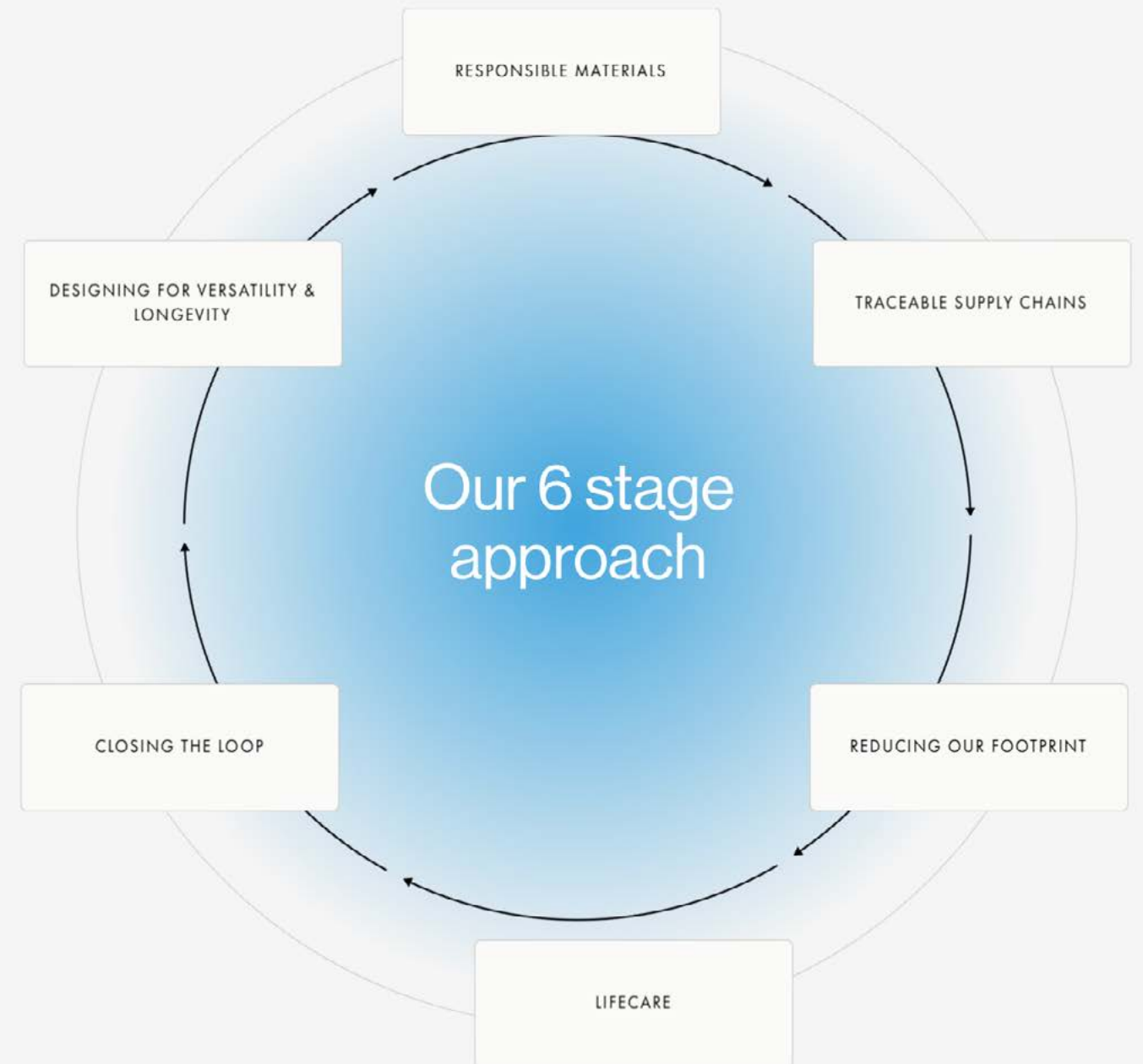
The Product Lifecycle

To truly understand the impact of a product, we need to consider every stage of its lifecycle.

While our main goal is to enable our customers to do more, with less, we're also committed to reducing the impact of everything we make.

At LESTRANGE, we've broken down the lifecycle of a product into six stages — from the initial design to its afterlife — and we're taking action at every step.

It's a circular approach to sustainability that doesn't just aim to close the loop, but extend it.



A person wearing a dark blue suit is shown from the back, with their arms extended horizontally to the sides. The suit has a structured, tailored appearance. The background is a solid, light blue color. The overall composition is clean and minimalist.

4.

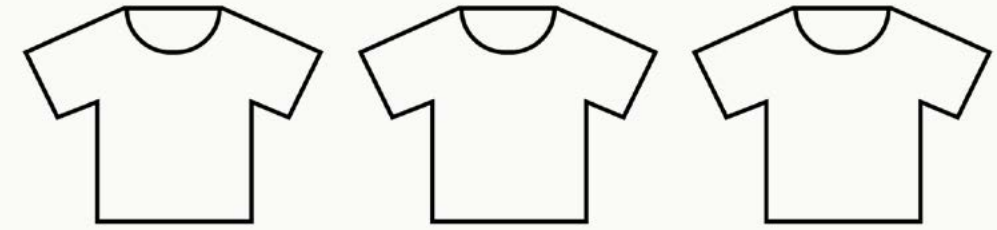
Designing for Versatility and Longevity

Good design for us means designing fewer things, but better.

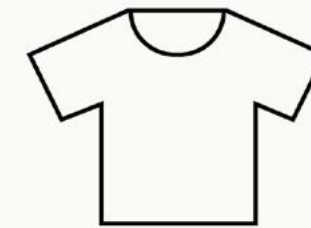
The average piece of clothing is only worn 10 times before being discarded.¹ To counter this, we focus on designing clothes that are multipurpose and can be used in numerous settings.

Our capsule wardrobe does more, so that you can own less.

¹ Global Fashion Agenda and Boston Consulting Group, Pulse of the fashion industry (2018)



15KG CO₂e



5KG CO₂e

5.

Responsible Materials

We've created a fabric roadmap to help us reduce the environmental impact caused by our materials.



The roadmap is a realistic but ambitious set of targets for our product teams, which takes into account future technologies.

Our 2022 fabric targets included sourcing low-impact materials and exclusively organic cotton, as well as enhancing responsible production practices and introducing a compostable elastane. We believe this is necessary to reduce our long-term impact on the planet and create a future where fashion's impact on the environment is minimised.

Here are some of our hits and misses from 2022:

Hits

- + Embedded regeneratively farmed cotton into core trouser lines
 - + We partnered with Scheffer and Kipas to transform our core trouser lines into regeneratively farmed cotton, bringing forward our 2023 target
- + Introduced compostable and recycled elastane into the collection
 - + We now have ROICA V550 compostable elastane in our merino shirt and ROICA EF recycled elastane in our jersey shirt
- + Grew 100% of our linen in the EU
 - + EU-farmed linen is subject to the highest responsible farming standards under the supervision of the Confederation of Flax and Hemp

Misses

- ✗ Didn't use 100% recycled polyester and polyamide
 - ✗ We were unable to fully eliminate virgin polyester from our supply chain due to the performance membrane used in our Hydrowool bomber, which could not be sourced in recycled materials due to large minimum order requirements

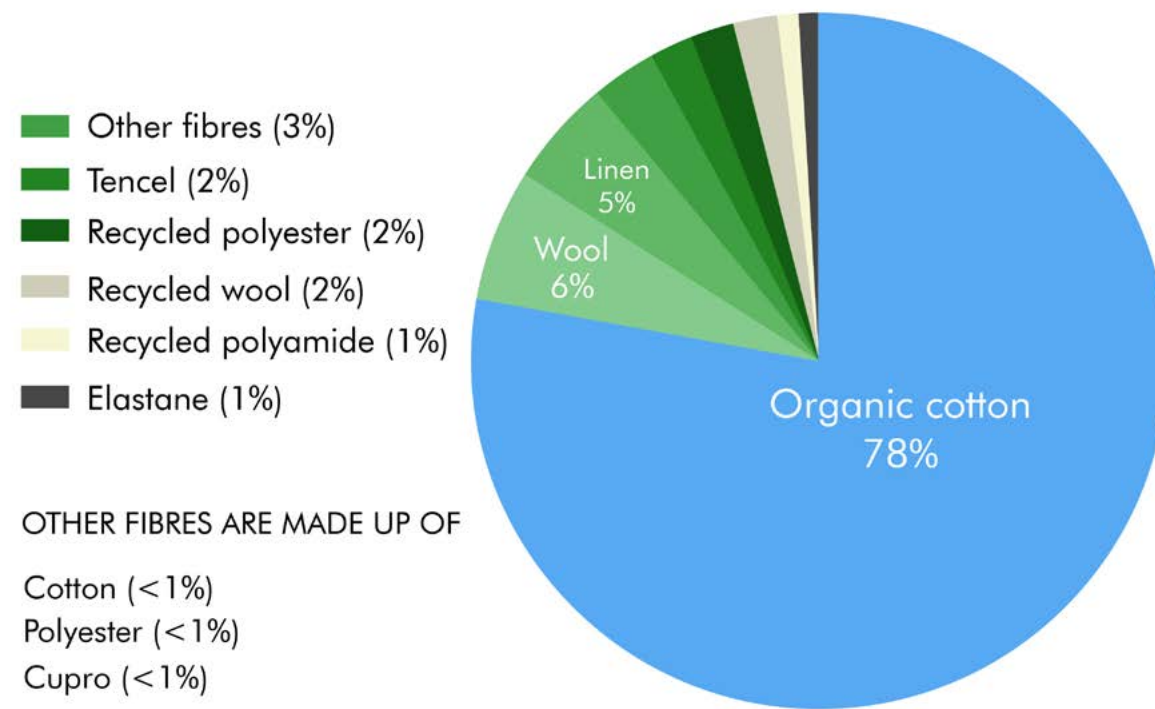


90% of the fibre we use comes from natural sources.

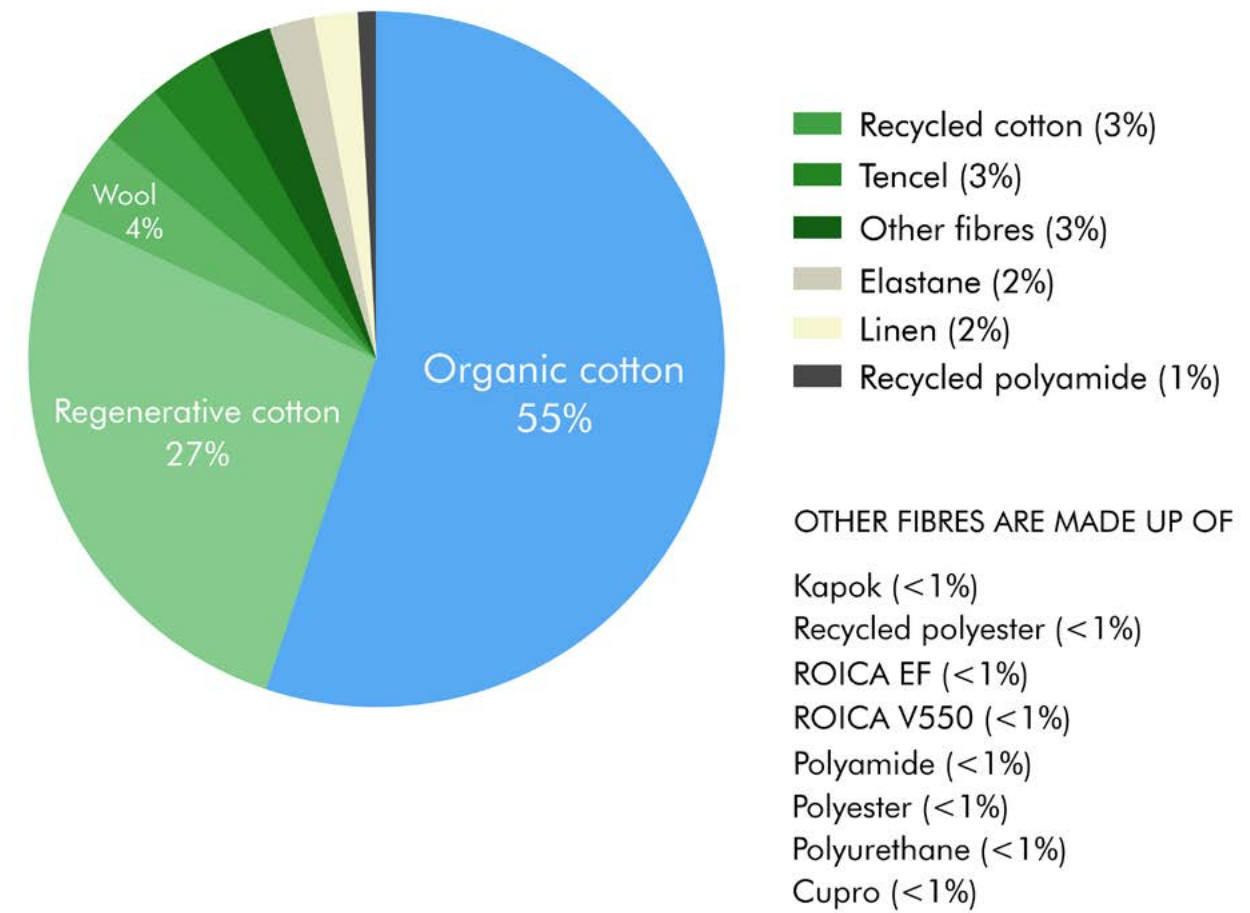
Synthetics make up less than 4% and are used only when there is no natural alternative, such as adding stretch or waterproof membranes.



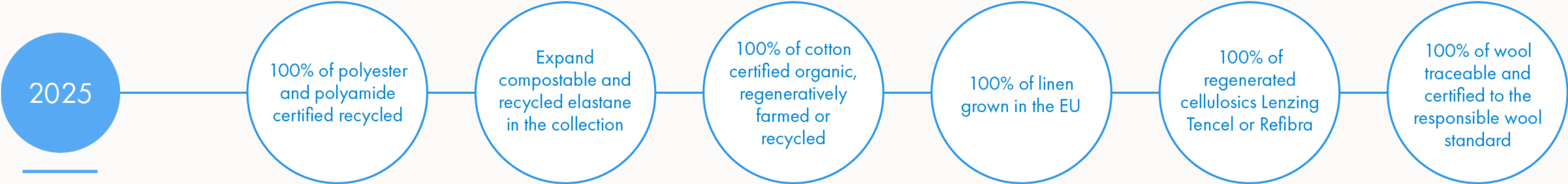
Fibre buy 2021



Fibre buy 2022



Our fabric roadmap extends to 2025 with incremental changes each year.



In 2023, we aim to increase our use of regeneratively farmed fibres and introduce natural dyestuffs.

While we face challenges in achieving some targets of the fabric roadmap due to our scale, we remain committed to working towards them. Minimum order requirements and supply chain complexity can prevent us from adopting next-generation fibres in certain product lines. However, we set these ambitious targets to focus ourselves on minimising our impact.

In particular, we're focused on regenerative farming of natural fibres and have structured our roadmap to reflect this. In 2022, we introduced regeneratively farmed fibres into our collection for the first time. Due to large minimum order commitments, the business will need to scale up until we roll this out to other product lines.

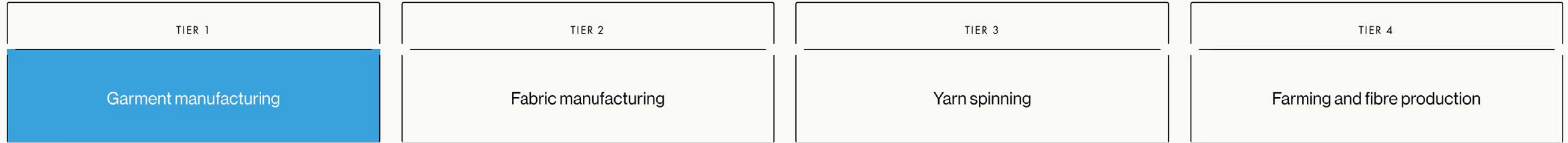




6.

Traceable Supply Chains

TRACEABLE SUPPLY CHAINS



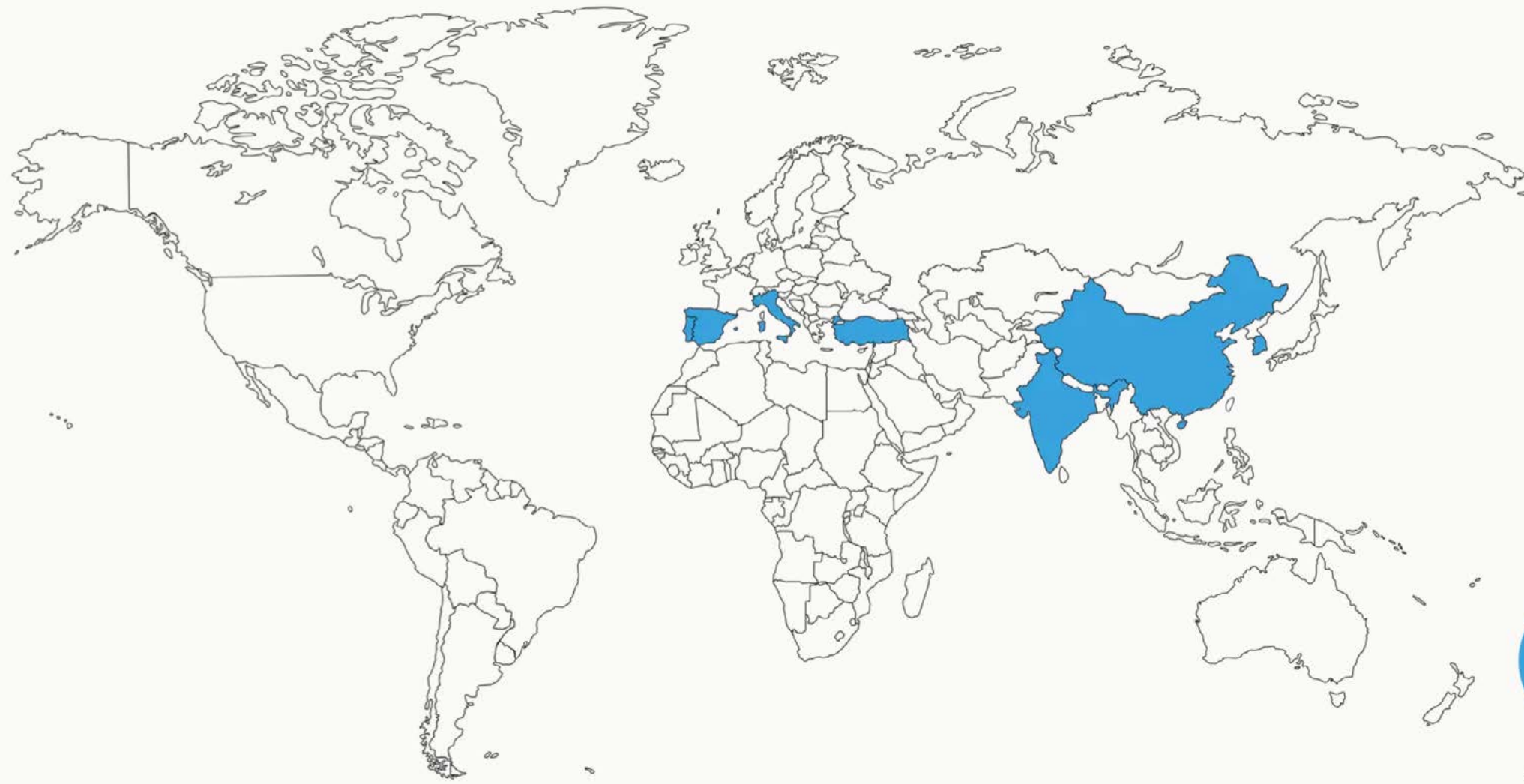
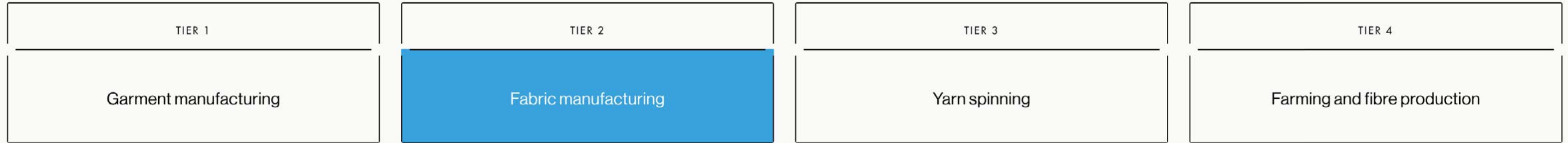
COUNTRIES

- China
- India
- Italy
- Lithuania
- Portugal
- Romania
- Turkey

OVERALL VISIBILITY OF SUPPLY CHAIN (2022)



TRACEABLE SUPPLY CHAINS

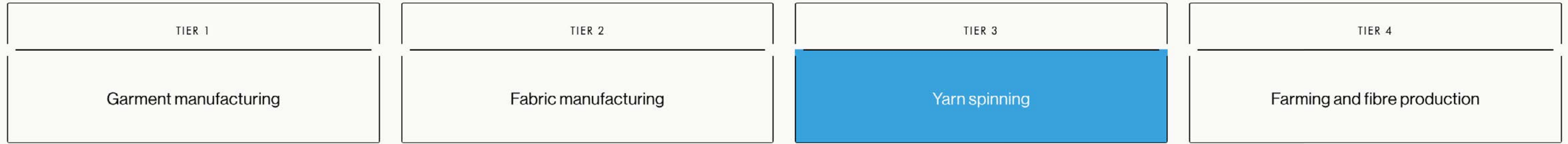


- COUNTRIES
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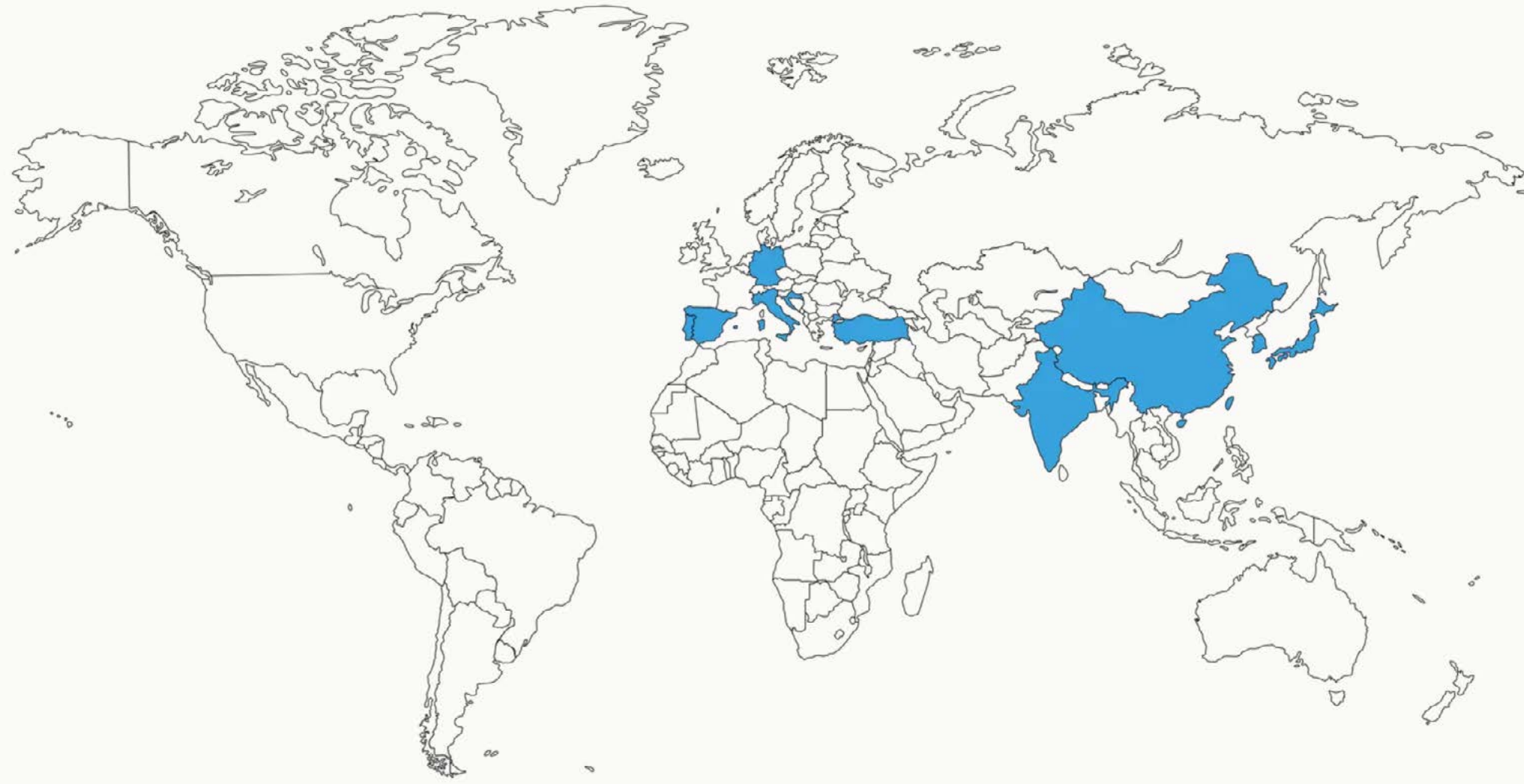
OVERALL VISIBILITY OF SUPPLY CHAIN (2022)



TRACEABLE SUPPLY CHAINS



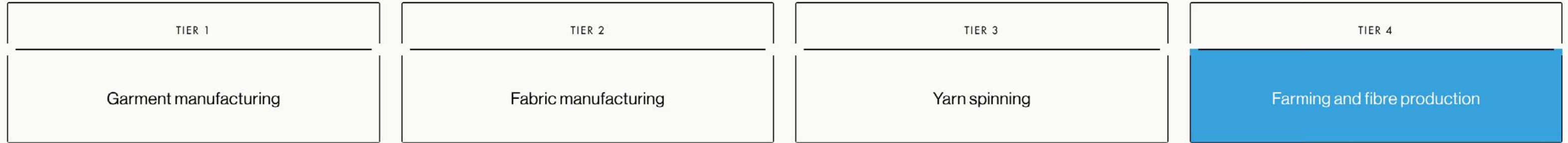
- COUNTRIES
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OVERALL VISIBILITY OF SUPPLY CHAIN (2022)



TRACEABLE SUPPLY CHAINS

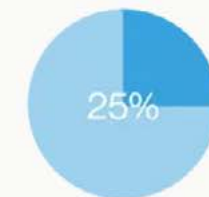


COUNTRIES

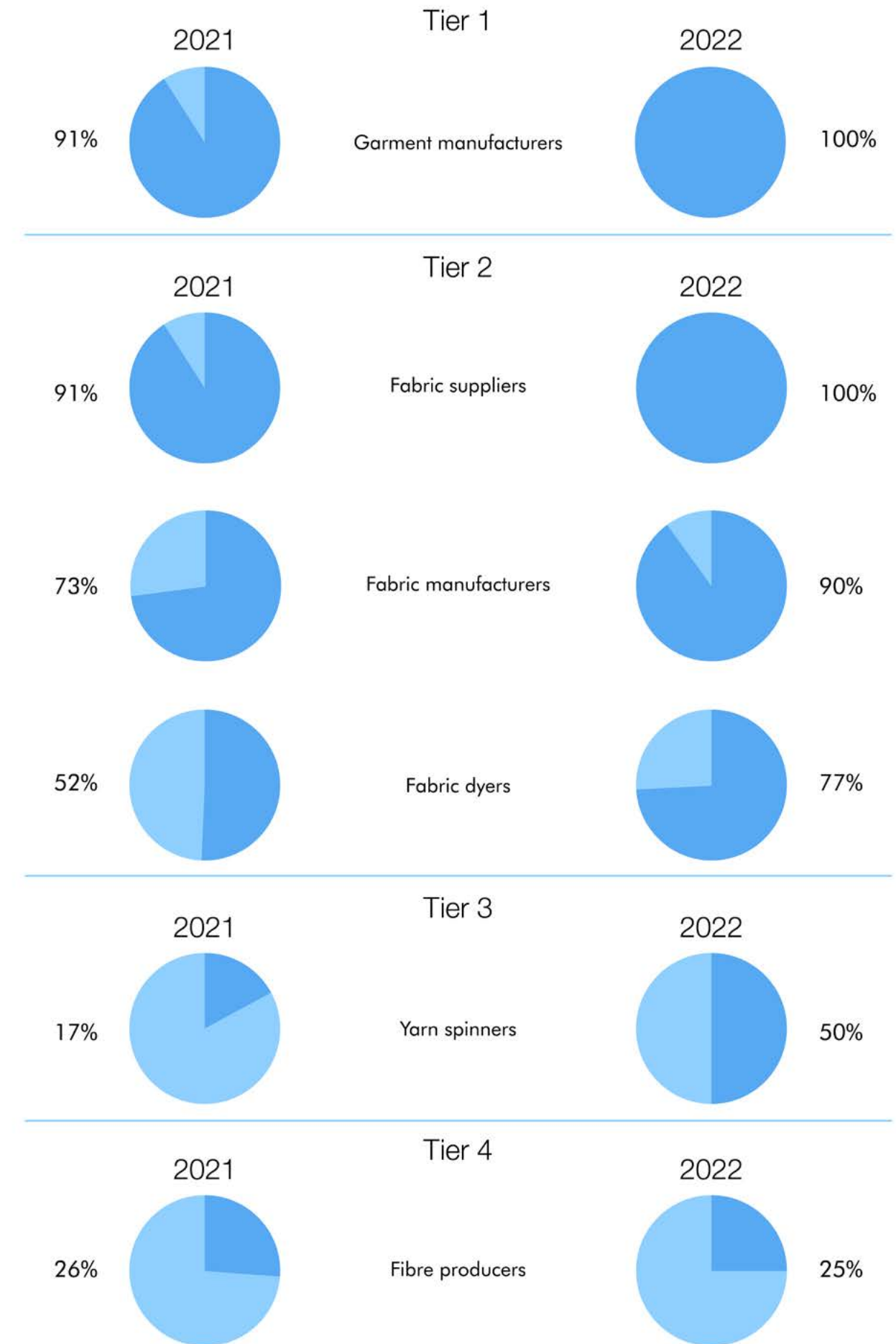
- Australia
- Austria
- Brazil
- China
- France
- Germany
- India
- Indonesia
- Italy
- Japan
- New Zealand
- South Korea
- Taiwan
- Tanzania
- Turkey



OVERALL VISIBILITY OF SUPPLY CHAIN (2022)



Beyond country of origin, we want to improve our 'visibility' of the individual manufacturing units working at each tier of production – enhancing our understanding of the social and environmental practices at each facility (via a third-party audit or our in-depth supplier survey). Our current supply chain visibility is detailed on the right:





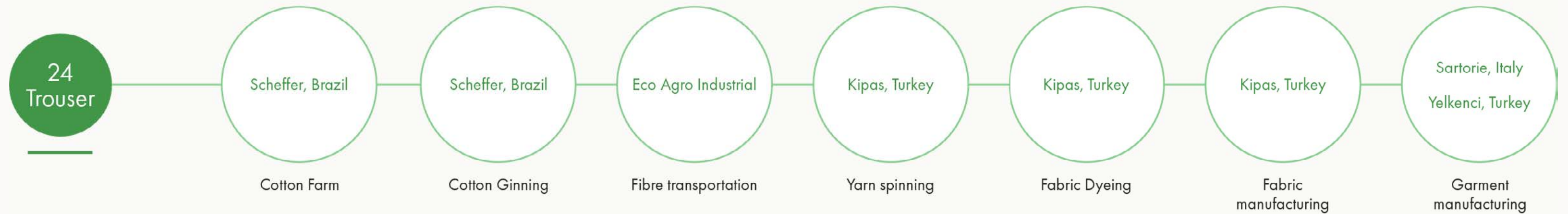
In 2022, we made significant efforts to trace our supply chain back to the farms and factories where our fibres are produced.

While this is a challenging task, we made great progress in achieving visibility across our supply chain.

However, visibility was reduced at the fibre supply stage due to the diversification of our collection in 2022, with more cotton products than before. Although all of our cotton is either regeneratively or organically farmed, it's often difficult to trace the fibres back to individual farms as they're consolidated from numerous sources before being sold to the next stage of production. With an increased number of cotton products, we also increased the potential number of cotton farms we source from, resulting in reduced transparency at this tier. Nonetheless, we remain committed to supply chain visibility and are continually striving to improve this data.

In 2022, we began our transition to regeneratively farmed cotton, which we're phasing into our core cotton lines in 2023.

LESTRANGE supply chain for 2023



This transition involved creating an entirely new supply chain which gives us visibility of every party involved in the creation of our product, starting with the farm in Brazil, Scheffer.

We are working with sixteen Tier One garment manufacturers, of which:

- + 50% have an environmental management system in place (8 factories)
- + 31% use renewable energy (5 factories)
- + 69% have been visited by LESTRANGE staff (11 factories)
- + 75% have a 3rd party social audit (12 factories)
- + 100% have either been visited by LESTRANGE staff or have had a third party audit





7.

Reducing Our Footprint





Everything we do is geared towards reducing our footprint.

Here at LESTRANGE, we aim to reduce our footprint as much as possible. To achieve this, we've meticulously documented the environmental impact of each item in our collection, taking into account everything from the farming of raw materials to fabric production, garment stitching to transportation, customer fulfilment to product care and disposal. This data provides us with a comprehensive picture of the CO₂e emissions, water usage, and chemical impact generated by our products. This allows us to pinpoint areas where we can improve and reduce our environmental impact.



Our total product footprint for 2022 can be broken down into the following categories:

2022 Impacts

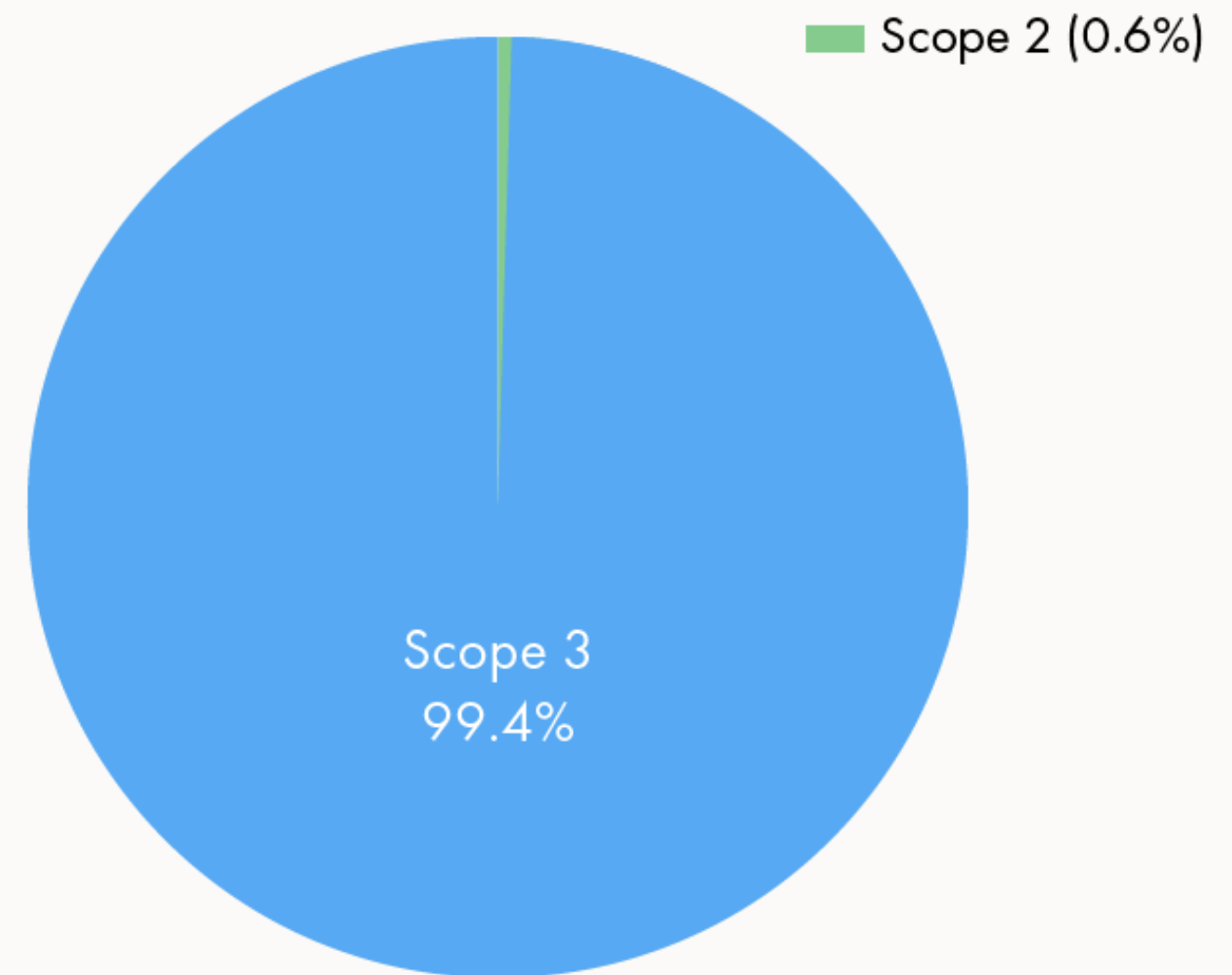
 CO ₂ e	 Eutrophication	 Chemistry impact	 Water use
691 Metric tonnes	4,369 Kg PO ₄ equiv	524,281 units	16,777,182 litres

Our analysis has shown that the majority of our environmental footprint occurs at Tier 2 - the production of fabrics and trims.

These impacts are often referred to as our Scope 3 emissions when discussing carbon. Addressing them is key to making a significant reduction in our overall environmental impact.

Our Scope 3 emissions are largely out of our control, which makes reduction challenging, but there are still steps we can take to influence what happens. For instance, we can prioritise using low-impact fibres and working with suppliers who rely on renewable energy sources. By making informed purchasing decisions, we can help to minimise our impact on the environment.

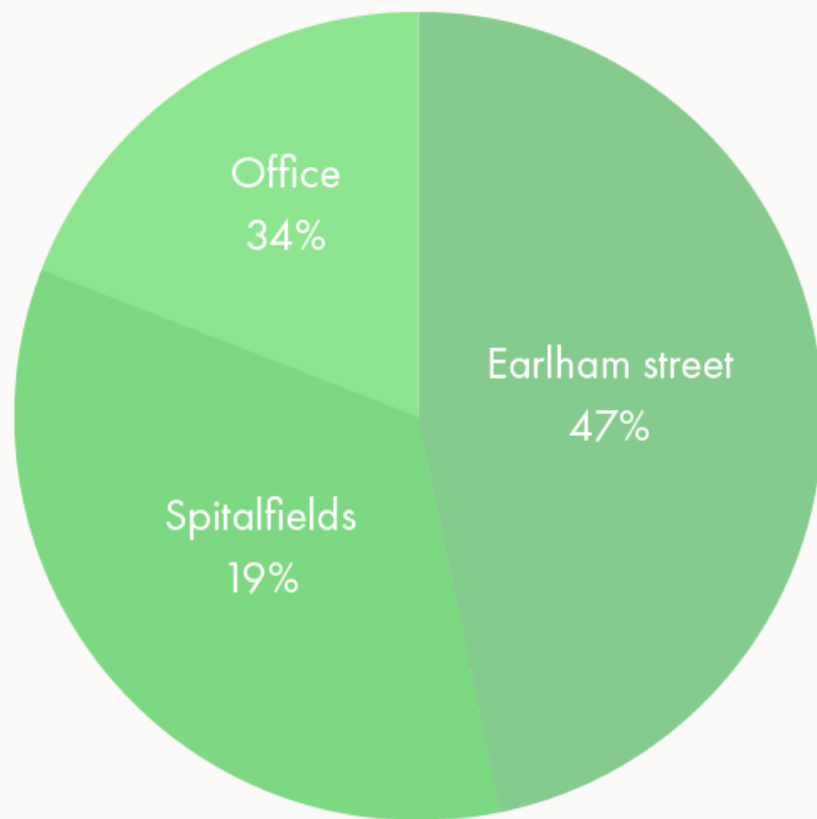
Emissions by Scope



Scope 2 emissions refers to those generated by our energy providers for the UK stores and studio. As a result, these are extremely limited compared to Scope 3.

The reason we have not listed our scope 1 emissions here is because we don't have any. Scope 1 is defined as emissions that arise from sources that are controlled or owned by a company, and currently this does not apply to us.

Scope 2



- End of life treatment of sold products (4%)
- Upstream transport and logistic (3%)
- Business travel (1%)
- Employee commuting (<1%)
- Waste generated in operations (<1%)

Scope 3



Every year we aim to balance our CO₂ emissions.

In 2022, we partnered with Earthly to invest in nature-based solutions, focusing on the planting of Mangrove trees in Madagascar and the protection of peatlands in Borneo.

Earthly projects are designed to restore nature and remove CO₂, creating multiple mutual benefits for society and nature. The projects are independently verified using 106 data points to ensure that our investment is being used to create real benefits.



Mangrove Planting, Maroalika

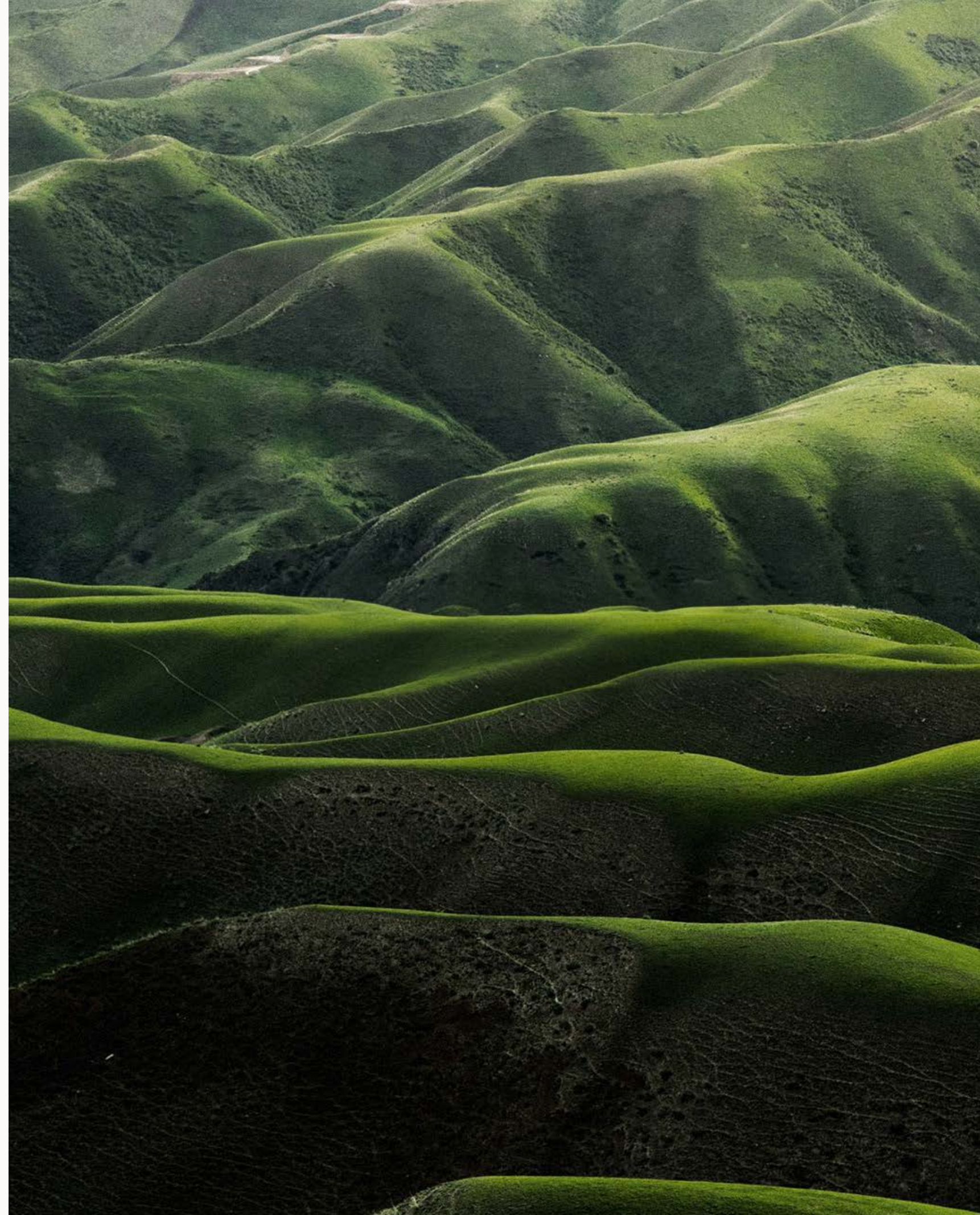
This project has planted over 300 million trees, helping to restore biodiversity in a country that has lost up to 90% of its native forest cover. A mix of four mangrove species are planted with the work carried out by local people in order to provide jobs.

LEARN MORE

Peatland Protection, Rimba Raya

This project protects 640 square kilometres of tropical peat forest, helping to store 350 million tonnes of CO₂ which would be at risk of release if this land was developed or farmed. The project works with the local community to protect the land and the biodiversity that it supports.

LEARN MORE



A close-up photograph of a perforated metal surface, likely a filter or a component of a machine. The surface is covered in a grid of small, circular holes. A larger, circular inset is visible in the upper left quadrant, showing a similar pattern of holes. The lighting is soft, highlighting the texture of the metal.

8.

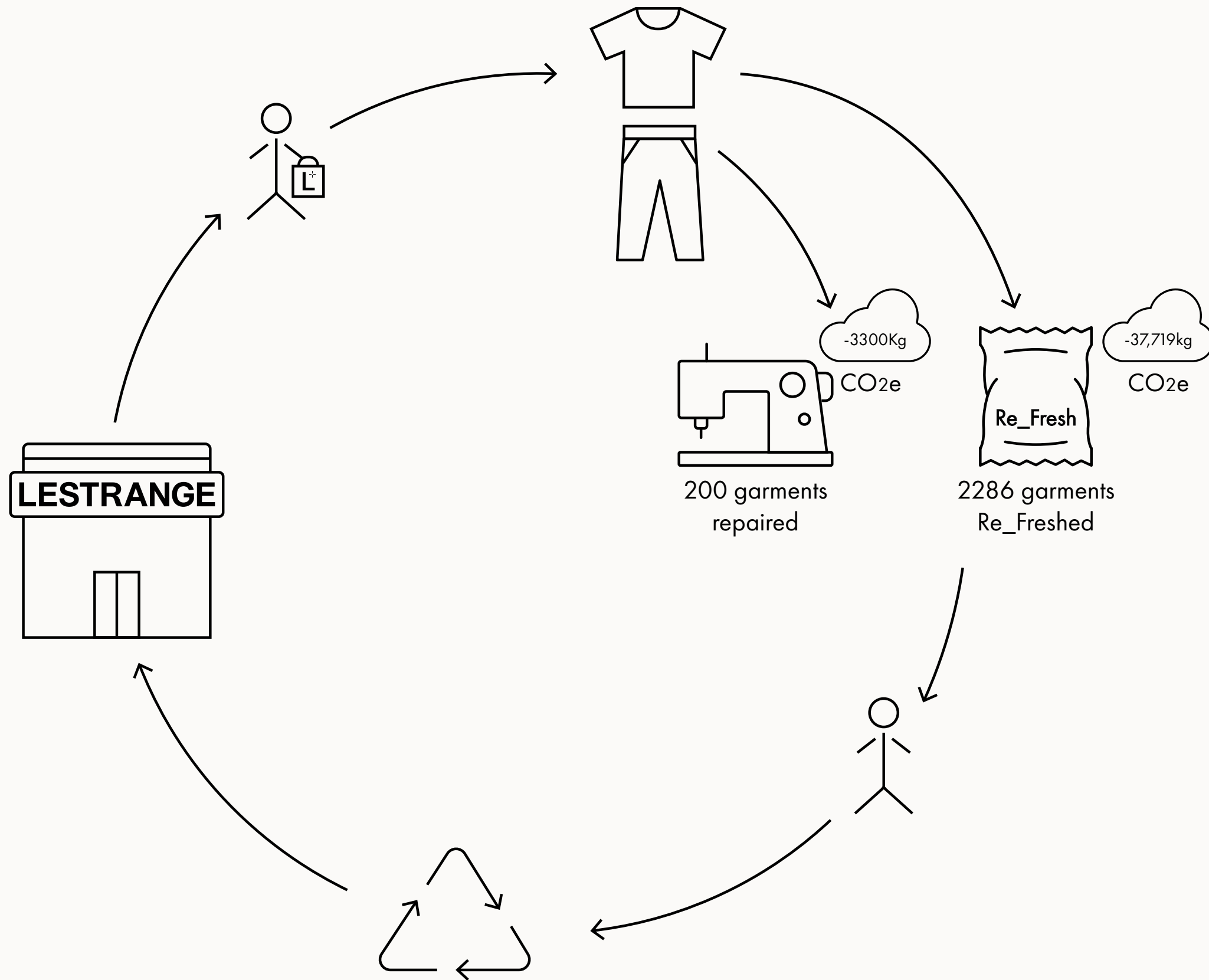
Lifecare

Extending the lifespan of a garment by nine months reduces resource use by 22%¹.

We focus our innovation on extending the lifespan of our garments. Designing with quality materials and producing timeless garments that you'll want to keep for years is the first step. The second step? Our effortless ongoing care solutions, which can add years to your wardrobe.

¹[https://wrap.org.uk/sites/default/files/2020-10/WRAP-Design for Longevity Report_0.pdf](https://wrap.org.uk/sites/default/files/2020-10/WRAP-Design%20for%20Longevity%20Report_0.pdf)



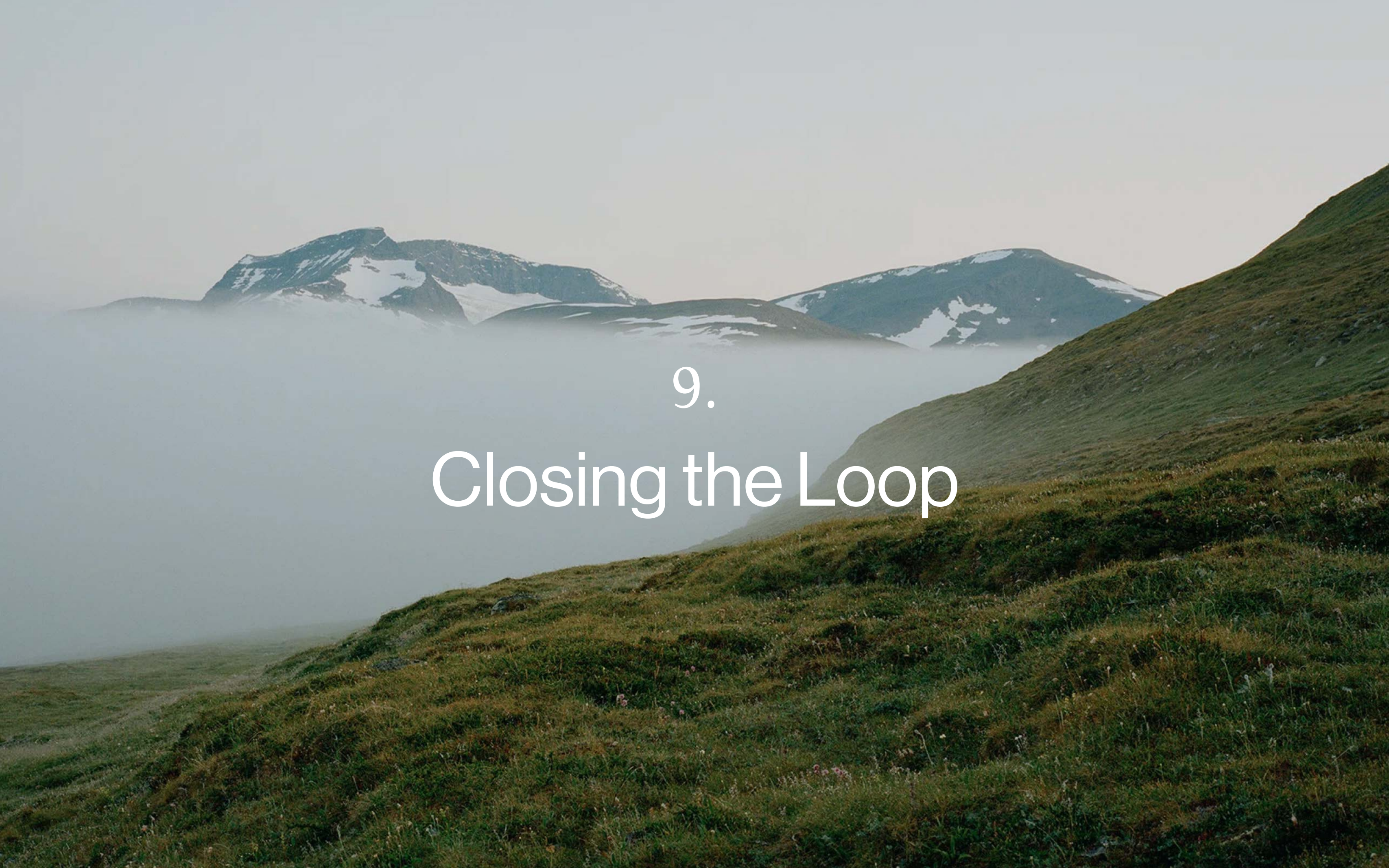


Re_Fresh

We created the world's first-ever rejuvenating laundry tablet made with naturally-derived enzymes that return the colour vibrancy of your garments.

Re_Pair

We offer a complimentary repair service for up to one year after your purchase. Missing a button or loose thread? Send it back and we'll repair it.

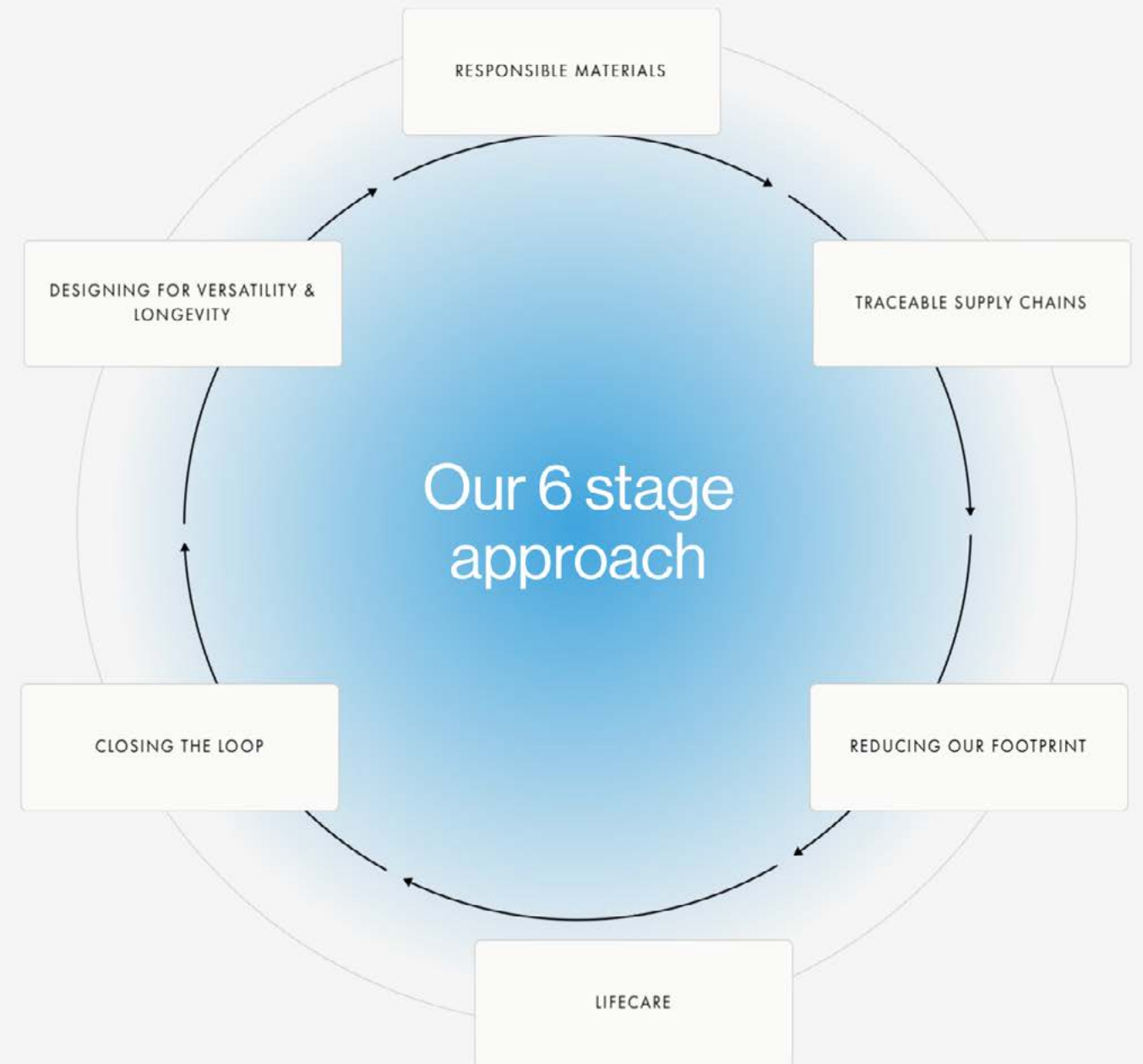


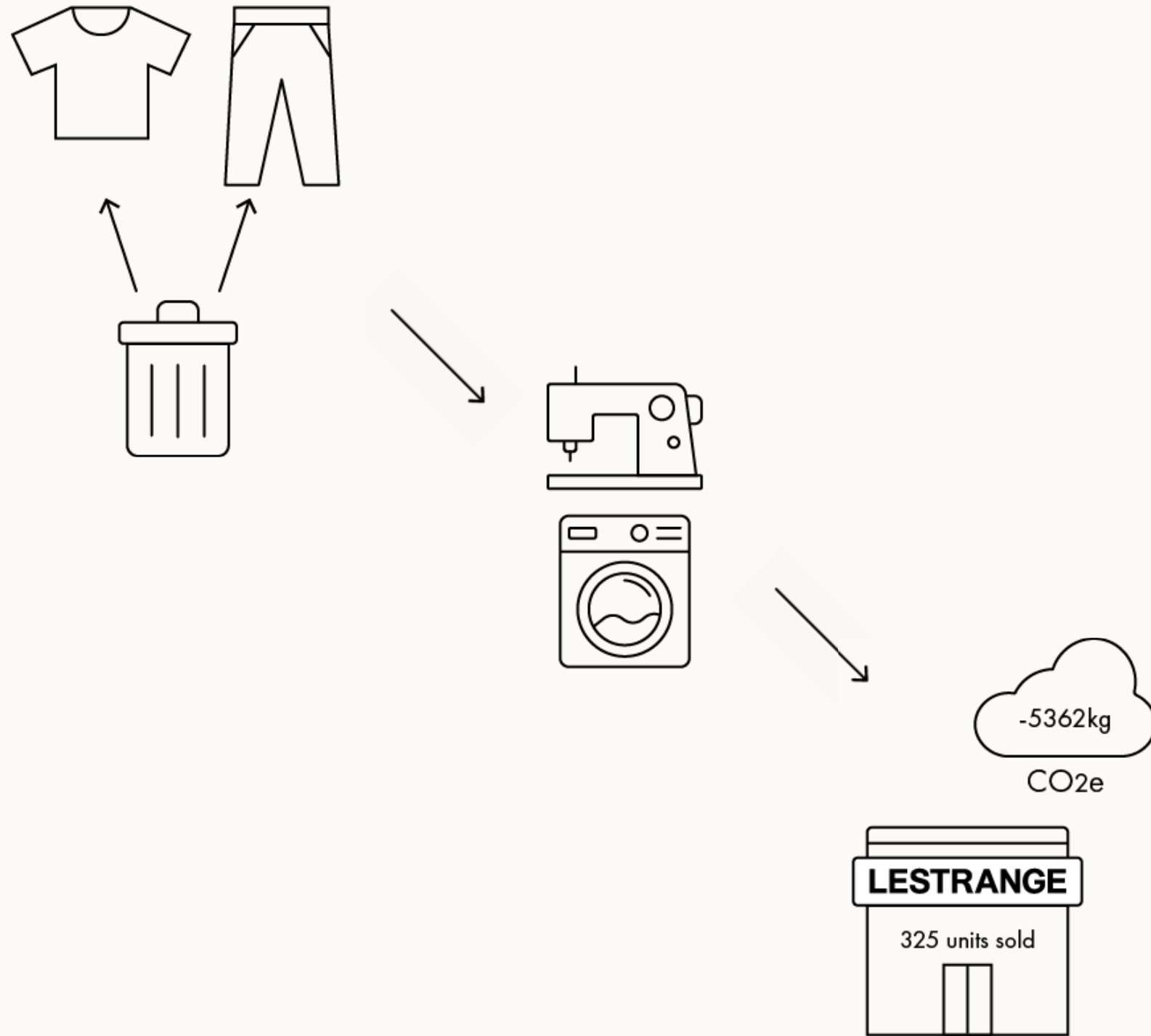
9.

Closing the Loop

At LESTRANGE, our focus is on maximising the size of the loop by keeping our garments in circulation as long as possible.

However, all garments eventually reach the end of their lives and so we are committed to offering solutions that allow our products to live on, even if their original customer no longer has a use for them.





Re_Work

We repair and dry clean any garments that have either missed our factory checks or been returned with only slight imperfections. Then, we reintroduce them at a lower price so they can still be worn instead of being destroyed.

Since launch, we have saved 325 garments from going straight to landfill and given them a second life, preventing the release of up to 5362Kg CO2e.

Re_Cycle

Our customers can take advantage of this service free of charge by dropping garments into any of our stores or using our online portal. As a thank you, customers participating will receive a £10 voucher towards their next purchase.

Any clothes taken back will be recycled into one of the following streams:

+ Cotton Lives On

- + This system is utilised for garments consisting of 50% or more of cotton. The garments are recycled into roll mats, which are then donated to homeless charities.

+ Camira Yarns

- + For any garments that are made entirely of wool, they will be sent to the mill in Huddersfield to be recycled into new wool yarns that can be used to produce brand new wool fabrics and garments.

+ Ocean Laundry

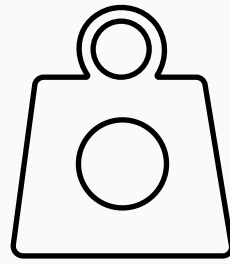
- + Other fibre blends will be sent for shredding to test a brand new recycling scheme that aims to take complex blends and turn them into new yarns for use in textile manufacturing.



We report and record all of our packaging waste, including the waste from our office and stores.

Depending on the country of operations, we also contribute towards local waste and recycling schemes.

Our office and store spaces have a zero landfill policy. In 2022, our waste was processed as follows:



Kg's recycled:
4013

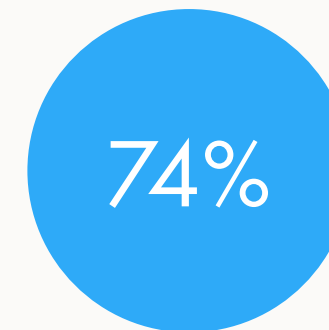


Kg's to energy:
1538



Kg's anaerobic digestion: 375

Recycling rate:



In 2022, we produced the following quantities of packaging waste, which were disposed of by our warehouse or customers.

The plastic element is comprised mainly of packaging tape, which we have eliminated on our customer packaging going forward.

122,697kg

Paper/cardboard

2961kg

Plastic

5kg

Metal

22kg

Recycled polyester



10.

The Next Year

An essentialist future within planetary boundaries. This is the world we see, and the world we believe that we can create together.

The next year will see us roll out the regeneratively farmed cotton in our core trouser line, along with taking further steps along our fabric roadmap. A brand new website will allow us to communicate our impact messages to customers and every purchase made will automatically trigger an investment in nature-based projects via Earthly, ensuring that every sale remains carbon neutral.



L+