



# infitdenim

Sustainability report  
2023



## INDEX

- 01. A message from our founder
- 02. Product life cycle
- 03. What goes into our fabrics?
- 04. What goes into our clothes?
- 05. Traceability and transparency
- 06. Our yarn and fabric manufacturing
- 07. Our climate impact so far
- 08. Our working conditions
- 09. Sustainability Development Goals
- 10. Sustainability goals towards the future
- 11. Reflections on 2023

## A message from our founder

Infinet Denim was born out of a necessity. An internal call to transform the fashion industry and to do it from its origin: the material. A team of women united to do what appears to be the most reasonable thing: to take advantage of the fibers and fabrics in the garments we have already worn to create new ones. It is as simple as imitating what nature has been doing since its beginnings: introducing “dead” materials into a new cycle, transforming them into “nutrients”. Under this idea Infinet Denim was born; a circular dream that goes beyond the limits of design and materials and refers to a way of understanding the textile universe at a social, cultural, and human level. We still have a long way to go, but thanks to you and your trust we can continue working to improve day by day.

**Nuria Nubiola**



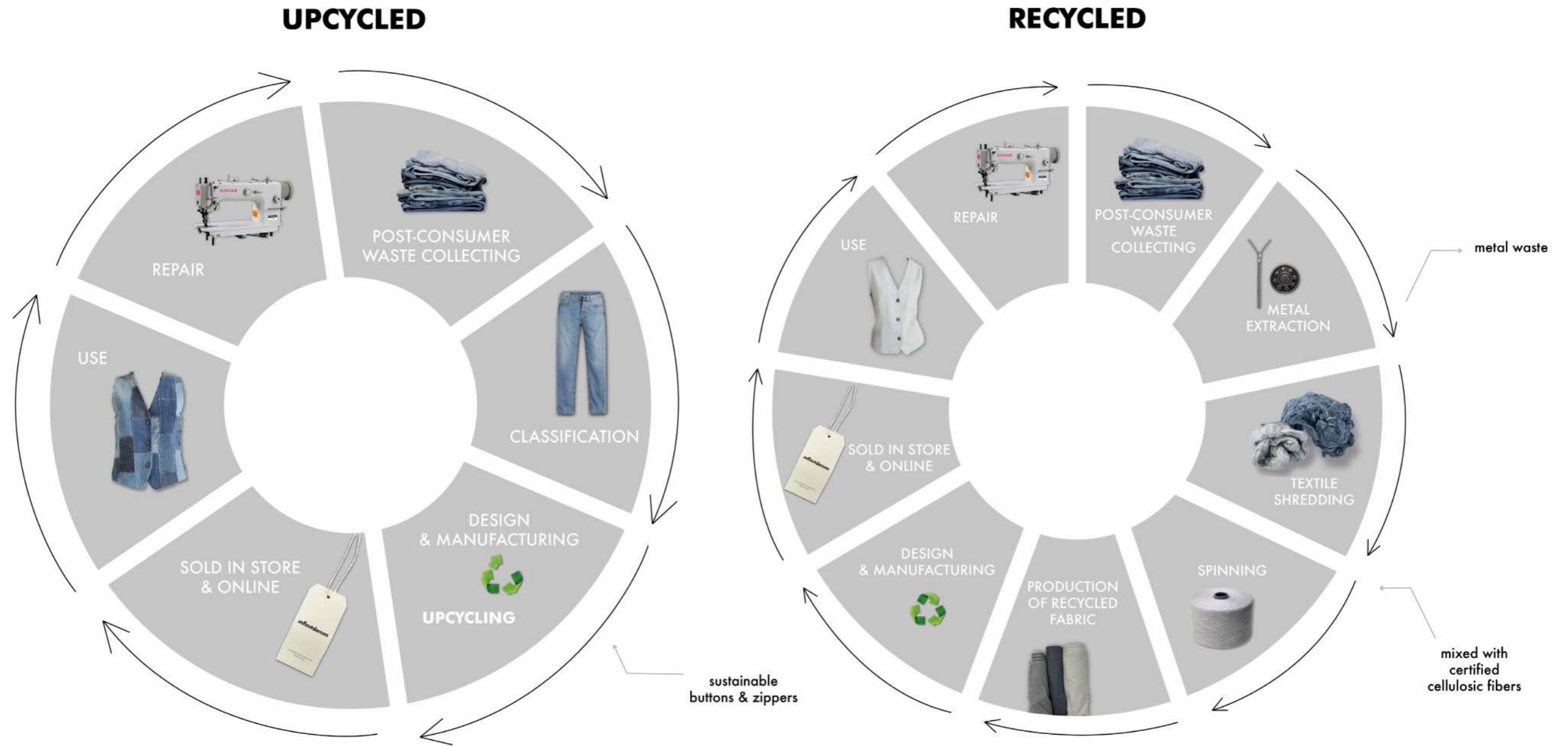
A collection of textile materials illustrating the product life cycle. At the top center is a large spool of light-colored thread. To the right is a folded denim shirt with a collar and buttons. On the left side, there are three distinct stages of wool processing: a top section of light-colored, braided wool, a middle section of dark grey, crumpled wool, and a bottom section of dark grey, crumpled wool. The text "PRODUCT LIFE CYCLE" is overlaid in white, bold, sans-serif font across the center of the image. A small white infinity symbol is located at the bottom center.

# PRODUCT LIFE CYCLE



# Infini Denim's product life cycle

Our design, sample and manufacturing processes happen in Barcelona, less than 300 km from our store and office.



**Our collections are made via upcycling or with recycled materials. All locally and ethically made in Spain.**



We collect denim waste from all around Spain via our collaborations with Catalan textile waste centers like the Solidança Foundation, with recognized brands like Levi's Spain, and donations via shipments or store deposits.



Once it is collected, it goes through a classification process. We classify if the denim can be used for reutilization. If it is, it goes into the upcycling process which is turning something into a better thing than it was before.



If upcycling isn't an option, it goes into the recycling process. We prioritize recycling jeans that are made from >95% cotton to avoid non-biological materials and microplastics. Also, the leftovers scraps from the upcycling process join the recycling phase.



In the beginning of the recycling process, we remove the metal parts from the post-consumer jeans (for example buttons and zippers). Afterwards they are transported to shredding centers where they transform back into fibers.



These fibers are mixed and spun with cellulosic materials to create a new eco-recycled yarns. Subsequently, we weave these yarns to create new Infinit Denim fabrics.



We design all our new garments with eco-design principles, vegan, recycled, and/or organic materials. With a main focus on using our own recycled fabrics and yarns throughout the collections, as well as upcycled post-consumer jeans.



Whether it is recycled or upcycled, we design a seasonless collection. Ethically made in Spain. Therefore, we lower our carbon footprint, support mindful consumption and durability with timeless designs.



**Our designs are based on 3 principles of circular fashion:**

- Minimum impact materials, processes, and positive impact actions**
- Durable and timeless designs**
- Repairability and recyclability at the end of life**

# What goes into our fabrics?



## All the fibers are recycled and/or biological



**Post-consumer denim fibers** are obtained after the shredding of pre-worn jeans, deposited in textile recycling points in Spanish territory, and the leftover scraps of the upcycled manufacturing process.



**Hemp** has organic fibers that are 100% recyclable, and it is biodegradable. Hemp production requires much less water than for example cotton production and it typically requires fewer pesticides. It also stores more CO<sub>2</sub> than it emits. Hemp helps fight climate change by trapping carbon dioxide.



**LENZING™ ECOVERO™** is made from wood that is responsibly sourced and certified. The production process uses fewer chemicals and less water. Plus, it creates less CO<sub>2</sub> compared to other fabrics. When it's done being used, it breaks down naturally, which is great for the environment.



**TENCEL™ Lyocell fibers** are made via the REFIBRA™ technology, which takes pre-consumer cotton scraps and mixes them with wood pulp. These fibers are made with at least 30% recycled material, coming from pre- and post-consumer waste. We use REFIBRA™ yarn to make soft fabric for comfy clothes and circular knit garments.



**Kapok** is a natural cellulosic fiber, obtained from a tree whose fruits contain soft, light, and silky fibers that look like cotton but by their nature do not need fertilizers or irrigation.

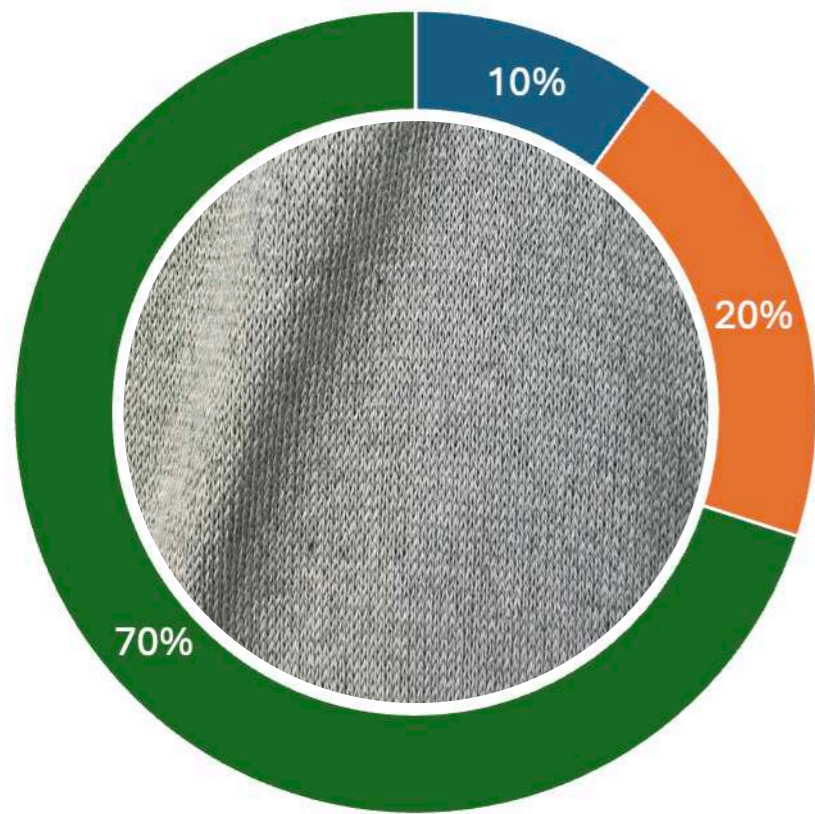


**Pre-consumer cotton fibers** are obtained from the shredding of leftover scraps of cotton fabrics. These leftovers are collected during the manufacturing process in multiple factories in Spain, which are specialized in cotton production (for example T-shirts and shirts).



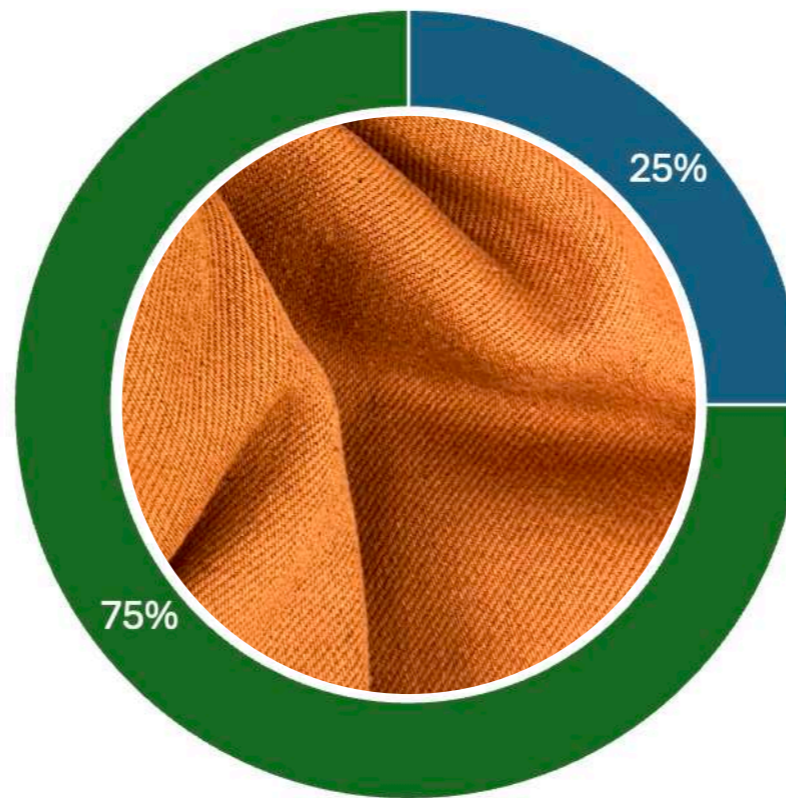
# Our fabric and yarn compositions

Infinet Denim Kapok yarn



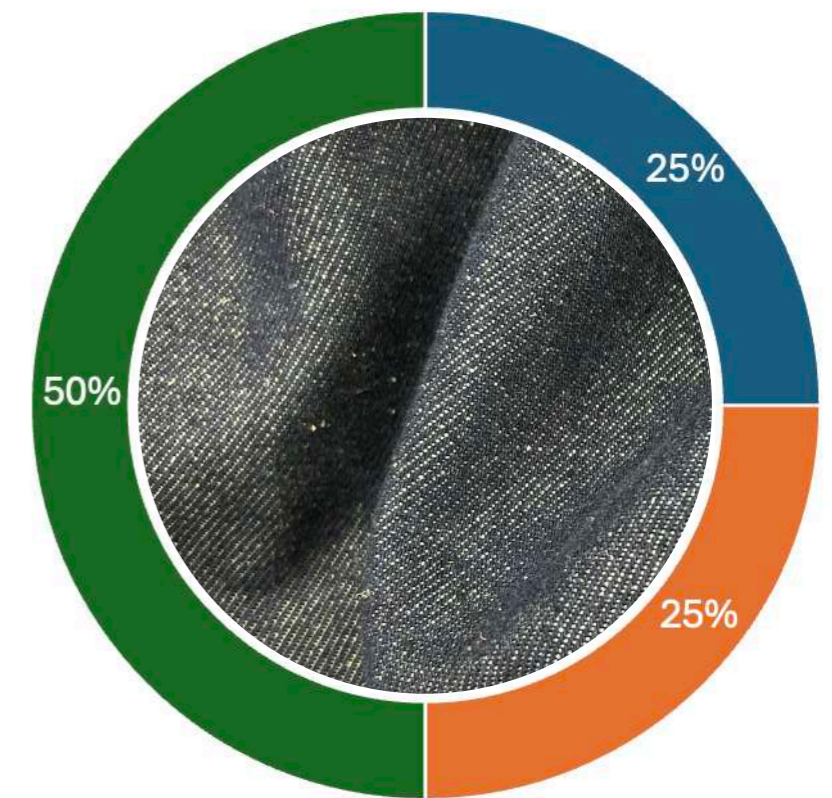
■ Post-consumer recycled denim fibers ■ Kapok ■ TENCEL Lyocell

Infinet Denim flat twill fabric/  
Circular knit fabric



■ Post-consumer recycled denim fibers ■ LENZING ECOVERO

Infinet Denim denim fabric



■ Post-consumer recycled denim fibers ■ Hemp ■ TENCEL Lyocell

# What goes into our clothes?



**infitdenim**  
MADE WITH FIBERS FROM OLD JEANS  
WE RECYCLE OLD JEANS FROM TEXTILE WASTE CENTERS AND USE ITS FIBERS TO MAKE NEW YARNS.  
WE PRODUCE USING INNOVATIVE METHODS THAT ALLOW US TO SAVE A LARGE AMOUNT OF WATER AND ENERGY.  
WE WORK TO CHANGE THE TEXTILE LINEAR SYSTEM AND FOR A LOCAL AND TRULY SUSTAINABLE FASHION.  
ETHICALLY MADE IN SPAIN

**infitdenim**



Our buttons are screw-on to simplify the recyclability of the garment. They are made from recycled **ZAMAK**. This saves waste, energy, and resources by reducing the need to mine and process zinc, aluminum, magnesium, and copper.

Our tags are made from cotton, so everything is made from biological fibers making it easier to recycle at the end of life. Our paper tags are made from recycled paper. For online orders and shipments, we use recycled plastic bags and paper envelopes.

# Traceability and transparency

Our yarn, fabric, and clothing production is made in less than 300 km from our store in Barcelona.

Globalized production changed how things are made and sold worldwide, but it has downsides. Long-distance shipping hurts the environment, and it can cost local jobs. Plus, global supply chains can easily get messed up by disasters or political issues.

Producing locally is a better option in many ways. It cuts down on pollution from shipping, supports local jobs, and makes communities stronger. Also, local production means better quality control and more accountability.

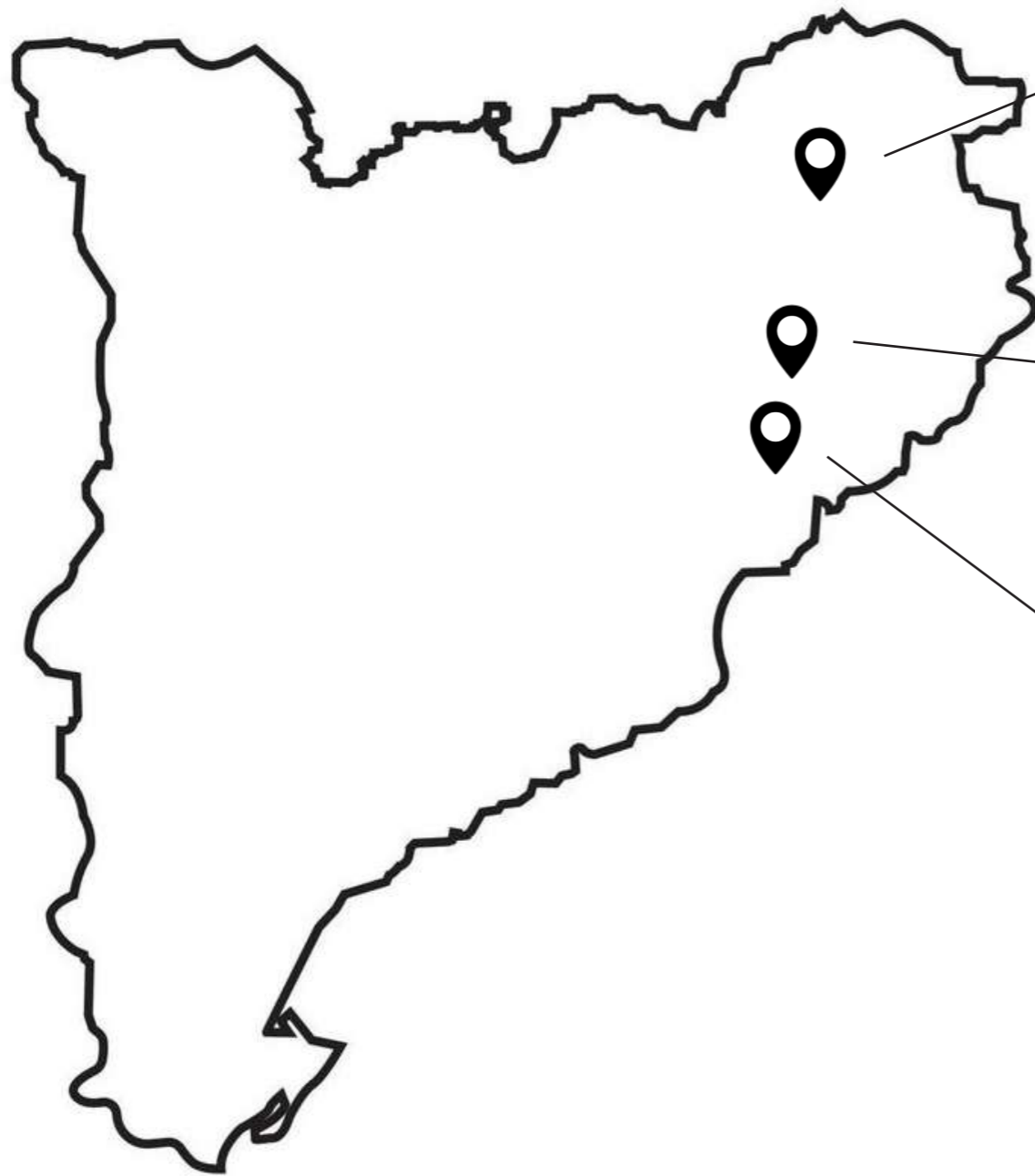
So, while global production has its perks, going local is often smarter for the planet and local economies.



**MADE IN SPAIN**

# Our yarn and fabric manufacturing

All the processes from the shredding to the weaving occur entirely in Catalonia, Spain.



# Our climate impact so far

SORTIDA →



**In 2018, 17 million tons of textile waste ended up into landfill. Some of it can be recycled industrially, but another solution to this problem is upcycling. When we reuse jeans in the specialized workshop, we give jeans a new life and prevent the material from ending up into**

Every year, approximately 5 billion jeans are produced worldwide. Around 7.5 million tons of textile waste are generated each year in Europe. Less than 1% of textile waste is recycled to produce new garments. In 2018, 17 million tons of textile waste ended up into landfill. Some of it can be recycled industrially, but another solution to this problem is upcycling; our first step into tackling textile waste.

Producing a typical pair of jeans uses about 7,570 liters of water. Recycling just one pair of jeans can save up to 3,000 liters of water. It also reduces the amount of waste going into landfill, and it cuts down on pollution from dyeing and manufacturing processes. That is why our yarns and fabrics have a big positive impact and we try to recycle as much as we can!

We also carefully choose to use organic cotton for a capsule of our collection, which uses 91% less water compared to non-organic cotton. Organic cotton is grown without synthetic pesticides or fertilizers, which makes it better for the environment and the people who grow it.



**35,834 km  
in car saved**

Our collections since 2020 have saved approximately 82,417.5 kg of CO<sub>2</sub>.



**189,188  
showers saved**

Our collections since 2020 have saved approximately 10,405,327.5 liters of water.



**3 trash trucks  
of waste saved**

Since 2015, we have recycled approximately over 30 tons of jeans.



# Our working conditions

In the 3P's (People, Planet, Profit), the 'people' part is also very important for sustainable growth. It means having a happy, diverse team that cares about sustainability. When employees feel valued and spread the word about sustainability, it shares the company its values.



## Ethical Labor Practices

We prioritize fair wages, safe working conditions, and respectful treatment of employees throughout the whole product cycle.



## Safe Workplace Environment

Ensuring employee safety is a top priority, implementing measures to prevent accidents and provide necessary safety equipment and training.



## Fair Compensation and Benefits

Employees receive fair wages, along with benefits such as healthcare and paid leave, sharing our commitment to supporting its workforce.



## Community Engagement

Our company engages with local communities. We empower women from vulnerable backgrounds, providing them employment opportunities.



# Sustainability Development Goals

A set of 17 global goals made by the United Nations in 2015 to address global challenges such as poverty, inequality, climate change, and environmental degradation by 2030.



We own a specialized workshop in textile waste handling. In collaboration with our non-profit Back to Eco, we provide citizen laboratories for innovation, workshops and conferences in our Infinit Denim store where we share our knowledge open to the public, easy to do, and circular.



By using post-consumer textiles the production of new fibers is minimized to the maximum, saving 100% water. It gets prevented from going into landfill, where the decomposition of these fibers contaminates water and soil. Also, our yarns and fabrics save water by using recycled fibers instead of virgin fibers.



We provide traceable processes and transparency from waste management to final packaging. Using innovative methods and building a strong, eco-friendly infrastructure.



We seek to generate a positive social impact through eco-social and community projects, promoting the inclusion of different social groups. We empower women from vulnerable backgrounds, providing them employment opportunities.



We educate consumers so they know how to purchase sustainable fashion of good quality. We are committed to providing high-quality products and services that are durable and repairable.



By recycling over 30 tons of textile waste, we ensure material traceability and promoting awareness, we minimize environmental impact. Our fabrics are biodegradable and plastic-free. We want to only produce what is necessary and focus on made-to-order items.



We work with customers' waste and collaborate with waste handlers and textile sector companies in Catalonia to recirculate waste. We have partnerships with LEVI's Spain and local textile recycling centers to later transform post- and pre-consumer jeans into new yarns and fabrics.



# Impact reduction

## **Sustainability goals towards the future**

Our goal in the future is to have 100% recycled fabric, constant innovation, and to have the most sustainable, circular and innovative items possible. We want to eliminate the amount of textile waste from the fashion industry, as well as to reduce its effects on the environment. For now, we choose to do denim tailoring since other options are either not possible for us due to the costs involved or only available in large quantities.

The last year, we reduced the amount of recycled fibers on our fabrics to focus on innovating with different cellulosic fibers to obtain different results in the fabrics. In the future we like to focus more on increasing the amount of recycled fibers over 65%.

We also want to continue sharing our knowledge with other companies through consultancy and selling our innovative materials. Because we believe that by working together we can achieve a more circular fashion industry.

## Reflections on 2023

Infini Denim's DNA is providing circular and innovative products and materials, pioneering within the fashion industry. We like to set a positive impact example for others to follow, demonstrating that fashion and circularity can indeed go hand in hand.

However, there is always room for improvement. It's essential for us to maintain transparency and accountability regarding our sustainability claims. We can do this in the future via regular audits and certifications from third-party organizations can give consumers assurance regarding our environmental and social impact.

In 2023, we ended up with extra stock in our warehouse. We offered discounts, hoping they would find new homes. For the next years, we want to focus more on our made-to-order products to avoid overproduction.


**Follow our progress throughout the years as we continue to share our sustainable journey on our platforms:**

 <https://infini denim.com>

 <https://www.instagram.com/infini denim/>

 <https://www.linkedin.com/company/infini denim/>

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