

Sustainability Report





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## **CEO** Message

Dear friends, customers, suppliers, and members of the Jeanologia family,

At Jeanologia, we strive not to be the largest or the best company in the word, but rather to be "the best company for the word".

While knowledge and acctitude are importan, they are not enough. Future success depends on our values. Our social responsibility is to improve our world and carefully measure the ethical and environmental impact we have on it. For us, business is not just about generating profit or progress—it must also be a force for good.

With a multidisciplinary team of fashion experts and technologists, we work passionately every day to transform the textile industry and redefine how jeans and textiles are produced. We firmly believe that only organizations providing sustainable solutions to address environmental challenges will thrive. Above all, our primary commitments are to ethics, people, and the environment. Our planet is our "shared home."

This transformation is founded on three principles: talent, technology, and values. The opportunities for improvement are immense, and we believe change will occur swiftly. However, we recognize that sustainable growth is just as crucial as innovation, and we are confident that the best is yet to come.

Finally, on behalf of the entire Jeanologia family, I want to express my heartfelt gratitude to all our customers and business partners for trusting in our products, services, and concepts. You are, without a doubt, a vital part of our social commitment.

Warm regards,

#### **Enrique Silla**

Jeanologia\*



About Jeanologia

## **Reporting Standards**

In preparing this sustainability report, we have aligned our efforts with internationally recognized standards to ensure transparency, accountability, and integrity in communicating our commitments and achievements. Sustainability is at the core of our mission, and we continuously strive to implement responsible practices that reduce our environmental footprint while creating positive social and economic impacts.

We base our approach on the United Nations Sustainable Development Goals (SDGs) and the Global Reporting Initiative (GRI) Standards, which provide comprehensive frameworks for evaluating and improving our sustainability performance. These frameworks allow us to systematically address key aspects such as water and energy efficiency, emissions reduction, waste management, and the broader social impact of our technologies.



By adhering to globally recognized standards and prioritizing innovation, we are committed to leading the transformation of the textile industry towards a more sustainable future. This report reflects our ongoing efforts to contribute to the broader global sustainability agenda while ensuring that our business continues to grow responsibly, ethically, and with a long-term vision for positive impact.

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Jeanologia's Sustainability Report 2023

## About Jeanologia







#### **OUR ROOTS**

Jeanologia was founded in 1994 by José Vidal and his nephew Enrique Silla, driven by a shared belief in the power of innovation and human values to bring meaningful change to the textile industry. From the very beginning, our goal was clear: to create a business model that blends technological advancement with sustainability and ethics, reshaping how textiles are produced.

Initially focused on consultancy and denim finishing, we gained a deep understanding of the challenges facing the industry. However, we soon realized that offering advice alone was insufficient. We had to create practical, scalable solutions to address the environmental and social issues embedded in traditional production methods.

This realization marked a turning point in our journey, making us to develop disruptive technologies that prioritize efficiency, sustainability, and the wellbeing of workers. Our work is rooted in transforming traditional practices into



eco-efficient solutions that benefit both businesses and the planet.

Through our pioneering solutions help brands reduce their environmental footprint while improving their bottom line. Our work is not just about creating products; it's about creating a legacy that demonstrates that environmental responsibility and economic success can coexist harmoniously.

Since then, Jeanologia has evolved into a leader in sustainable textile innovation. Our commitment to reducing water and energy consumption, eliminating harmful emissions, and achieving zero contamination has become our core mission.

Our journey is one of continuous evolution. Even much has changed since 1994, our core values remain unwavering. We continue to challenge the status quo, foster meaningful partnerships, and develop technologies that lead the way to a better future for all.









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#### About Jeanologia

#### **OUR MISSION:**

#### **BEST COMPANY FOR THE WORLD**

The fashion industry has long been a significant contributor to environmental pollution, and its impact continues to grow more concerning as we move through 2023. With a global presence, the industry remains under increasing attention for its substantial resource consumption and waste generation.

#### Water Consumption

In terms of resource consumption, the production of garments demands uses quantities of water. It takes around 9,000 liters of water to produce a single pair of jeans, equivalent to the amount one person would drink over seven years. Additionally, the dyeing process, a critical step in textile manufacturing, accounts for about 20% of global industrial water pollution.

#### Toxic Chemicals Usage

The textile industry uses a wide range of chemicals, including dyes, bleaches, and resins, which are essential for manufacturing and finishing fabrics. However, many of these chemicals, such as heavy metals and toxic dyes, are released into waterways during production, causing severe water pollution. This pollution harms aquatic life, disrupting ecosystems and threatening the health of communities reliant on clean wate

#### **Carbon Emissions**

The industry is responsible for approximately 10% of global carbon emissions, making it one of the largest contributors to climate change. This high level of emissions primarily

stems from energy-intensive manufacturing processes, transportation, and the use of synthetic materials derived from fossil fuels. The production of textiles, especially synthetic fibers like polyester, is particularly harmful, as it requires significant energy and releases greenhouse gases. As a result, the fashion industry's carbon footprint continues to grow, urging the need for sustainable practices and reduced emissions across the entire supply chain.







#### **Microfibers**

An increasingly alarming issue tied to fashion production is microfibre pollution. When synthetic garments are washed, tiny plastic fibres are released, which can enter oceans and rivers. It is estimated that around 500,000 tons of microfibres are released into the oceans annually, significantly contributing to the growing microplastic crisis. These microfibres, often smaller than a grain of rice, pose a threat to marine life and ecosystems, as they are ingested by aquatic organisms and subsequently enter the food chain, ultimately impacting human health as well.

Jeanologia has developed disruptive technologies for the textile finishing process that address the significant environmental and social challenges faced by the fashion industry. Our objective is to become the **technological partner for our customers**, guiding them through their transformation journey and adding value at every stage of the process.

#### Our mission is to create an ethical, sustainable, and eco-efficient textile & apparel industry

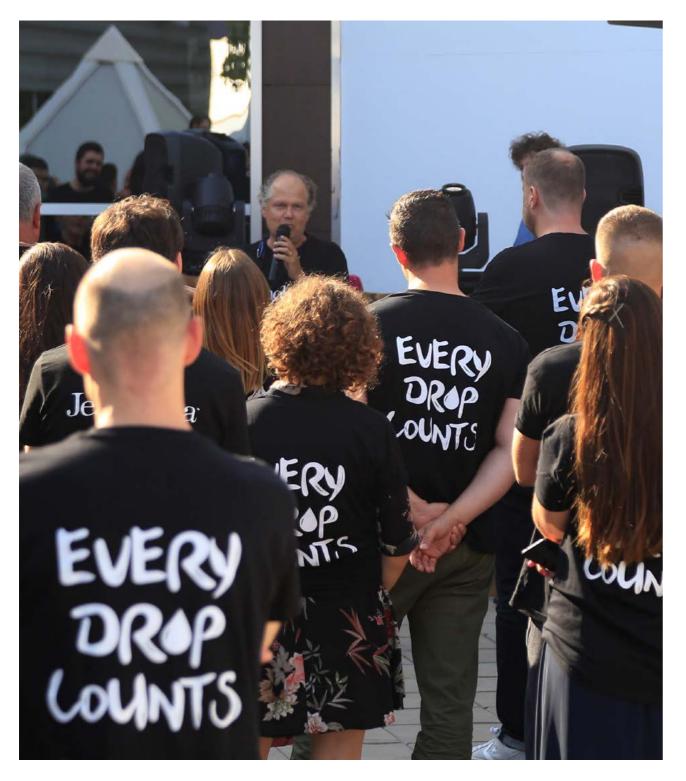


#### About Jeanologia

## **OUR VISION: BUSINESS AS A FORCE FOR GOOD**

We believe business has the power to transform the world. A new way of doing business exists, where the ultimate goal is not just financial profit.

Our vision is to be a transformative force, creating a positive impact on society. Our values are clearly defined in our BLUE BOOK.



We aim to be the best company for the world

# BLUE BOOK



Be authentic, optimistic, creative, and rebellious.



We are a bridge connecting people and ideas.



We are both fashionistas and technocrats.









## We are a value-driven organization

Jeanologia's Sustainability Report 2023



There can be no improvement without measurement.

That is why, at Jeanologia, we carefully analyze and quantify the amount of polluted water in m<sup>3</sup> and CO<sub>2</sub> emissions we save in comparison to traditional textile finishing processes.

### How do we measure?

Our machines' savings are calculated based on reductions in water and energy consumption by comparing conventional methods vs. our machines' optimized methods.

The key metrics used in our calculations include:

Water and Energy Consumption Per Garment

Each process (e.g., softening, enzyme washing, stone washing) has a standard water and energy consumption value.

We compare the conventional process to our machine's optimized process to determine the liters of water and kilowatt-hours (kWh) of energy saved per garment.

**Comparative Process Analysis** 

We evaluate different washing and dyeing processes (e.g., enzyme wash, rinse wash, reactive dyeing) to quantify their respective savings.

#### Daily, Monthly, and Annual Savings

Once we calculate the savings per garment, we scale up based on daily production numbers to estimate savings per day, month, and year.

#### **Machine Efficiency Factors**

Each machine type has a production capacity and an energy/ water correction factor, which helps adjust calculations for different machine models.

# Jeanologia® In 2023, thanks to the use of our

technologies worldwide, we saved:



Very first company to have an ecological results report.

# 20,265,581 m<sup>3</sup> of polluted water

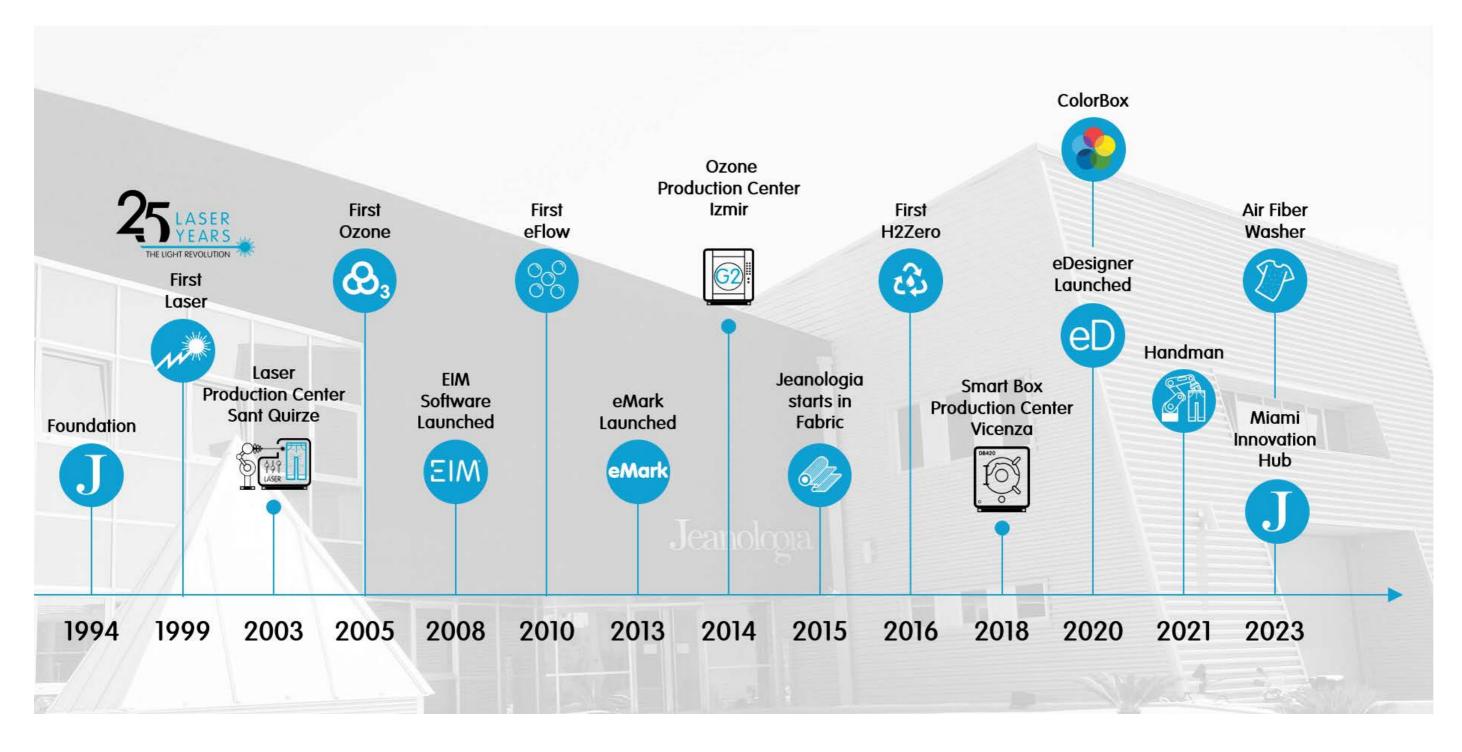
## 97,895,304 kg of CO<sub>2</sub>

10logia's Sustainability Report 2023

### LANDMARK CALENDAR

Since its founding, Jeanologia has been committed to invest in innovation and R&D, developing technologies that continuously reduce CO<sub>2</sub> emissions and resource consumption in the textile industry. Comitted from our fisrt laser in 1999 to our newest Air Fiber tecnology.

In addition to these advancements, we are heavily investing in software solutions to enhance measurement capabilities and improve machine connectivity. This focus on digitalization aligns with the broader transformation of the industry, driving efficiency, sustainability, and smarter production processes.



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### **OUR PHILOSOPHY:** THE BEST IN SERVICE

Jeanologia has expanded globally by combining the precision and service quality of a multinational with the flexibility and personalized approach of a local business. Our commitment to delivering exceptional service has fostered strong client loyalty, enabling us to build lasting relationships across different markets.

Rather than offering one-time solutions, we establish long-term partnerships, positioning ourselves as technological allies who actively contribute to our clients' success. By adding value at every stage of their operations, we create an interconnected network of innovation and trust.

This collaborative approach has been a key driver in our international growth, allowing us to adapt to a diverse industries and markets while maintaining our core commitment to sustainability and technological excellence.







Jeanologia is

**GloCal** 





## **INTERNATIONAL PRESENCE, MULTICULTURAL SPIRIT**

Jeanologia's global presence reflects our desire to be close to our clients and our local teams.

Presence in 72 countries	+4800 mach worldwic
Valencia	Barcelona
Headquarters	Laser Manufacturin
65 Jeanologists	22 Jeanologists
Izmir	Miami
Ozone Manufacturing	Innovation Hub
23 Jeanologists	5 Jeanologists
Dhaka	Campinas
Service	Service
13 Jeanologists	6 Jeanologists



hines de

#### 995 clients

#### Vicenza

ng

SmartBox Manufacturing

**19 Jeanologists** 

### Mexico

Service

**10 Jeanologists** 

### **Other locations**

Service

**35 Jeanologists** 

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Creating **A Positive Impact** Through Technology

#### Creating A Positive Impact Through Technology

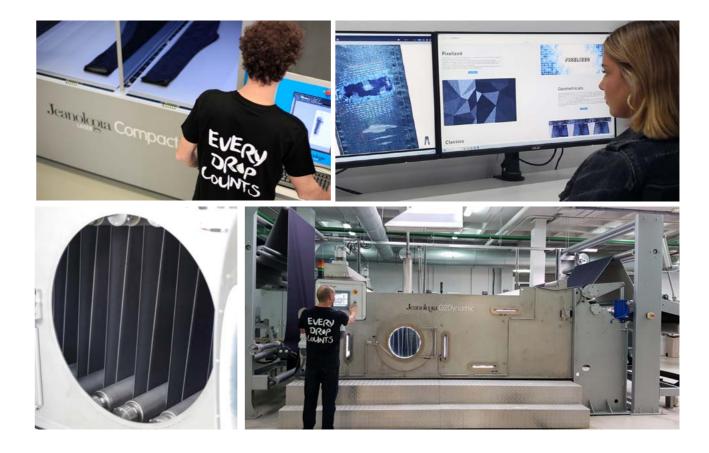
### INNOVATION

From the original idea to the final product, the following requirements must be fullfilled:

- 1. Solving an ecological problem and therefore reduce water, energy consumption, and use of safer chemistry. EIM software measures these variables to support decisions.
- 2. Solving an ethical problem. Eliminating manual operation and hazardous chemicals with a huge negative impact on worker health.
- **3.** Be economically efficient without increasing product manufacturing cost to be rapidly adopted. New technologies, processes or services will be only launched if we can achieve the perfect product at a neutral cost.
- **4.** Being disruptive, and in consequence allowing real improvement. We do not want the current model to improve by 10%, but the industry to be 10 times better.

### **TECHNOLOGY PARTNERS: NEW OPERATIONALS MODELS**

Jeanologia present a new operational model focused on sustainability, creativity and digitalization that transform completely the way jeans are created and manufactured. The integration of Jeanologia technologies Laser, G2 ozone, eFlow, Smart Boxes and H2 Zero, and innovative software eDesigner, EIM allow us to produce on demand, improving manufacturing costs and significantly reducing the time to market of new products.



Jeanologia's Sustainability Report 2023

# laundry 5.zer/

SUSTAINABILITY

People and

Planet first

Jeanologia has introduced a new concept for a finishing denim plant that guarantees ZERO waste. We commit to eliminate traditional practices that negatively impact both people and the planet.

Zero discharge: We eliminate harmful waste and emissions because ZERO means ZERO.

No more manual scraping and grinding: We implement Light Scraper, reducing physical effort and improving efficiency.

End of Potassium Permanganate Spray: With Light PP Spray, we say goodbye to this harsh chemical.

No more pumice stones: Thanks to Light Stoner and Stone Flow, we leave behind resource-depleting processes.

No toxic substances: We strictly apply the Manufacturing Restricted Substances List, putting an end to hazardous production.

1-11

SIMPLICITY

Access to

fabric testing

SCALABILITY

From Testing

to Production

SPEED

On market

penetration



# engineering center

An automated center that integrates disruptive technologies and innovative software to transform jean production and delivery, minimizing lead times.

Our new operational model is centered around the digital production era and empowers clients with on-demand manufacturing facilities located close to their customers.

This concept revolutionizes the industry by significantly reducing CO2 emissions and energy consumption, breaking away from the traditional offshoring model

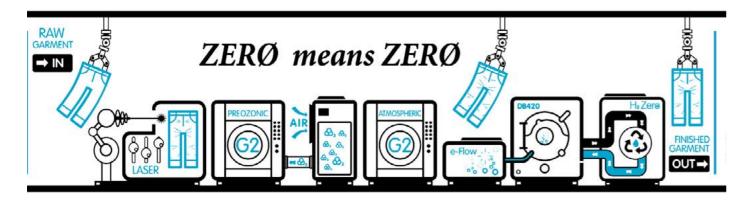


COST NEUTRAL

Democratize

sustainability

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#### **Garment Solutions:**

Laser:

Laser has revolutionized the jeans industry by eliminating harmful processes for workers, reducing operational cost. Now it is entirely possible to perfectly replicate vintage looks using laser technology while maintaining authentic looks. Substitutes sandblast, chemical spray and manual applications, reducing costs, and lowering environmental impact.





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#### G2 Ozone:

G2 Ozone, instead of using traditional water washing machines, uses AIR Washing machines.

G2 takes the air of the atmosphere, extract the oxygen, and use it to create ozone gas. The ozone will be applied to the garments for cleaning and fade down the color, creating a vintage and stone wash effect without using, water, stones and chemicals.





e-Flow:

e-Flow technology is based on nanobubbles of air that act as a carrier to transmit the optimal quantity of chemicals into a garment with a minimal quantity of water and zero discharge.

#### Smartbox:

SmartBoxes are high speed water saving washing machines that reduce the water, chemicals and energy use in textile and apparel industry.



#### H2Zero:

H2Zero is a water treatment technology that leaves water in optimal conditions for its reuse in washing finishing processes without the need of chemicals. H2Zero means ZERØ discharge and ZERØ waste.

Compact and adaptable, H2Zero can be installed on any machines, ensuring no water sis waterd during the process.

#### Creating A Positive Impact Through Technology





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### A STEP AHEAD: **COLOR SOLUTIONS**

ColorBox:

After 5 years of working and investing in R&D. We are transforming the way we add color to garments, aiming to reduce its environmental impact while ensuring the right color.

Jeanologia not only adds CHROMA to the textile material but also ages it. This solutions can be used in all kinds of products and prepared fro knits and delicate garments. Whit a lot of customization possibilities.

Color Box's spinning technology includes a patented balancing system with a dynamic sensor for a recise water injection in the blades.

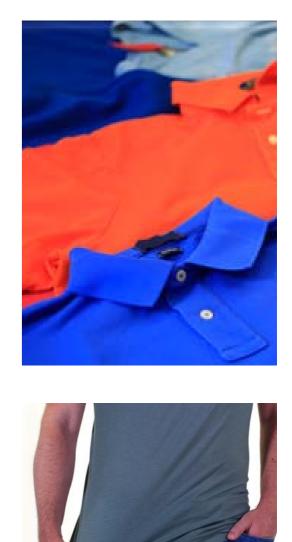
With a full ranfe of lab, semi-industrial and production machines, we feet any production capacity needs.







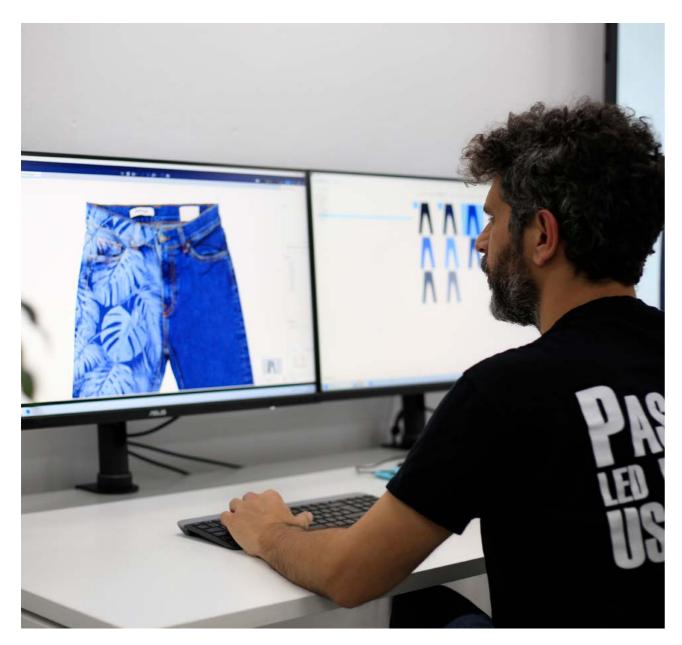




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#### **Software Solutions:**

In Jeanologia we develop state-of-the-art software that operates hardware efficiently, helps control and manage production, digitalizes product design, and measures environmental impact.



eDesigner:

eDesigner has been developed and

customized exclusively for Jeans' creation.

with wash developers, and brands

with manufacturers. Simplifying the design process, digitalizing

collections, and standardizing the

laser process in production.





eData



#### EIM

The Environmental Impact Measurement (EIM), is a unique and powerful platform developed to monitor environmental impact of garment finishing processes in an efficient and economically viable way.





YOUR PRODUCT IS A REFLECTION OF YOUR IDENTITY

Garment weight Reg: 0.5 Process time: 3h 37' 54s	Water ((/garment) Calculated Effective 12.4 1.24 RenewableWater 90%	Energy (KMH/gorment) Calculated Effective 1.2 1.2 RenewableEnergy 0% Carbon footprint (VigCO2/gorment) 0.53	Chemical's Breakdown ZDHC Conformance 1995. With SC Score 289, 294.	Worker Impor
EIM ENVIRONMENTAL IMPACT	Process Name:	ATMOS PROCESS		
SCORE SCORE Inveshold: Low Impact	Water Impact (//rg of garmant) 2.48	Energy Impact (kwh/kg of garment) 2.4	Chemical Impact (garmont) 33	Worker Impo (garmant) 5
S 0 - 33 S 34 - 66 C 156				

eData	collects	real-time	production	data	from
Jeanolo	ogia's t	echnologies	. This	appli	cation
increas	ses proc	uctivity an	d improves	produ	uction
plannir	ng throug	gh the explo	oitation of da	ita.	

MTMOS PROCESS

Jeanologia's Sustainability Report 2023

## **Our Core Values: Commited To Planet**



#### SUSTAINABLE JOURNEY

Our target is the **product**, and **sustainability** is the path we take to achieve it.

Environmental and social responsibility are deeply embedded in our DNA. For years, we have pursued a sustainable journey centered around four P's:



We believe in empowering **People** by fostering a safe and ethical work environment. We are committed to protect our Planet by reducing our carbon footprint and promoting responsible resource management. We drive **Profit** by creating long-term value for our stakeholders through sustainable business practices and continuous improvement. Through our **Product** development, we ensure that every material, design, and production process is focused on durability, efficiency, and environmental responsibility.



Since 1994 our company mission has been to create an ethical, sustainable and eco-efficient textile & apparel industry, through **disruptive technology** and know-how.

As a further step in our commitment to the planet, we present our initiative MISSION ZERO with a clear goal

To achieve the textile industry's dehydration and detoxification. To eliminate 100% of waste and pollution in global jeans production.

## **DEHYDRATION & DETOXIFICATION**

No more water or toxic chemicals used in a single pair of jeans around the world. In 2030, all jeans in the world could be detoxified and 100% water free thanks to Jeanologia's technology.

#### We invite the denim community to join forces in making jeans an icon of rebellion and freedom.

Together, we can revolutionize the denim industry. Let's make every pair of jeans a symbol of change.

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### **BEST TOOL FOR THE INDUSTRY:** NO MEASUREMENT, **NO IMPROVEMENT**

Jeanologia has developed EIM, a unique and powerful platform designed to measure the environmental impact of finishing formulas. It serves as an assessment tool aimed at enhancing the environmental performance of garment finishing during the manufacturing stage. As the first environmental measurement software specifically developed for the garment finishing industry, EIM sets a new standard for sustainable practices.









Denim

#### Garment Wash

Classify the process depending on the EIM score



#### EIM assesses the garment impact in four different categories.

The software does an individal assessment of each garment due to its unique combination of operations depending on the fabriche final look and even the production facilities.



Water Consumption l/kg of garment

Calculated Water is the water required to finish one garment. Effective Water is the water used to finish one garment counting renewables. Water Impact is calculated from the Effective water used and the garment weight.



**Chemical Impact** 

Every chemical given an EIM CIs (Chemical Impact Score) according to its ZDHC MRSL conformance level, hazard assesment, and if the chemical has Screen Chemistry.



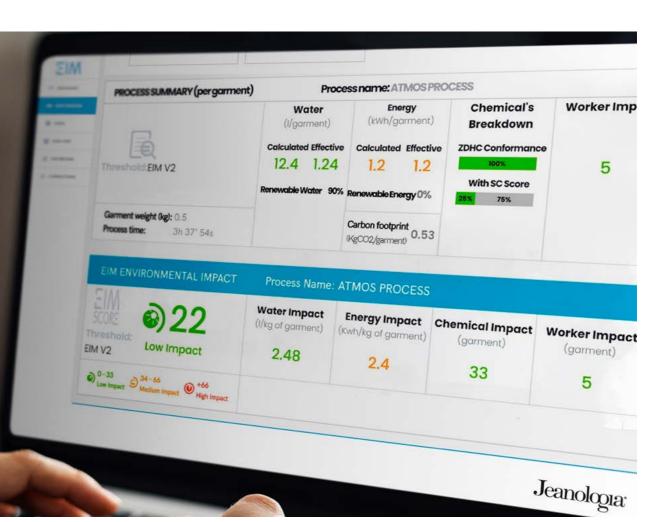
**Energy Consumption** kW.h/kg of garments

Energy is the water Calculated required to finish one garment. Effective Enery is the water used to finish one garment counting renewables. Energy Impact is calculated from the Effective water used and the garment weight.



#### Workers' health

Worker Impact measures the impact on the worker health of the manual operations that they are doing to finish one garment.



We help our clients to be transparent and engage with their consumer



Garment Dye





## **EIM Dashboard: Data Management**

The dashboard enables our EIM users to summuraize and analyze all the processes that they have within the platform. Not only this but also being able to define and monitor short and long-term objetives, driving actions towards a finishing environmental footprint reduction.

- **ANALYZE DATABASE PROCESS DATA** •
- **VISUALIZE PROGRESS** •
- **IDENTIFY IMPROVEMENT AND OPPORTUNITIES** •

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### **Succes Cases** Who is using EIM?

Thanks to EIM, our clients can transparently showcase the environmental impact of their clothing with a visible EIM Score Label. This label not only keeps consumers informed about the sustainability of their purchases but also encourages brands to continuously improve their processes and strive for more responsible and eco-friendly garment production. This approach not only builds consumer trust but also strengthens the industry's collective effort toward a greener future.

Leading international companies such as Mango, Guess, and Springfield have placed their trust in EIM.







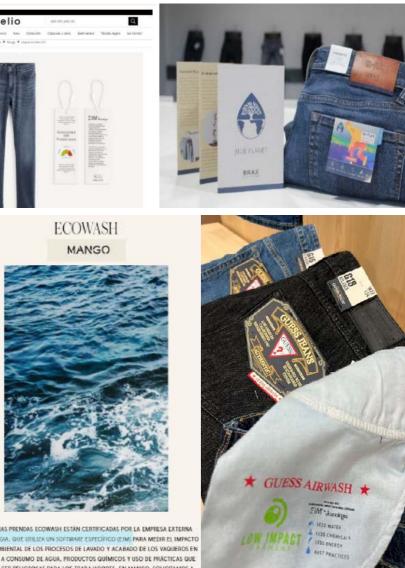
NON CHEMICALS HAZARDS

ETHICAL PRODUCTION





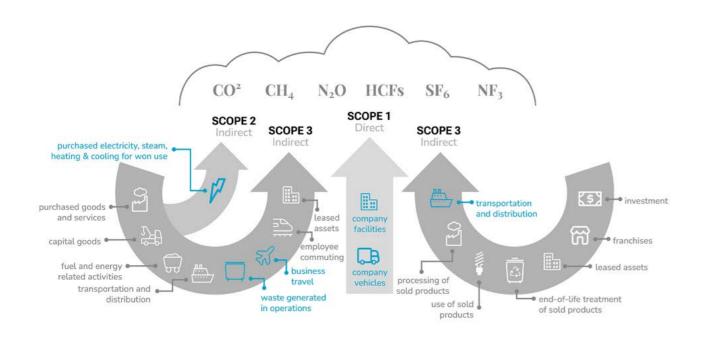




PUEDEN SER PELIGROSAS PARA LOS TRABAJADORES. EN MANGO, SOLICITAMOS A

#### **CARBON FOOTPRINT**

As part of our dedication to environmental stewardship, we have conducted a comprehensive assessment of our greenhouse gas (GHG) emissions, spanning Scope 1, Scope 2, and selected Scope 3 emissions. This effort reflects our commitment to understanding and mitigating our environmental impact.



- **Scope 1 Emissions:** We measured the direct emissions generated by fuel combustion in our company-operated facilities and vehicles.
- **Scope 2 Emissions:** We analyzed emissions from the generation of purchased energy, including electricity, heating, and cooling used in our operations.
- Scope 3 Emissions: Recognizing the importance of our value chain, we extended our analysis to include upstream activities such as business travel, transportation, distribution, and waste management. These areas significantly contribute to our overall carbon footprint.

By understanding these sources, we are better equipped to set ambitious reduction targets and lead the way in sustainable innovation.



#### Our CO2 emissions:

Thanks to our photovoltaic energy production and the integration of electric vehicles in Spain in 2022, we are steadily reducing our emissions each year (Scope 1). Diesel is only used at our production center in Italy, and we continuously strive to minimize chemical consumption during our testing processes.

All energy purchased in Spain comes from renewable sources (Scope 2), and we are working to extend this practice across all our subsidiaries. In terms of Scope 3, we are focused on reducing business travel and optimizing logistics efficiency, while also remaining committed to waste reduction.

		2022	2023
Scope 1	GRI	Tons. Co2	Tons. Co2
Generation of electricity	305-1	0	0
Heating/ Gasoil	305-1	6,5	3.53
Transportation (Owned by the company)	305-1	85,9	69.21
Chemicals (used for our activity)	305-1	2,56	3.10
Water		1,67	2.2

Scope 2	GRI	Tons. Co2	Tons. Co
Energy bought to another entity	305-2	29.86	29.05

Scope 3	GRI	Tons. Co2	Tons. Co
Waste generated in Operations	306	0.44	0.229
Business Travel (Air travel+car rent)	305-3	405	672
Dowsntream Trasportation and Distribution	305-3	420	166.45

**Electricity Heating:** Zero emissions from photovoltaic energy production, with a 90% increase since 2021 due to the SQV plant installation. **Diesel:** Consumption decreased

in 2023 due to better facility and heating management.

**Chemicals**: Consumption increased in 2022 after low activity in 2021, with a smaller rise in 2023. **Water Consumption**: Significant increase in 2023 with the return to normal activity.

**o2** 

**Energy purchases** decreased by 38% in 2023 due to reduced production and 100% renewable energy in Spain and Italy.

**o2** 

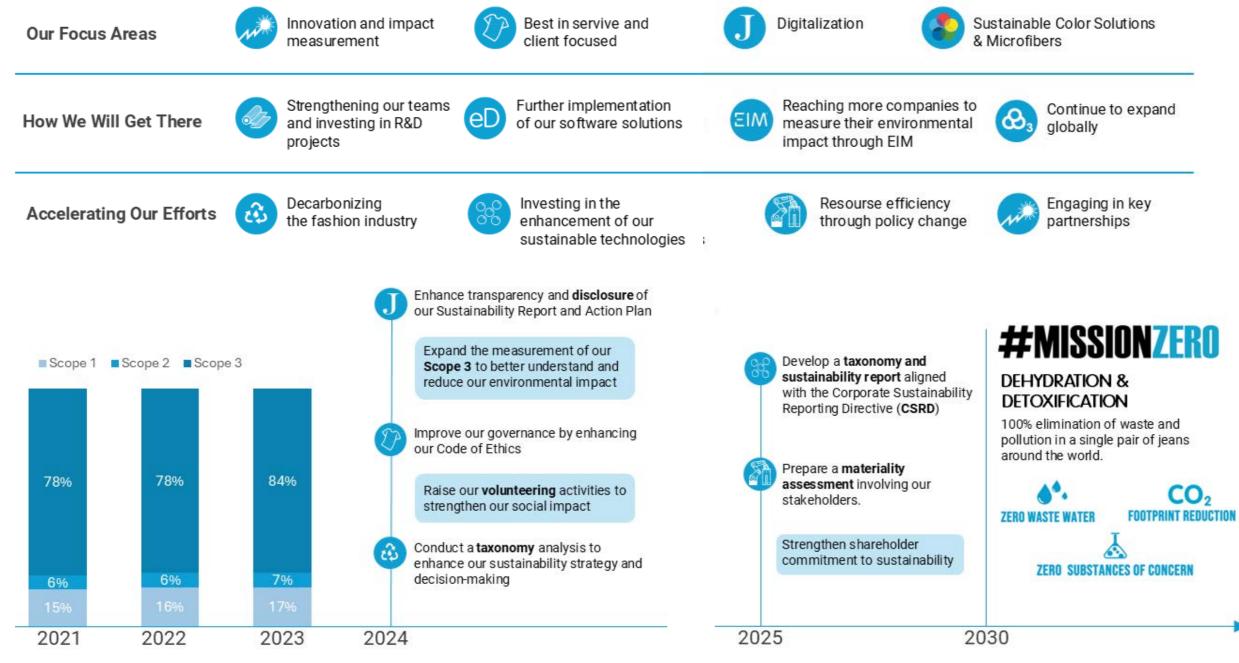
Waste: 2023 is the first year with complete waste data; other locations are managed by local municipalities.

**Business Travel:** 2023 data is more comprehensive, reflecting a return to normal travel levels.

**Downstream** Transportation: A significant reduction in this category, reflecting a decrease in revenue from 2021 to 2023.



## **Our Challenges** and Sustainability Approach



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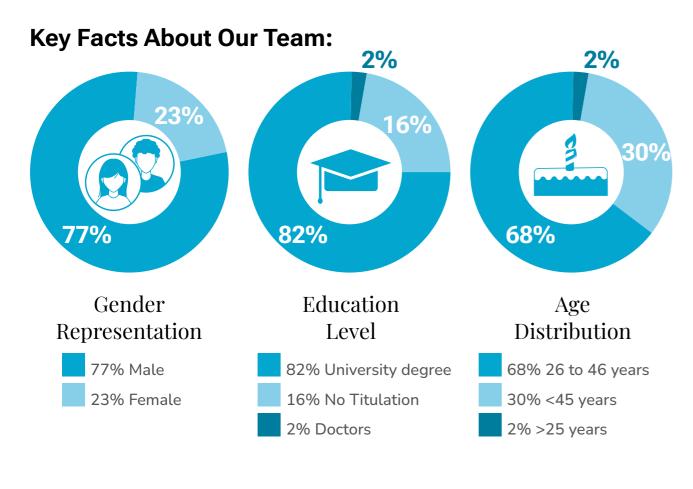
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Jeanologia's Sustainability Report 2023

## **Our Values: Commited To People**

### **OUR TEAM**

Being a Jeanologist is a question of identity. At Jeanologia, we approach challenges differently, driven by a shared vision and passion. Together, we bring soul and life to our work.





Spain 106 Brazil 6 Turkey 21 China 14 Italy 14 Mexico 5 Pakistan 8 Bangladesh 11

Tunisia, Indonesia, Taiwan, India, Malaysia, England, Serbia, Moldova, France, Czech Rep., Egypt, Israel, Venezuela, Romania, Singapore, Argentina, Mauritius, Vietnam, Colombia, Japan.























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## 1+1 POLICY

We aren't satisfied with only transforming the textile industry and directing our business development towards the world's improvement. We want much more than that! We want to be part of the environment transformation, to support the communities we live within, to get involved in the big challenges of our time, to help both and learn from the people surrounding us, to give back to the society part of what we're receiving.

For this purpose, we created our 1+1 program!

- By means of this program, 1% of our benefits is allocated to institutions in which we trust in order for them to develop social projects. This way, we build with them strong and long-term relationships.
- We also encourage our Jeanologist to dedicate 1% of their working time to personally collaborate with this social projects. How? We can enjoy an extra week of holidays (or the weekly/monthly equivalent time) for carrying out any kind of volunteering work!

#### PEOPLE AND PLANET BEFORE PROFIT



## **Improving Lives in Burkina Faso**

Burkina Faso ranks 182nd out of 189 countries on the Human Development Index. Its capital, Ouagadougou, is home to Rimkieta, one of its poorest neighborhoods. In 2004, our friends at FAR began their work there. Jeanologia and FAR share a deep connection—we have one of our co-founders in common—and from the very beginning, we have worked closely together. This has been our main project and the one we are most proud of.

Today, after almost 20 years of hard work and efforts, the lives of families in the Rimkieta neighborhood have improved tremendously. The achievements are truly incredible!













### **YEARLY ACHIEVEMENTS** (Data 2023)

**1.** 22.000 Liters/day 3 WATER WELLS





2 KINDERGARTEN



LITERACY boys, girls, and mothers



& 13 **SCHOLARSHIPS** 





26 **EMPLOYED IN** THE VEGETABLE PATCH



### **Collaboration With Asindown**

Since 2013, we have collaborated with Asindown to support the inclusion of people with Down syndrome in education, work, and society. Their example inspires us to embrace diversity and learn from each other's unique abilities. Together, we work towards creating meaningful opportunities and making dreams come true.

We have learned from our genetical rebel friends that no two people are alike, and that is why we all have very different abilities. Our friends with intellectual "disabilities" teach us to live slowly, to be grateful, to look into people's eyes, to let us surprise, to always put people in the center and be interested in them from our hearts.

### **IESU Communio**

How not to collaborate with this special order of nuns who have decided to show off their habits on denim? We are excited to sponsor the habits of more than 200 nuns since 2011.

This last year we have donated them a nano laser so they can prepare customized and creative products. These products will help to collaborate in their selfsustainability.



### A PARTNERSHIP FOR HUMANITY







17 PARTNERSHIPS FOR THE GOALS

**&** 

"Combining capabilities, we make dreams come true"





### Casa De La Caridad

They have worked for more than 100 years in the care and inclusion of the homeless and people at risk of social exclusion.

They serve more than 500 people daily in their soup kitchens and manage one of the only shelters for homeless in Valencia.

We have been collaborating with them since 2008 and they have recognized us with the "Empresa Valor Oro" distinctive.





#### **1% TIME**

### **Time To Volunteer!**

Being an activist allows us to do our part, learn from the best-the most committed and rebellious-and share their dreams while being inspired by their values: generosity, humility, openness, creative resilience, and greatness of spirit.

At Jeanologia, we encourage this spirit by giving our employees an additional week of paid leave to volunteer in any project where they can make a difference.

### **Engaging With Our Community: Volunteering Opportunities**

At Jeanologia, our commitment to sustainability goes beyond our innovative technologies; it also means actively engaging with our community and supporting causes that align with our values. As part of this commitment, we organize conferences that connect our employees with leaders from various non-governmental organizations (NGOs), showcasing impactful projects where they can volunteer their time and skills.

In 2023, we were honored to host leaders from Fundación Senegal, Fundación Amigos de Rimkieta, and Cáritas Valencia. These organizations shared a wide range of initiatives focusing on education, healthcare, poverty alleviation, and social inclusion. Through these conferences, we had the opportunity to learn firsthand about the challenges faced by communities in need and explore the tangible ways we can contribute to creating positive change.

By facilitating these connections, we not only support the essential work of these organizations but also empower our employees to actively participate in meaningful volunteer opportunities. This initiative embodies our belief that creating a better world goes hand-in-hand with our mission to revolutionize the textile industry through sustainable practices. Together, we continue to foster a culture of social responsibility and community engagement within our company.

















eanologia's Sustainability Report 2023

## **Good Governance**

### **CODE OF ETHICS**

At Jeanologia, our commitment to sustainability is deeply intertwined with our ethical principles, as outlined in our Código de Conducta (Code of Conduct), established in October 2022. This code is not just a set of rules; it is a reflection of our core values that guide every aspect of our operations.

Key Principles Include:

Legal and Ethical Compliance: We adhere to all applicable laws, regulations, and internal policies, ensuring that our business practices are transparent and ethical.

**Respect and Inclusion:** We cultivate a workplace that upholds dignity, equality, and respect. Our zero-tolerance policy towards discrimination, harassment, and bullying ensures a safe and inclusive environment for all employees.

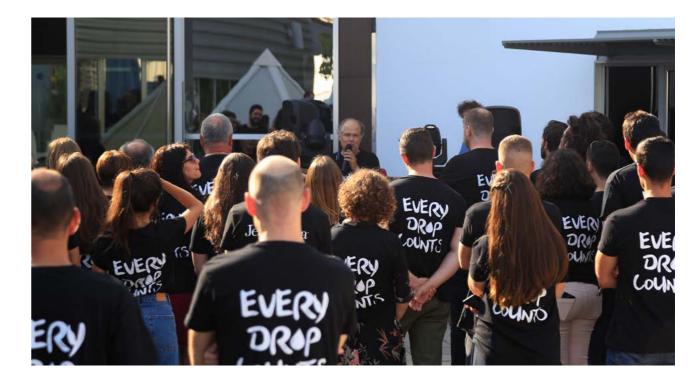
Confidentiality and Privacy: Protecting the privacy of our employees, clients, and partners is central. We enforce strict confidentiality measures to safeguard sensitive information.

Avoidance of Conflicts of Interest: Our employees are expected to act in the best interests of the company, avoiding situations where personal and professional interests might conflict.

Environmental management: Our code underscores the importance of environmental responsibility. We are committed to sustainable practices that minimize our ecological footprint, aligning with our goals of environmental conservation.

Accountability and Reporting: We encourage all employees to take responsibility for their actions and to report any unethical behavior. This open reporting culture fosters transparency and accountability across all levels of the organization.

By embedding these ethical guidelines into our daily operations, Jeanologia reinforces its dedication to ESG through fostering a culture of integrity, respect, and responsibility.



### **GENDER EQUALITY POLICY**

Jeanologia's Equality Plan aims to promote gender equality and create an inclusive work environment through the following key objectives:

- **1.** Ensure Equal Treatment: Implement measures to guarantee equal opportunities and treatment for all employees in recruitment, remuneration, training, career development, and promotions, avoiding gender-based discrimination.
- 2. Integrate Gender Perspective: Embed a gender-sensitive approach across the company's culture to prevent discrimination and sexual harassment and promote organizational values of equality.
- 3. Standardize Equality Criteria: Apply consistent gender equality criteria across all company areas to address gender imbalances, ensure equal access to training, and promote fair recruitment and promotion processes, while using non-sexist language in communications.

#### Specific Goals:

Achieve Balanced Representation: Ensure a balanced representation of men and women in positions where there is detected absence or underrepresentation of women.

Facilitate Work-Life Balance: Support the work-life balance of all employees, considering their individual needs and situations as well as the needs of the company.

Promote Non-Sexist Language: Encourage the use of non-sexist language in both communications and internal documentation within the company.

Prevent Sexual and Gender-Based Harassment: Prevent sexual harassment or harassment based on gender within the organization.

## **Agents Of Change**

#### Stronger together:

#### ADHESION TO THE UN GLOBAL PACT

Jeanologia is part of the solution, but we are not alone in this journey. We shared our vision with thousands of worldwide enterprises. We have the opportunity and at the same time the challenge to fulfill the agenda of Sustainable Development Goals set by the United Nations.

Since 2019, Jeanologia has been member of the United Nations Global Compact, providing an annual Communication of Progress on our efforts towards the Sustainable Development Goals (SDGs). This collaboration has significantly supported us in setting global standards and organizing our data effectively. The Global Compact's guidance has been instrumental in aligning our practices with international benchmarks and enhancing our sustainability reporting.



## **THE GLOBAL GOALS**





Jeanologia's Sustainability Report 2023

#### Agents of Change

C R E 100 D0

CÀTEDRA DE

CULTURA EMPRESARIAL

VNIVER§ITATÖDVALÈNCIA

Sustainable Apparel Coalition

#### CRE100DO

Spanish Companies with the greatest potential in the middle market. We share vision, knowledge, best practices, and experiences.

The network aims to drive the transition to a circular economy by connecting companies, sharing best practices, and fostering innovation.

#### CÀTEDRA DE CULTURA EMPRESARIAL UNIVERSITAT DE VALÈNCIA

As an active member of the CCE we collaborate with the University of Valencia, its professors, and students, together with the best companies in the region, our objective is to promote the entrepreneurial spirit and bring sustainability closer to future professionals.

#### CÁTEDRA UPV MISSION ZERO

Established in 2021, the JEANOLOGIA MISSION ZERO Chair is an essential element of our commitment to sustainability within the textile industry. This initiative is dedicated to advancing innovative and sustainable solutions by providing financial support for research, development, and innovation (R&D) projects. Our goal is to replace traditional manufacturing processes with cutting-edge methods that minimize energy and water consumption and progress towards achieving zero waste.

Beyond supporting research, the Chair also engages with students from the Polytechnic University of Valencia (UPV) through funding for master's and undergraduate theses, organizing Hackathons, and facilitating other outreach activities. These efforts not only foster academic and practical advancements but also contribute to the broader goal of promoting sustainable practices throughout the industry.



#### Sustainable Apparel Coalition

The Sustainable Apparel Coalition (SAC) unites global brands, manufacturers, and stakeholders to drive sustainability in fashion through tools like the Higg Index, promoting transparency, resource efficiency, and social responsibility.



#### **Bangladesh Pact**

The Bangladesh PACT promotes sustainability in the textile industry by improving water and energy efficiency, reducing pollution, and training factories in cleaner production practices to minimize environmental impact.





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Jeanologia's Sustainability Report 2023

#### Agents of Change

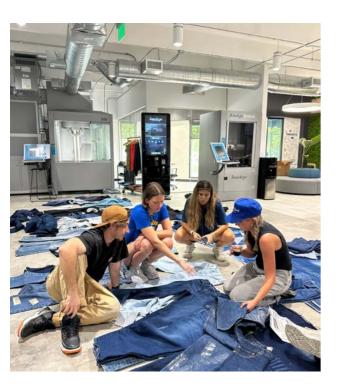


#### Air Fiber Washer

Jeanologia and Inditex's Fiber Air Washer, introduced at ITMA 2023, reduces microfiber shedding by 60% using dynamic airflow and microfiltration, without water or thermal energy. Each machine collects up to 325 kg of microfibers annually, promoting recycling and circularity. The technology is freely available to the industry, reinforcing both companies' sustainability commitments.



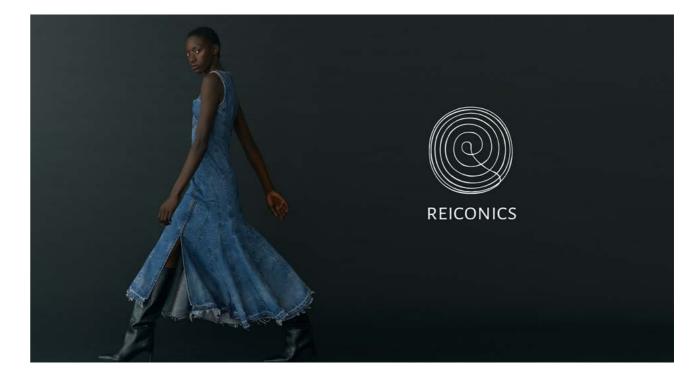




#### Cone Denim & Abercrombie X Jeanologia Miami

A collaboration to enhance and sustainability across the supply chain. Using Cone Denim fabrics and Jeanologia's wash technology, the group designed and developed sustainable garment washes.





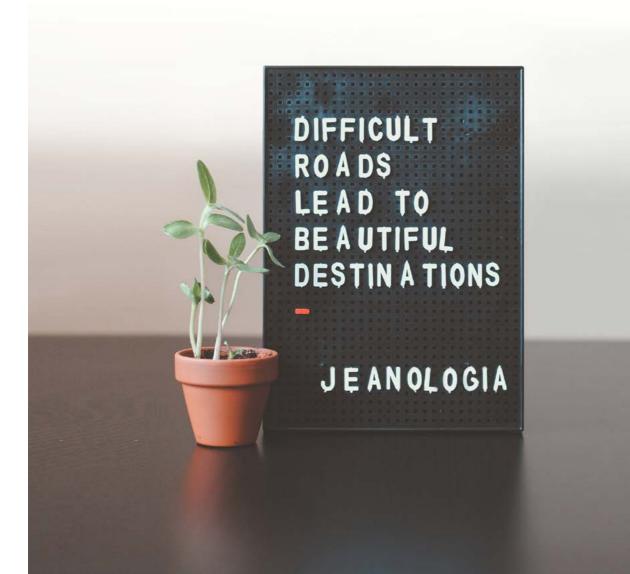
REICONICS: Recover<sup>™</sup> x Evlox x Jeanologia Constantly moving, always better.

REICONICS is a recycled denim capsule collection born from a collaborative project between industry experts Recover<sup>™</sup>, Evlox, and Jeanologia. By combining expertise from each specialist business, the project aims to improve circularity in the denim industry, from fiber to finish.









#### **RAISING AWARENESS**

The more people we work with, the better the world we will build.

As Jeanologists, we collaborate to train the next generation, raise awareness among professionals, educate consumers, and share our expertise with entrepreneurs and industry leaders. By creating personal connections, ecosystems, and alliances, we accelerate the transformation of our world.

#### SHARE OUR VISION, SPREAD OUR SPIRIT, EVANGELIZE OUR SURROUNDINGS

We start with ourselves and our families, becoming active participants in our communities and industry.



Our scholarship program, The School, provides designers with the opportunity to learn the skills and expertise needed to design and produce jeans using Jeanologia's laser technology.

10 editions 47 students 64% still in the industry







Hackathon Mission Zero 2023

Our annual Hackathon fosters innovation and collaboration among students, professionals, and researchers, driving progress toward sustainable solutions.



Jeanologia's Sustainability Report 2023

During 2023, we participated in multiple forums and exhibitions in the textile sector, presenting innovations focused sustainability, digitalisation and on automation, as well as giving a large number of talks and exhibitions to different business and student forums.

Always with the aim of disseminating and making visible the importance and need to transform the textile industry into a more sustainable, but equally efficient model.

These participations reflect Jeanologia's leadership in promoting the sustainable transformation of the global textile industry.









We collaborated with the Museo del Traje in Madrid on the exhibition 'Jeans: From the street to the Ritz'. This exhibition explored the evolution of denim, featuring over 200 pieces, from its utilitarian origins to its rise as a symbol of luxury and haute couture. Jeanologia contributed by highlighting sustainable innovations in denim production, focusing on reducing water and energy consumption and lowering the environmental impact of this iconic fabric.















Jeanologia's Sustainability Report 2023

### **TRADE FAIRS**

We actively participate in trade fairs all around the globe, such as Colombiatex, Kingpins Amsterdam or ITM in Turkey, to showcase our innovations and strengthen industry connections.

In 2023, our presence at the ITMA in Milan, the most important trade fair for the textile production and finishing machinery sector, was particularly noteworthy, where we presented our automated laser technology HANDMAN.



















### **AWARDS**

Our work has been recognized through numerous awards that celebrate our commitment to sustainability and innovation.

2010 - Internationalization Award, Chamber of Commerce of Valencia

2011- SME Awars, Expansión newspaper

2012-WSGN Best Sustianable Design Team, handed over in London by British TV Presenter Brix Smith Start

> 2014-Aster Award 32nd ASTER BEST ENTREPRENEUR (National) 32nd ASTER BEST BUSINESS CARE (Regional)

> > 2016- Innovation Award, La Caixa





2017- Solidarity Award, asindown Fooundation

2017- Award for the most Innovative Compnay, Erns & Young

2018- Award Rey Jaime I, category of "entrepreneur"

2021- Award Woman Planet, category of "Research & Development" by Woman Magazine

Clec Fashion 2023 - Sustainability Category

XXIII Premios Onda Cero - Innovation Category

Premio a la Excelencia Profesional en Responsabilidad Social Corporativa de la Unión Profesional de Valencia





leanologia's Sustainability Report 2023

## Annex

### COMMUNICATION OF PROGRESS FOR SUTAINABLE DEVELOPMENT GOAL 2023

### Letter of Renewal of Commitment

Dear stakeholders,

I am pleased to confirm that Jeanologia SL reaffirms its support for the Ten Principles of the United Nations Global Compact in the areas of Human Rights, Labour, Environment and Anti-Corruption.

In this annual Communication on Progress, we seek to reflect our commitment to sustainability and describe our actions to continuously improve the integration of the Global Compact and its principles into our business strategy, culture and daily operations. As a member of the Global Compact, we uphold the UN Sustainable Development Goals (SDGs), with particular emphasis on those that are most relevant to our company. We are also committed to sharing this information with our stakeholders and the general public using our main communication channels.

With a multidisciplinary team of fashion experts and technocrats, we work every day with passion to transform the textile industry and the way jeans and textiles are produced. We firmly believe that only organisations that provide sustainable solutions to eliminate problems will succeed. But it is important to understand that our first commitments are to ethics, people and the environment. Our planet is our 'communal home'. The three pillars of this transformation are talent, technology and values. The opportunities and room for improvement are excellent, and he believes the transformation will be rapid, but growth is as important as consolidation and we know the best is yet to come.

Enrique Silla, Jeanologia's CEO

ODS	GOAL	Actions to be a responsible and sustainable company	GRI	Global Compact Principle	2023 DATA
NO POVERTY	1.1 1.2	Contributions to foundations and non-profit organisations. Jeanologia's 1+1 Project where 1% of profits go to social projects: Fundación Amigos de Rimkieta (Collaboration in Burkina Fasso), Casa de la Caridad Valencia. Corporate volunteering - Action / Project: Employees are encouraged to participate in volunteering activities. Project 1+1 where employees dedicate 1% of their total working time to personally collaborate in social projects.	203-2	1	Number of foundations with which we collaborate: 8 NGOs. Total, euros in donations 101,184.50€.
ZERO HUNGER	2.1 2.3 2.4	Collaboration with FAR (Fundación Amigos de Rimkieta) which has achieved 2,000,000 rations of food provided through the cereal bank by 2023, helping 3,800 people directly and 12,000 indirectly. In 2023 in Rimkieta, thanks to FAR, 26 women are working in an orchard of around 2,000m2 located next to the 'Jeanologia 2' well. The women are in charge of planting, irrigation, harvesting, production, marketing and sales, through which they obtain economic support for the heavy family burden they bear, as well as being able to provide for themselves.	203-2	1 2 4 5	In 2023, 49% of the fund has been donated to the Friends of Rimkieta Foundation and 3% to Casa Caridad. The garden in the town of Zongo continues to provide work for 26 women in the community.
GOOD HEALTH AND WELL-BEING	3.1 3.2 3.4 3.7 3.8	One of the main objectives of the FAR association (Jeanologia's partner organisation) is to reduce the high infant mortality rate and to increase the life expectancy and quality of life of the inhabitants of Rimkieta. Promote healthy lifestyle habits among employees. In addition, Jeanologia's Occupational Risk Prevention Policy indicates those principles and conditions that will help to achieve the highest standards of employee health and safety. Workplace conditions: At Jeanologia, employees are offered decent working conditions that allow them to have access to basic resources and an adequate standard of living regardless of where in the world the entity's facilities are located. MISSION ZERO JEANOLOGIA: ELIMINATION OF 100% OF WASTE AND POLLUTION IN A SINGLE PAIR OF JEANS WORLDWIDE. By 2030 all jeans in the world will be made without chemicals and without water which helps to eliminate the problems of air and water pollution in the world. Remember that the textile industry is one of the most polluting industries in the world and Jeanologia is on a mission to transform the industry and make it more sustainable.	203-2 403-2 305	1 4 5 7 9	Number of accidents at work: 4 accidents without sick leave. MISSION ZERO as a company goal. Eliminate waste and water consumption in the production of jeans.

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Jeanologia's Sustainability Report 2023

#### Annex

ODS	GOAL	Actions to be a responsible and sustainable company	GRI	Global Compact Principle	2023 DATA	
4 QUALITY EDUCATION	4.1 4.2 4.4 4.5	The FAR association invests a lot of its efforts in the schooling of children in Burkina Faso where it has created a kindergarten, a school, professional and sports integration centre, a training and reintegration school for street children and training through sport. In addition, the house of charity is in charge of founding nursery schools and family schools to provide schooling services to people at risk of social exclusion. In addition, Jeanologia will collaborate with the Chandkupur Mission to help with the schooling of the secondary school of this locality in Bangladesh. Jeanologia collaborates with aid to the school in order to provide schooling for more than 150 children. Jeanologia is strongly committed to providing the necessary training to each of our employees in relation to each of the functions they perform. Regardless of gender, age or level of education, they will be given the appropriate training to enable them to carry out the functions inherent to their position. Jeanologia also collaborates actively with the Asindown Foundation, whose mission is to improve the quality of life and promote the inclusion and participation as full citizens at all stages of their lives of people with Down syndrome and other intellectual disabilities and to support their families. More specifically, this foundation has a specific programme ASINDOWN EDUCATIVA that provides children and families with support and monitoring in the educational process of those concerned.	203-2 404-1	1 6	In 2023, the FAR Association supported 161 street children and 186 girls in attending school, while providing 240 school scholarships and 13 university scholarships. In Bangladesh, Father Belisario manages an orphanage housing over 300 children. Jeanologia provided 1,878.83 hours of training, including language classes and sales bootcamps, to 140 employees. The company also collaborated with the Mission Zero UPV Chair and the ADEIT Chair to promote youth training within the organization. Additionally, Jeanologia partners with ASINDOVVN, employing one of its members on a part-time basis.	
5 GENDER EQUALITY	5.1 5.2 5.5	The FAR Foundation provides literacy courses for mothers of kindergarten children, teaching 680 mothers to read and write in 2023. At Jeanologia, all employees are valued equally, regardless of gender, age, education level, or job role. The company enforces a strict '0 Tolerance Policy' against any form of abuse or bullying, including gender-based harassment. Jeanologia promotes equality in the workplace, ensuring equal treatment and behavior standards regardless of gender. To support work-life balance, employees with caregiving responsibilities are allowed to attend school meetings and events during work hours, provided they meet their daily work obligations. Flexible working hours and teleworking options are also available, enabling employees to balance personal and professional responsibilities effectively.	405-1 414-2 102-22	1 2 6	51 women and 147 men in the organisation. The number of employees has increased, 25.76% women and 74.24% men.	

ODS	GOAL	Actions to be a responsible and sustainable company	GRI	Global Compact Principle	2023 DATA
6 CLEAN WATER AND SANITATION	6.1 6.3 6.4 6.6	Jeanologia has improved access to drinking water in Zongo, a neighborhood near Rimkieta, through the construction and rehabilitation of water wells. The 'Jeanologia 1' well, with a capacity of 2,200 liters/ hour, supplied an average of 3,600 liters/ day in 2020, benefiting approximately 3,000 people. The 'Jeanologia 2' well, rehabilitated to a capacity of 3,200 liters/hour, provided an average of 13,000 liters/day in 2020, mainly for irrigation. Similarly, the 'Jeanologia 3' well, also rehabilitated, has a capacity of 4,000 liters/hour and supplied 2,600 liters/ day on average in 2020. Through its technologies, Jeanologia has saved 20,265,581 liters of water, equivalent to supplying over 1 million people for an entire year. This achievement aligns with the company's MISSION ZERO, which aims for sustainable production with zero water consumption and no use of chemicals. In the fashion industry, the second most polluting sector globally, particularly in denim finishing processes, Jeanologia has revolutionized the production process to eliminate water pollution from chemicals and reduce waste. By 2023, the company's technologies have also saved the equivalent of 83,800,000 kg of CO2 emissions.	203-2 306-1	8 9	In total, the 3 Jeanologia wells in Rimkieta have been able to extract 15,400 litres of water per day. 20,2652,581 m3 water savings thanks to our technologies in 2023. 40% of the industry uses Jeanologia laser technology for jeans finishing. 90,311,7640 kg of CO2 saved. Measuring with eco-quantitative results.
7 AFFORDABLE AND CLEAN ENERGY	7.2	Jeanologia in Spain obtains 100% of the total energy it consumes in its headquarters from renewable sources and 20% comes from its own installation of photovoltaic solar panels in Valencia and San Quirze.	302-4	7 9	126,896 kWh of photovoltaic energy produced (20% of our consumption) and 500,195 kWh of purchased electricity, of which 45% comes from renewable sources.

ODS	GOAL	Actions to be a responsible and sustainable company	GRI	Global Compact Principle	2023 DATA
		Jeanologia provides textile finishing machinery and diversifies its offerings with software solutions like eDesigner and EIM.			
		Its innovative machinery aims to transform the entire production model, aligning with its mission to replace polluting practices in the textile sector with sustainable, water- and chemical-free technologies.			198 people from 24 different nationalities.
		In 2023, Jeanologia employed an average of 198 people from 24 different nationalities.	201-1		50 students have
8 DECENT WORK AND ECONOMIC GROWTH	8.2 8.4 8.5 8.8	Jeanologia actively incorporates students into its internship program, providing hands-on experience and preparing them for the professional world by familiarizing them with organizational expectations. The company currently employs one member from Fundación Asindown.	302-4 102-8 203-2 401-1	1 4 9	passed through our school and 35 are still working in the textile industry. There have been no new students in 2023.
		Through its 'The School' program, Jeanologia offers training in key textile sector areas, including graphic design for textiles, denim product development, and sustainable production methods.	102-41		In 2023 only 3 incidents with sick leave in Spain.
		Jeanologia prioritizes employee well-being with its Occupational Health and Safety Policy, ensuring safe working environments and providing necessary equipment across all production sites to meet the highest health and safety standards.			
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	9.2 9.4	Jeanologia operates in emerging economies, including Bangladesh, a United Nations- designated 'least developed country,' where it provides local employment and drives business growth. The company designs, manufactures, and markets technologies that enable more efficient and environmentally friendly production processes, reducing water, energy, and chemical consumption.	201-1	8	13 employees in Bangladesh.
	9.5	Jeanologia offers cutting-edge machinery and trains customers in its use through on-site visits, sessions at its development center, and comprehensive guidance on the machinery's capabilities.	301-1	9	97,895,304 kg of CO2 saved so far in 2023.
		Additionally, the company builds strong relationships with customers by providing consultancy services and transferring know-how.			

ODS	GOAL	Actions to be a responsible and sust company
10 REDUCED INEQUALITIES	10.2 10.3 10.4	Jeanologia complies with the LGB Law, 2% of available jobs for people with dis or supporting non-profit organizations promote their social integration. The co also provides opportunities for young t through its internship programs and for diversity in gender and race within its v At Jeanologia there is no place for discr and all human rights policies are compl The company has an equal pay policy f employees without any discrimination.
11 SUSTAINABLE CITIES	11.1 11.6	Jeanologia is a company with a strong international presence and communicat essential in order to keep up to date an sync. The number of trips to different of to meet with different Jeanologia emplo Jeanologia customers is reduced.
12 RESPONSIBLE CONSUMPTION AND PRODUCTION	12.2 12.4 12.5 12.6	Jeanologia's technology aims to elimina the exploitation of water resources for finishing, making the use of resources r sustainable. Jeanologia transforms trace processes where large quantities of wa used. Jeanologia has technologies that elimin chemicals from the textile finishing pro by replacing chemical processes with o products such as ozone. There are no single-use plastic product Jeanologia's offices, but instead cardbo paper is used, which considerably redu impact of waste. The company recycles of its office waste as possible. Jeanologia has large clients in the indus as Levis, Mango, Jack & Jones among of Thanks to Jeanologia, these large comp market products that are more sustaina have a lower impact on the environmer all, Jeanologia's EIM software allows be label their garments according to their water, chemicals and workers' health.

stainable	GRI	Global Compact Principle	2023 DATA
w, reserving disabilities hs that company g talent fosters s workforce. scrimination hplied with. y for all n.	203-2 405-2	2	Equality plan publicly available and registered in 2023
g cation is and work in t countries ployees and	203-1	8	Our technologies eliminate systems that are highly polluting to rivers and cities from laundries, contributing to environmental improvement.
inate or textile s more aditional water are			
ninate rocess n other	301-1		NO use of plastic and recycling policy.
ucts in board or duces the les as much	301-2 306-1 306-2	9	The latest EIM software data for 2023 totals 428 licences across 391 customers both
dustry such others. mpanies can inable and nent. Above brands to ir energy, n.			brands and laundries.

Jeanologia's Sustainability Report 2023

ODS

16 PEACE JUSTICE AND STRONG INSTITUTIONS

17 PARTNERSHIPS FOR THE GOALS

ODS	GOAL	Actions to be a responsible and sustainable company	GRI	Global Compact Principle	2023 DATA
13 CLIMATE	13.2 13.3	Jeanologia believes that 'what cannot be measured cannot be improved', which is why in 2021 it started to measure the impact of both its internal (Scope 1 and 2) and external (Scope 3) activity. This allows the company to introduce SMART objectives in terms of sustainability and to introduce them into its corporate strategy. More specifically, an ESG (environmental, social and corporate governance) metrics mediation report has been produced. Jeanologia is making customers, employees and society aware of the need to apply technologies that respect the environment and care for the planet. Reducing water and the use of chemicals in the textile finishing process. Caring for the environment and the climate is something fundamental for Jeanologia, which is why the dissemination and awareness of our vision is key for the company. For this reason, actions have been carried out with the CRE100DO association, the sustainability chair of the University of Valencia and training actions for universities such as EDEM and the Polytechnic University of Valencia. Not only that, but the presence of Jeanologia in specific fairs of the textile sector also helps in the dissemination of a sustainable alternative of textile finishing that helps in the care of the environment.	302 303	9 10	In 2023, a great effort has been made to professionalise the sustainability report by measuring Scope 1, 2 and 3 in accordance with GRI standards. The data for 2023 for Scope 1 amounts to 78.03 tCO2, Scope 2 to 29.05 tCO2 and Scope 3 to 1014.9 tCO2.
14 LIFE BELOW WATER	14.1 14.5	The textile industry is the second most polluting industry in the world. Jeanologia commercialises technologies that eliminate chemical discharges into the sea, which we replace with green technologies. This ensures that we are not damaging the marine ecosystem and care for biodiversity.	305-1	9	In 2023 Jeanologia has developed a new technology called INDRA which is used to control the humidity and temperature of our washing machines with Ozone and water to minimise consumption.
15 LIFE ON LAND	15.1 15.2	At Jeanologia we work to use as little paper as possible. In 2020, we undertook a major digital transformation that eliminated paper in a very significant way. This helps to preserve the forests and stop the felling of trees. Jeanologia Turkey planted 5000 pine trees in 2022 in honour of the founder of Jeanologia, each pine tree absorbs about 30 000 kilos of CO2, helping to clean the air.	304-2	7	Jeanologia collaborated with the Bejis Cooperative in Castellón, Valencia, following a fire that destroyed over 20,000 hectares. In 2023, the company supported reforestation efforts through crowdfunding on the GOTEO platform.

GOAL	Actions to be a responsible and sustainable company	GRI	Global Compact Principle	2023 DATA
16.1 16.2 16.5 16.6	Jeanologia donates to various non-profit organisations. Among them: - Casa de Caridad - Fundación Deportiva Levante - Asindown - La FAR (Fundación Amigos de Rimkieta) - Mision Chandkupur (Bangladesh) - Instituto Iesu Communio. There is a gift policy at Jeanologia prohibiting the acceptance of gifts as a sign of transparency and to try to avoid bribery. At Jeanologia, transparency is fundamental at all organisational levels and we work every day to ensure transparency in all our processes.	203-2 205-1 102	1 2 10	Collaborating with 8 institutions and with the development of our code of ethics and conduct, to avoid situations of abuse or violence within the organisation.
17.7	Jeanologia develops clean technologies for the fashion sector, this technology is worked with customers to transform processes and make a more sustainable industry worldwide. Not only that, but Jeanologia works and participates in conferences with Universities and company trainings to raise awareness of the clean alternative in textile finishing. MISSION ZERO Chair with the Polytechnic University of Valencia. One of its main objectives is to promote the development of innovative and sustainable solutions in the textile industry. Through this chair, we offer financial support for R&D&I projects that contribute to replacing current manufacturing processes with new processes that consume less energy, less water and move towards achieving zero waste. Collaboration with the ADEIT Chair, which aims to transmit knowledge of the Valencian business fabric to the university community. Alliances with brands, public and academic institutions, foundations, to work on the transformation of industry.	207	9	30 events for the industry and educational community were held in 2023 to communicate Jeanologia's work. Number of relevant activities: 5 (Mission Zero Chair (Hackathon), ADEIT Chair, REICONICS Collection and Collaboration with Valencia City of Design).

## #MISSIONZERO Jeanologia BUILD A CLEAN FUTURE PRODUCE WITH ZERO WASTE



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