

SUSTAINABILITY REPORT 2024



almeida

OUR SUSTAINABLE WAY

OUR SUSTAINABLE WAY

IT'S
IN OUR
NATURE



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1. ABOUT US

CEO MESSAGE

"We are a committed company."

With a history spanning decades, built on solid values and focused on the future — with a clear vision in which sustainability is a permanent foundation.

Our journey, marked by a strong emphasis on innovation and creativity, has always been driven by the desire to create better working, living, and dreaming conditions for everyone who surrounds us and contributes to our activity.

When we talk about "our sustainable way," that's exactly what we mean: a path to be travelled together with our Employees, Partners, Clients, and the Community.

Everyone is invited to give their best for a better future. This journey, full of challenges, keeps us in a state of constant restlessness.

But ambition is also part of who we are — it drives us to find solutions that translate into more sustainable processes and products.

Get to know us and join us in "our sustainable way".

Joaquim Almeida | CEO





almeida

ABOUT US

We are the result of over 40 years of creating "the home of home textiles". Decades of dedication, investment and growth driven by our teams.

Founded in 1979 in the city of Guimarães, Têxteis J.F. Almeida, S.A. (JFA) has become a leading company in the home textiles sector. Equipped with a modern industrial park, it currently employs more than 750 qualified professionals, ensuring fast delivery times for its clients.

JFA is a vertically integrated company with remarkable production capacity. It operates simultaneously in the areas of Spinning, Twisting, Weaving, Dyeing, Finishing, and Manufacturing, promptly fulfilling customer orders, with continuous quality control, as well as 24-hour in-house laboratory services, packaging, and shipping.

The company has an extensive portfolio in the home textiles sector, as well as in raw and dyed yarns. With a clear focus on the international market (65% of production), JFA's differentiation is ensured by the quality of the final product, technology, responsiveness, production flexibility, and attractive designs.

The Design Department assists in all stages of product development, and JFA is responsible for the creation and production of the finest collections of bath towels, bathrobes, tablecloths, beach towels, bed linen, homewear, pet products, and items for the aviation and hospitality sectors.





OUR VALUES

AMBITION

Because we must strive for continual improvement every day.

QUALITY

Because it is essential to ensure:

- Quality in the raw materials we use;
- Quality in the equipment we operate;
- Quality in the services and products we create;

And... to promote quality in every process and action of our People.

ORGANIZATION

Because we need the right resources for the right solutions.

PROMPNESS

Because it is important to provide a fast and efficient response.

VERSATILITY

Because we must stay alert and continually evolve.

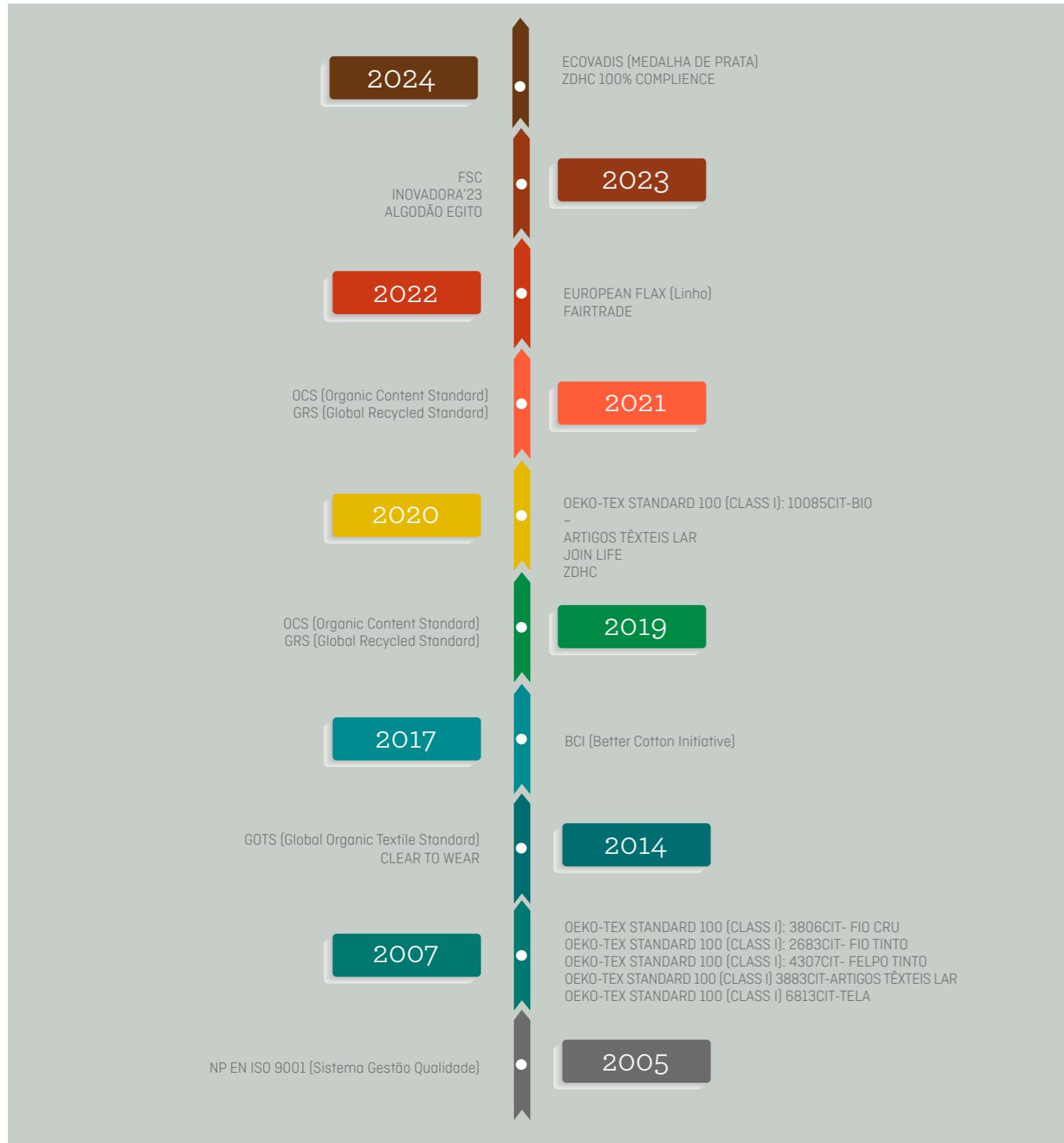
These are the values that guide us towards a greater purpose. Values that direct all efforts made in pursuit of the commitments we undertake:

- Towards a more sustainable future, in which we aim to adopt better and more effective practices in product development, management, and operations, resulting, in particular, in more rational and efficient use of water, energy, and resources in general;
- Towards the People we interact with: Employees, Partners, Suppliers, and the Community, among whom we strive to be a driving force for development.



OUR CERTIFICATIONS

Our ongoing focus on Sustainability has enabled us to obtain a wide range of the most demanding and relevant certifications. Through investment, ambition, and commitment, we have successfully ensured the periodic renewal of these certifications.

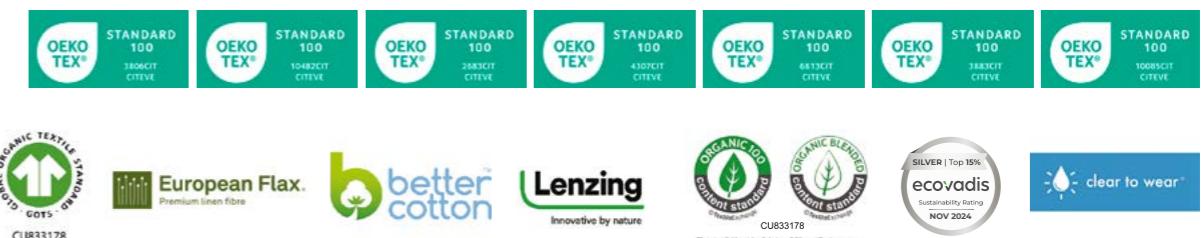


To meet market demands, we combine our ambition with a commitment to continuous improvement. We aim to provide our clients with the most sustainable solutions, which is why our processes and products comply with the most rigorous national and international certification standards and criteria. We also participate in organizations, forums, and entities that promote knowledge and development in the areas in which we operate.

CERTIFICAÇÃO DE GESTÃO QUALIDADE



PRODUCT & SUSTAINABILITY CERTIFICATIONS



ETHICAL, FAIR AND SOCIALLY RESPONSIBLE TRADE



PERFORMANCE BENCHMARKING



INNOVATION AND DEVELOPMENT PARTNERS



WHERE WE ARE

We operate across six distinct sites, all within a radius of less than 5 km, with easy access and close proximity to Porto International Airport (46 km) and the Port of Leixões (54 km).



PORTUGAL GUIMARÃES



THE YEAR 2024

TURNOVER	62,37M€
EMPLOYEES	808
SPINNING PRODUCTION CAPACITY	1,000 Ton/mês
WEAVING PRODUCTION CAPACITY	700 Ton/mês
YARN DYEING PRODUCTION CAPACITY	300 Ton/mês
PIECE DYEING PRODUCTION CAPACITY	900 Ton/mês
LAUNDRY PRODUCTION CAPACITY	40 Ton/mês
CONTINUOUS FINISHING PRODUCTION CAPACITY	600,000 ml/mês
YARN DYEING OUTPUT	250 Ton/mês
TERRY DYEING OUTPUT	760 Ton/mês
CONTINUOUS FINISHING OUTPUT	400,000 ml/mês
LAUNDRY OUTPUT	15 Ton/mês
GARMENT PRODUCTION	40 Ton/mês
BATHROBE PRODUCTION	30,000 Un/mês
CERTIFICATIONS OBTAINED IN 2024	1
NUMBER OF SOLAR PANELS	9,089



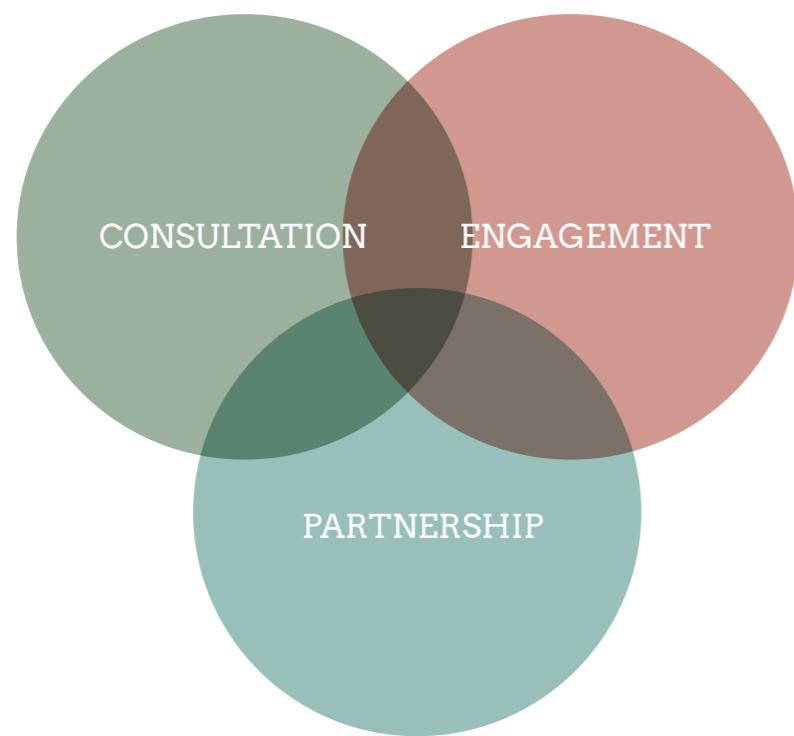
65%
OF PRODUCTION
IS DESTINED FOR
EXPORT MARKETS

OUR STAKEHOLDERS

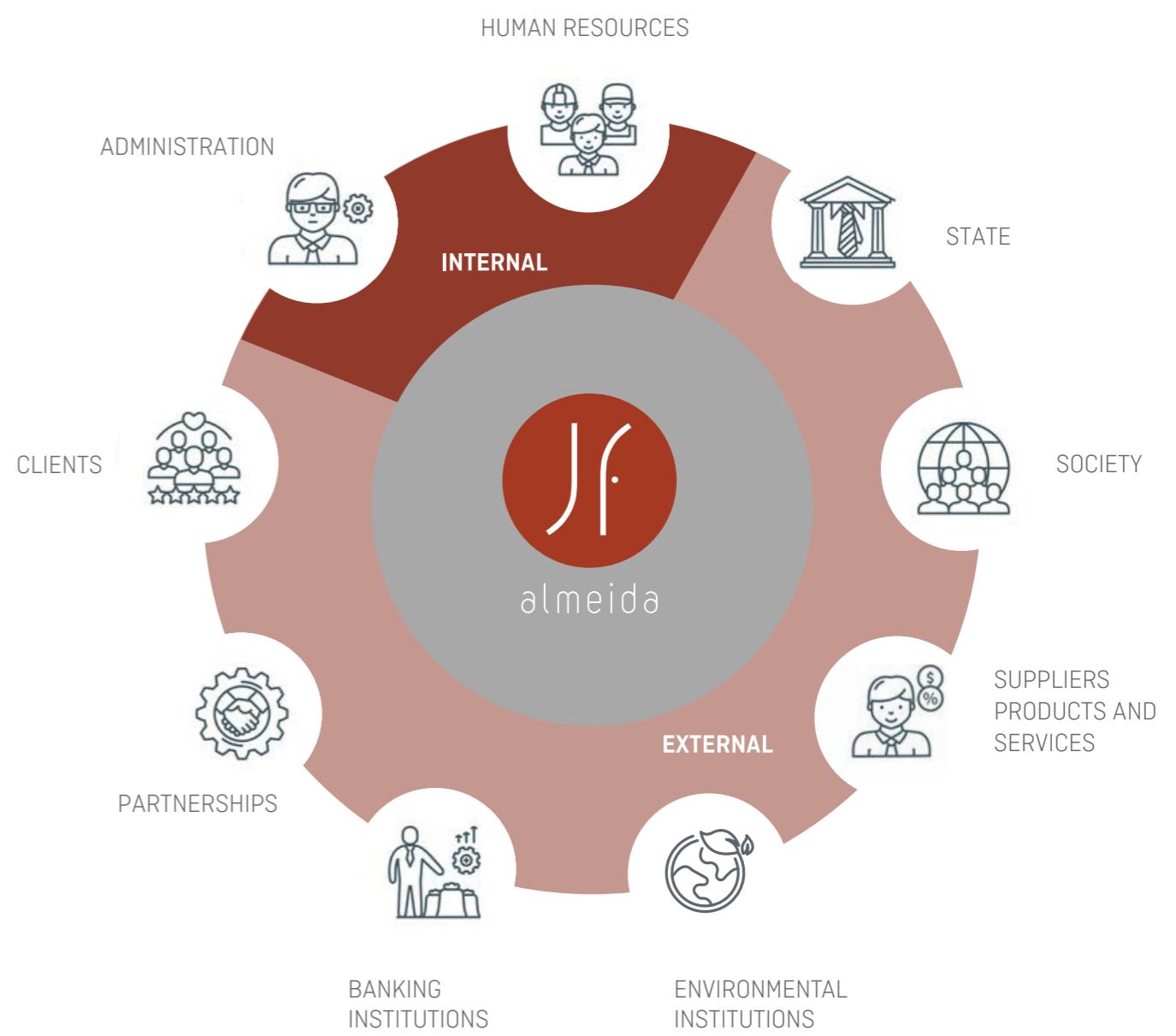
We are the reflection of an interdependent system. JF Almeida's strength comes from the cohesion of all the parts that compose it. For this reason, we place great value on our relationship with our stakeholders. Employees, clients, partners, suppliers, shareholders, public entities, and the community at large—all play a fundamental role in building a more sustainable future.

We would like everyone to share our ambition and actively engage in our mission. To achieve this, we strive to understand their expectations, grasp their perceptions of our activities, and create open and continuous channels of dialogue.

This mapping and active listening allow us to align priorities, build strong partnerships, and respond more effectively to challenges. We believe that a process of consultation, engagement, and collaboration generates faster results, more efficient costs, and, above all, greater shared value..



JFA STAKEHOLDERS





OUR NUMBERS

ENVIRONMENTAL INDICATOR	UNIT	2021	2022	2023	2024
		2021	2022	2023	2024
Number of photovoltaic panels	N.	2428	9089	9089	9089
Photovoltaic production	MWh/ano	693	2148	3697	3525
Specific CO ₂ emissions	tCO ₂ /ton	1.67	1.04	1.02	0.79
Specific water consumption	L/kg	77.89	71.77	71.20	68.78
Specific chemical consumption	tPQ/ton	0.333	0.309	0.313	0.299
Specific energy consumption	tep/ton	0.74	0.82	0.77	0.71

SOCIAL INDICATOR	UNIT	2021	2022	2023	2024
		2021	2022	2023	2024
Number of employees	N.	661	785	812	808
Number of foreign employees	N.	7	71	85	79
Number of women	N.	242	324	317	299
Number of men	N.	419	461	495	509

GOVERNANCE INDICATOR	UNIT	2021	2022	2023	2024
		2021	2022	2023	2024
Employees in management positions	N.	28	30	32	30
Number of women in management positions	N.	5	5	6	7
Number of men in management positions	N.	7	8	10	9



2. THE ESG FRAMEWORK



THE ESG FRAMEWORK



A new corporate culture, a fresh perspective on corporate purpose.
A new way of evaluating organizational performance.

This is what the ESG framework [Environment + Social + Governance] proposes.

JFA has incorporated these trends and concerns into its culture and management model.

Every request, every project, every delivery is preceded by risk assessment practices that manage expectations in line with the defined direction and strategy. The pursuit of ongoing enhancement constantly challenges all teams.



SOCIAL

What is our impact on People, including both our internal and external community?

- Equality in employment and gender diversity
- Employee health and safety
- Training and development
- Attention to physical and mental well-being
- Transparency across the value chain
- Human rights
- Respect for privacy and personal data



ENVIRONMENTAL

What is our impact on the planet?

- Awareness of climate change, pollution, and waste
- Reduction of dependence on fossil fuels
- Reduction in the use of paper and plastic
- Efficient use and management of water and other resources
- Avoidance of hazardous materials and proper handling
- Reduction of carbon footprint and use of renewable energy



GOVERNANCE

What are our governance, reporting, and transparency practices towards our stakeholders?

- Employee and board remuneration
- Board and company diversity
- Tax strategy and accounting standards
- Ethics and values
- Transparency and anti-corruption
- Shareholder rights
- Innovation and development
- Non-discrimination policy
- Promotion of equity in the workplace



For 2025, JF Almeida aims to establish a Sustainability Committee, composed of representatives from the company's core areas.

♥ SOCIAL

The Community is a fundamental pillar of our ESG vision and sustainability. Being attentive, involved, and contributing to the development of our Community has long been a priority for JFA.

Our close relationships with educational institutions exemplify the company's involvement. We value direct dialogue with younger generations, with whom we share best practices and goals regarding the careful management of resources, particularly water.

With the "internal" Community, there are various projects and initiatives that promote a positive work environment and a balance between the professional and personal lives of our Employees.

ON THE SOCIAL LEVEL, JFA HAS IMPLEMENTED:

Internally:

- Support for childbirth;
- Health insurance;
- Social activities with employees (e.g., Halloween, "Bolas de Berlim (Portuguese filled doughnuts)", massages on International Women's Day, summer sunset party, Christmas fair, etc.)
- Partnerships with organizations (e.g., gyms, clinics, opticians, service stations, etc.)

Externally:

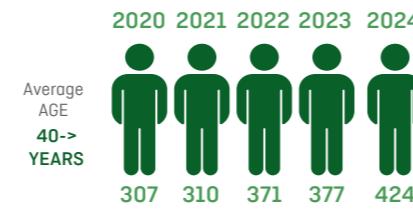
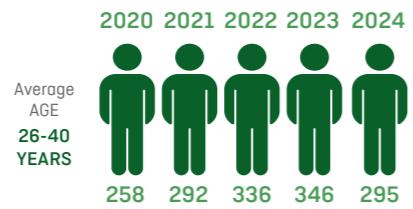
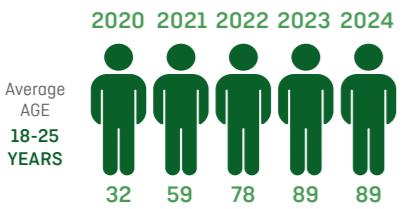
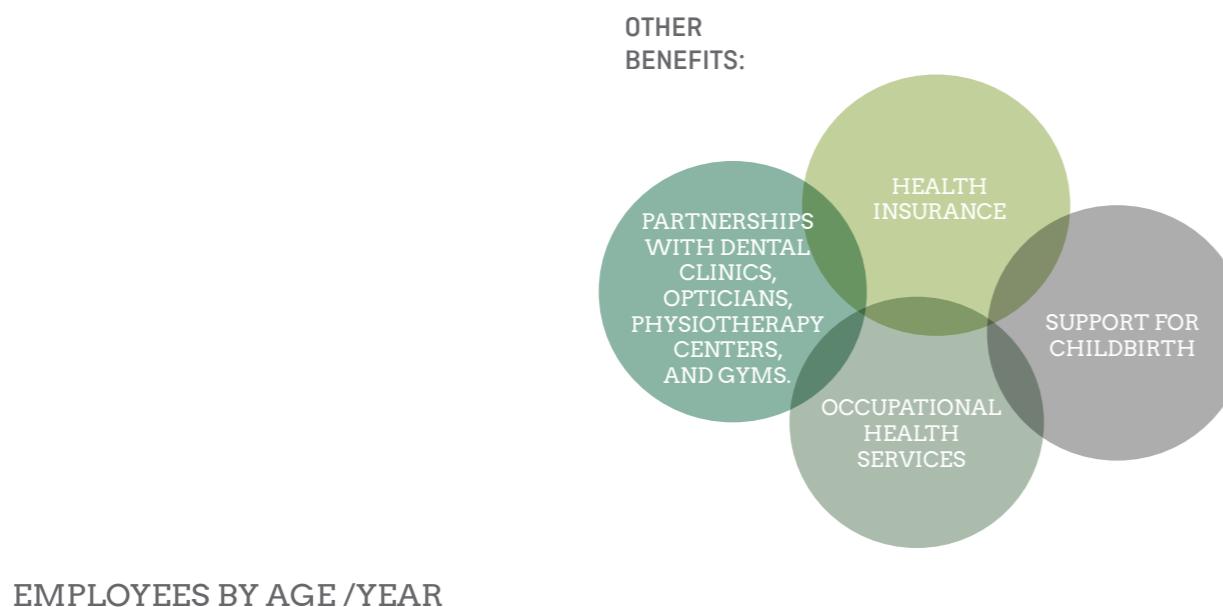
- Challenges for schools, giving "lessons" on the importance of water and our best practices;
- Support for the community: hospitals, care homes, schools, and sports clubs.

SOCIAL

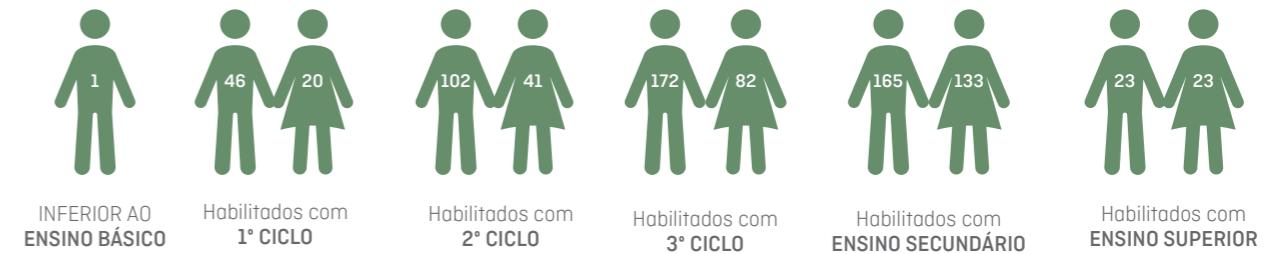
JFA recognizes that it is through the work and dedication of its employees that it meets the expectations of its stakeholders. For this reason, one of our main commitments is to establish an open relationship with all our employees and potential candidates, taking individual needs into account while maintaining a policy of support and benefits that aligns with current market demands.

THE FOLLOWING POLICIES HAVE BEEN IDENTIFIED AND IMPLEMENTED BY THE HR DEPARTMENT:

- Attraction, selection, and talent retention;
- Development of employees' professional knowledge and skills;
- Ongoing improvement of working conditions;
- Socially responsible conduct towards employees and the Community;
- Welcome Handbook and Code of Conduct;
- Personal data protection policy;
- Adherence to the Portuguese Charter for Diversity.



HABILITAÇÕES LITERÁRIAS 2024



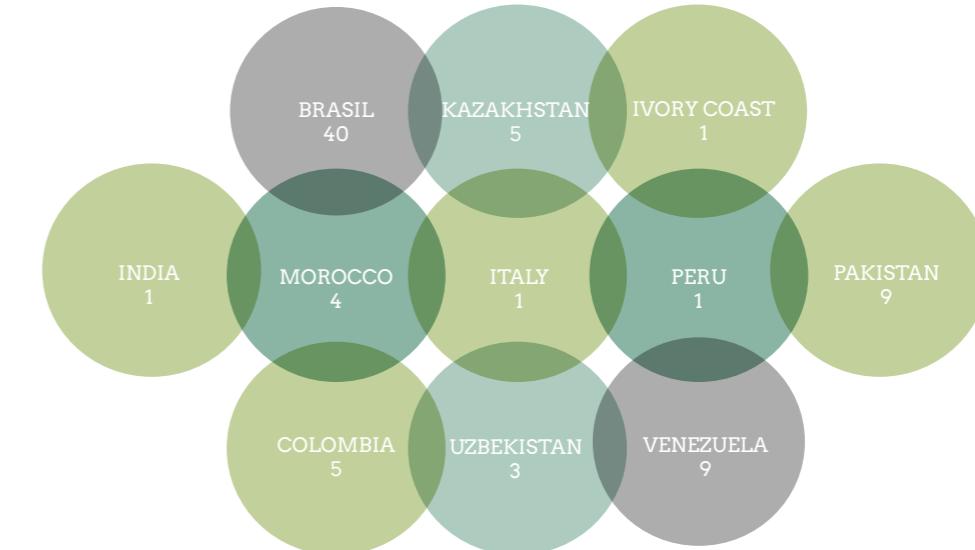
CONTRACTS

	2020		2021		2022		2023		2024	
	MAN	WOMAN								
Fixed-term contracts	31	13	75	51	78	91	117	78	63	26
Permanent contracts	362	191	344	191	383	233	378	239	446	273
GRAN TOTAL		597		661		785		812		808

ENTRIES / EXITS

	2020		2021		2022		2023		2024	
	MAN	WOMAN								
HIRINGS	22	11	77	53	100	119	59	19	103	30
RESIGNATIONS	18	10	46	20	57	38	28	23	122	49
JOB CREATION	4	1	31	33	43	81	31	-4	0	0

FOREIGN EMPLOYEES 2024



SOCIAL

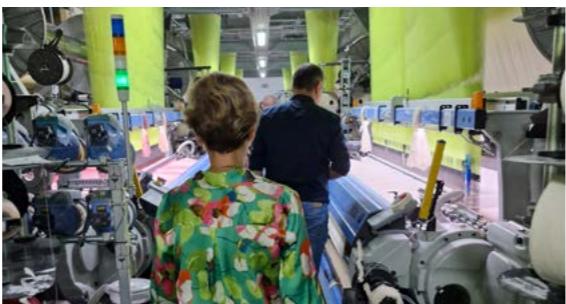
TRAINING HOURS GROWTH 2021 > 2024

The continuous development of our employees' skills is a strategic priority for our organization. In recent years, we have consistently strengthened our training offerings. This commitment is reflected in the steady increase in the number of training hours provided.

2021:
4,461 hours



2022:
771 hours
(impacted by pandemic restrictions)



2023:
5,965 hours

2024:
6,223 hours

The **4% rise compared to 2023** confirms our dedication to training as a key driver of personal and professional development.

We believe that continuous investment in training is essential to foster a learning culture and ensure that our employees are empowered to actively contribute to a more sustainable future.



EVENTS:



- Our Summer Festival
- Portugal Day
- Christmas Fair
- Nursing Home Visit
- Halloween Party
- Women's Day
- Beach Towel Giveaway
- Training

SOCIAL

PORtUGUESE CHARTER FOR DIVERSITY

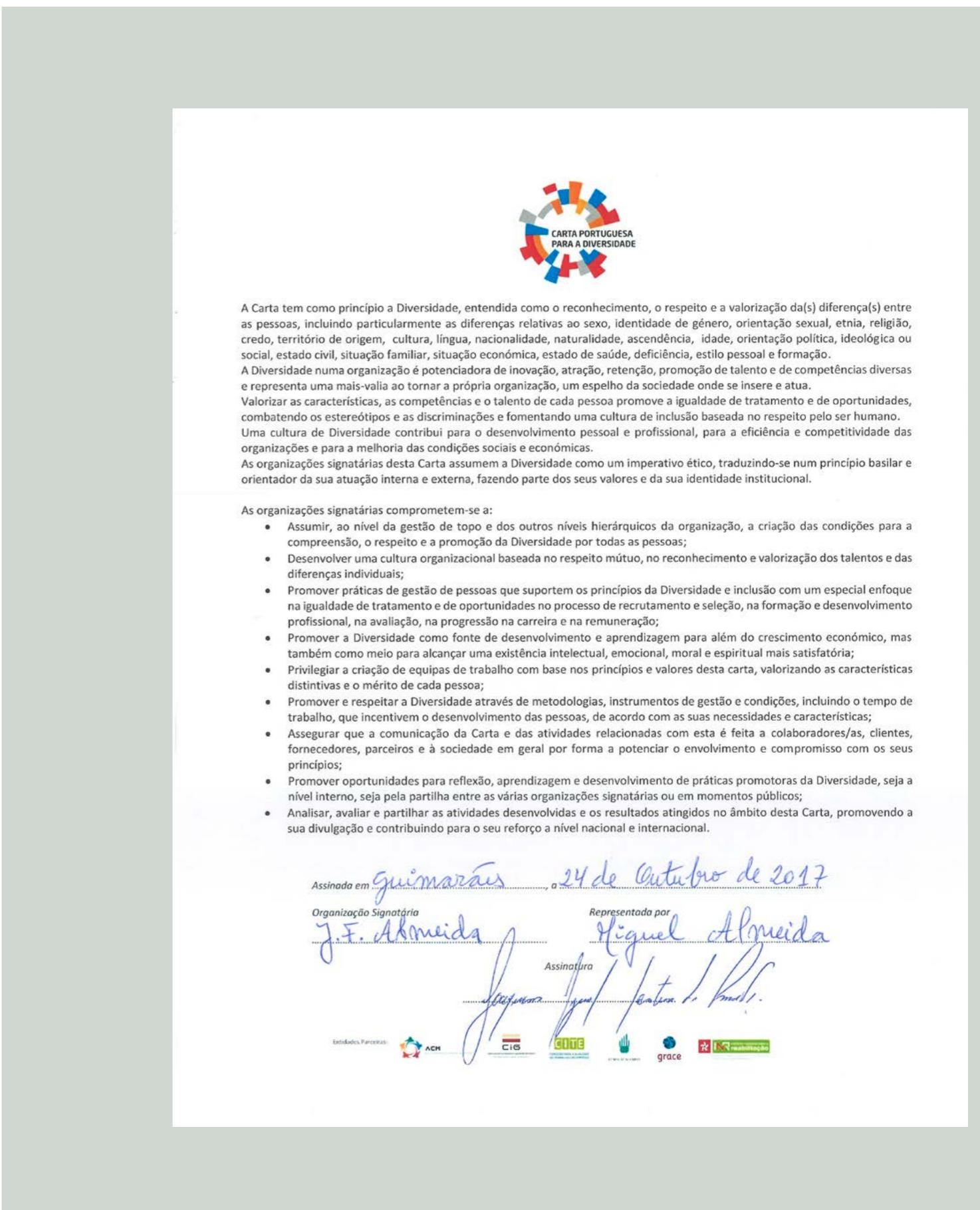


JF Almeida joined the Charter for Diversity in 2017. An initiative of the European Commission, the Charter for Diversity is one of the voluntary instruments created to encourage employers to implement and develop internal policies and practices that promote diversity.

A Charter for Diversity is a brief document voluntarily signed by employers from various sectors (public, private, both for-profit and non-profit). It outlines concrete measures that can be taken to promote diversity and equal opportunities at work, regardless of cultural, ethnic, or social background, sexual orientation, gender, age, physical characteristics, personal style, or religion.

The Charter is based on the principle of Diversity, understood as the recognition, respect, and appreciation of the differences between people, including in particular differences related to sex, gender identity, sexual orientation, ethnicity, religion, belief, place of origin, culture, language, nationality, birthplace, ancestry, age, political, ideological, or social orientation, marital status, family situation, economic situation, health status, disability, personal style, and education.

The aim is for the diversity policies developed within an organization to recognize, understand, and value that both what unites us and what differentiates us can be a potential source of innovation, problem-solving, customer focus, creativity, and employee engagement. Organizations that sign this Charter embrace Diversity as an ethical imperative, making it a fundamental guiding principle of their internal and external actions, and an integral part of their values and institutional identity.





ENVIRONMENTAL

At JFA, environmental sustainability is not just a goal — it's an essential part of our identity.

We firmly embrace today's environmental challenges, promoting ecological awareness and continuously investing in solutions that enable decarbonisation. We believe in innovation as the driving force for an effective transition towards increasingly sustainable production models.

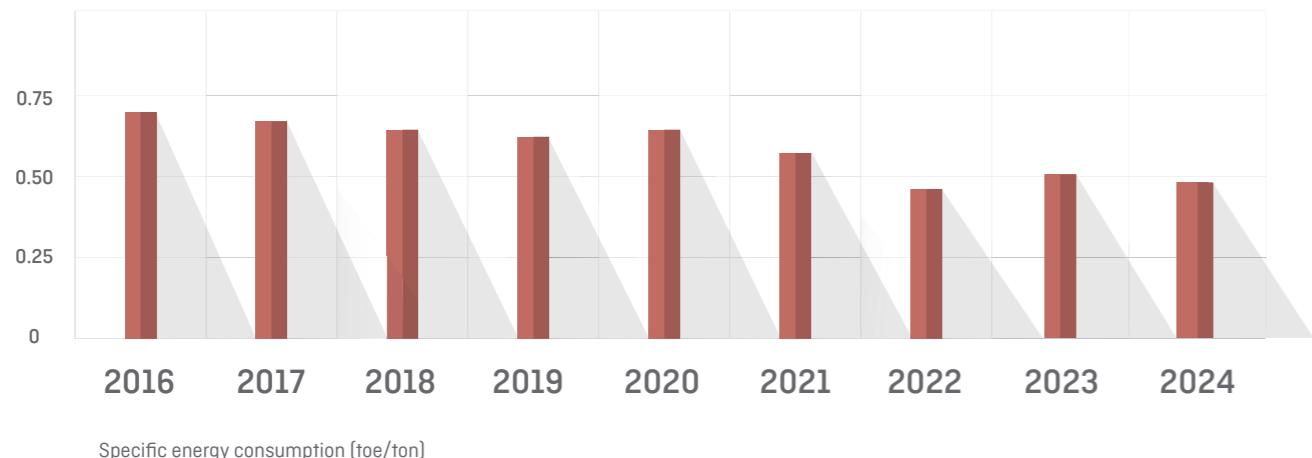
ENVIRONMENTAL INITIATIVES AT JFA:

- Substitution of energy sources – replacing natural gas with a biomass boiler;
- Waste reduction;
- Reduction in plastic use;
- Water management and reuse – 30% of wastewater is reused;
- Reuse of hot water generated by cooling processes;
- Installation of solar panels;
- Reduction of CO₂ emissions (through the biomass boiler);
- IoT integration – connecting machines to a digital management system;
- Process and product optimisation;
- Fibre recycling (through JFA 360° Recycled Yarn);
- Transition of the company fleet to Plug-In Hybrid vehicles;
- Lean management practices;
- Compliance with ZDHC (Zero Discharge of Hazardous Chemicals) standards.

ENVIRONMENTAL

Energy

In 2016, JF Almeida created the Energy Department. Since then, its main focus has been to reduce and optimise energy consumption, particularly in the unit with the greatest impact, achieving a **24% reduction in the specific energy consumption of the dyeing and finishing unit**.



2016 → 2024

-24%
toe/ton

Dyeing and
Finishing Unit

Overall, given the company's vertical structure, a global specific consumption of 0.71 toe/ton was recorded in 2024, resulting in a 7% decrease compared to the previous year.

INVESTMENTS

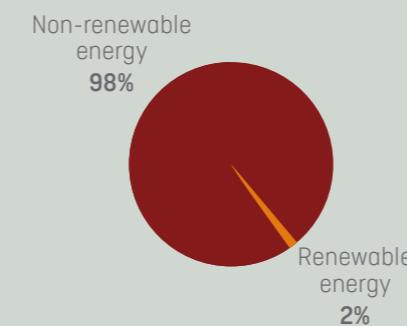
In 2022, the investment in energy efficiency amounted to €6 million:

- Biomass Boiler: €2.5 million
- Solar Energy: €3.5 million

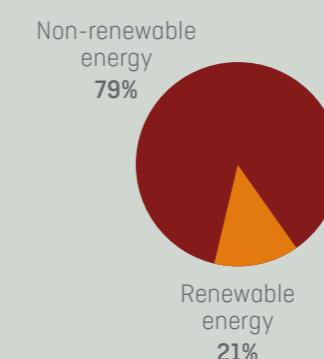


DISTRIBUTION OF RENEWABLE AND NON-RENEWABLE ENERGY SOURCES

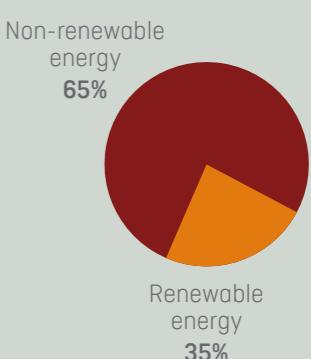
2016



2024



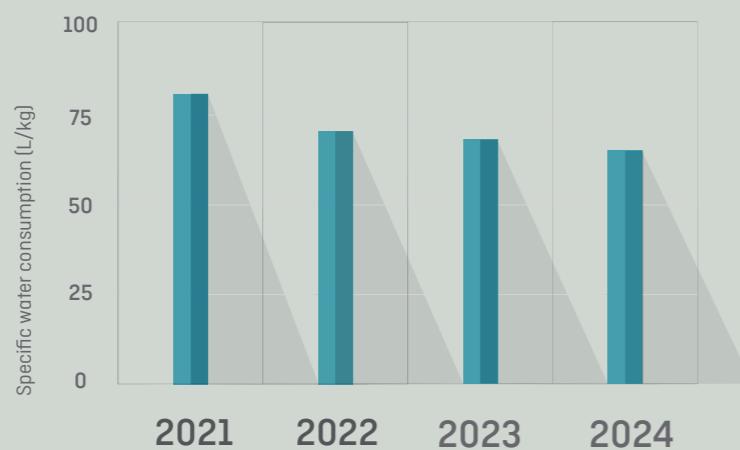
WHERE WE WILL BE IN 2025



ENVIRONMENTAL

Water

The adoption of more efficient technology and the optimisation of our processes have led to a **12% reduction** in specific water consumption compared to 2021 and a 3% reduction compared to 2023.



PRODUCTION

According to our most recent data, we use 69 litres of water per kilogram of product produced.



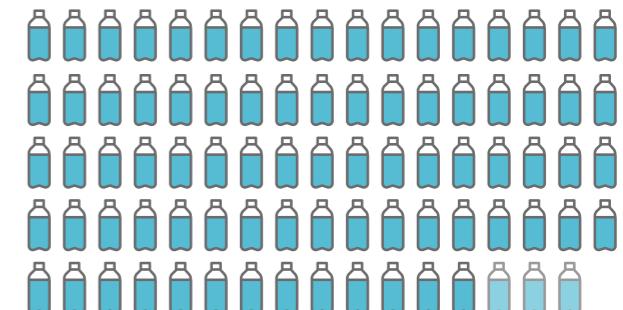
= 1 kg production

THE FORECAST FOR 2025 WOULD BE TO REACH 50 L/KG

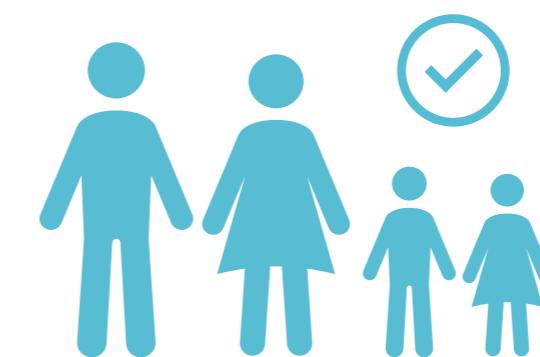
However, the production mix limits our scalability. We continue to invest in solutions to ensure continuous progress.

Our specific water consumption allows us to save 127,450,000 liters of water annually.*

* Data from 2024, compared to the average consumption in 2021.



We reduced 127,450,000 liters per year.



1,991 people/year

Font: INE 2022 64m³/hab



This amount is enough to meet the needs of 1,991 people for an entire year.

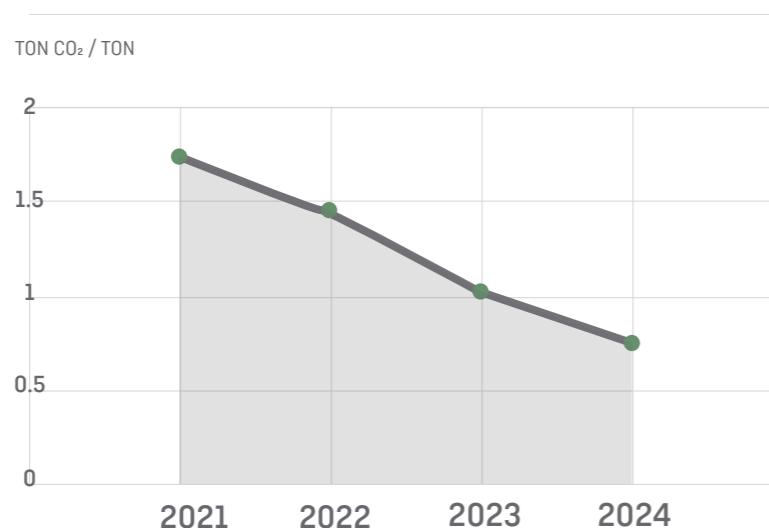
ENVIRONMENTAL

Decarbonisation

Through the combined effort of reducing energy consumption, adjusting our energy mix, and investing in sustainable solutions, we have successfully reduced our carbon footprint.

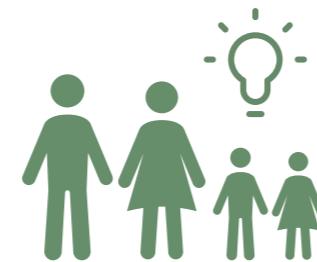
52%

REDUCTION IN CO₂
EMISSIONS PER
TONNE OF
PRODUCTION



OUR ENERGY

We own 9,089 solar panels installed, generating 3.5 GWh per year, with a total capacity of 5.1 GWh per year — enough to supply electricity to 648 households annually.



9,089 Solar Panels
Installed

5.1 GWh

Annual electricity
production capacity

648* households
per year

Average electricity consumption:
5,436 kWh/year for a family of 4.
(Data: IWE)

DATA: Pordata 2023

OUR PLAN FOR THE FUTURE



Full solar energy capacity, integrated through a energy community.



Steam produced in boilers of biomass.



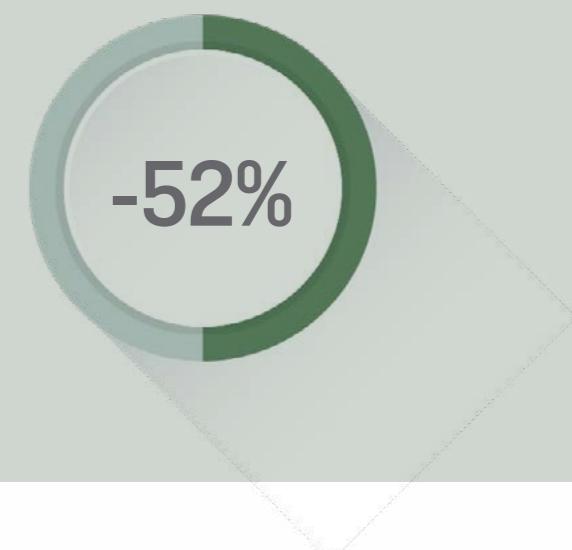
Thermal finishing processes with green steam instead of combustion direct natural gas supply.



WE ARE PROUD OF OUR ACHIEVEMENT:

52% reduction in carbon emissions
(compared to 2021 levels)

We aim to achieve an additional 10% reduction by 2025.





GOVERNANCE

Corporate behavior, ethics, core values, a concrete mission, and a unifying vision... all contribute to the company's value.

All of these require accountability and transparency. It is about respecting and promoting the development of those who work directly or indirectly with JFA.

• AT THE GOVERNANCE LEVEL, JFA HAS IMPLEMENTED:

- Code of ethics and conduct;
- Promotion of innovation and development;
- Concern for resources;
- Equal pay and non-discrimination;
- Encouragement of productivity;
- Data protection.



For 2026, JFA plans to implement a sustainable procurement model.

CONTRIBUTION TO THE SDGs



The 2030 Agenda for Sustainable Development, which all United Nations Member States adopted in 2015, defines priorities for sustainable development by 2030, requiring the mobilization of global efforts converging on common goals. There are 17 Sustainable Development Goals (SDGs) that call for action and accountability from everyone. A global partnership for a global future.

JFA IDENTIFIES WITH THE 17 GOALS, ALIGNING PROJECTS AND RESOURCES THAT HAVE ALREADY YIELDED RESULTS:

1. Social benefits for workers
2. Development of products with alternative regenerative fibres
3. Occupational health and safety
4. Training and education of human resources
5. Opportunities and equality in the workplace
6. Treatment of industrial and wastewater
7. Energy consumption management and optimization
8. Human rights and safety
9. Innovation and development
10. Work without discrimination
11. Participation in the Guimarães Climate Pact
12. Circular economy – use of more sustainable raw materials
13. Use of recyclable materials
14. Reduction of environmental impact to protect ecosystems connected to the water cycle
15. Reduction of greenhouse gas emissions
16. Economic performance and anti-corruption
17. Development of partnerships



A photograph of a spool of vibrant red thread, possibly silk, resting on a bed of large, dark green leaves. The spool is tightly wound with the thread visible in the creases. A single strand of the red thread hangs down, ending in a small green leaf. The background is a dense, out-of-focus foliage of similar green leaves.

3. PRODUCTS AND PROCESSES

OUR PRODUCTS AND PROCESSES



All operational and investment decisions are made with full consideration of ESG impacts. We approach our daily activities from a perspective of continuous improvement, striving to optimise resources and minimise the environmental footprint of our processes. Water, energy, and raw materials remain at the core of our concerns.



FIBRES



YARN



FINISHED PRODUCT



DYEING AND FINISHING



FIBRES



COTTON

Cotton is our most important raw material.

A fibre with exceptional characteristics, it offers comfort, durability, and textures that have been highly valued for centuries.

Striking a balance between sustainable development and product quality drives us to continually seek the finest cotton for each specific application. We increasingly favour cotton varieties that ensure environmentally responsible sourcing, cultivation, and processing.

GOOD EARTH COTTON

- Natural
- Highly absorbent
- Comfortable
- Breathable
- Very soft
- Washable
- Hypoallergenic

Good Earth Cotton® is climate positive — throughout its entire growth cycle, it helps reduce carbon (CO₂) emissions in the atmosphere.

It has paved the way for cotton cultivation worldwide to become carbon negative, water-efficient, and low in energy impact.

Positive, traceable, and renewable — the Earth needs us to turn back the clock on emissions!

ORGANIC COTTON



- Natural
- Highly absorbent
- Comfortable
- Breathable
- Very soft
- Washable
- Hypoallergenic

Often referred to as “natural cotton,” it stands out for being organically grown, with minimal environmental impact. Its cultivation relies on non-genetically modified plants and excludes the use of any fertilisers, pesticides, or other chemicals.

As a result, it produces a healthier fibre, less likely to cause complications such as allergies, asthma, or other health issues. It offers a soft texture, making it ideal for home textiles. Given its low environmental impact and beneficial properties for health, it is also highly recommended for children’s and baby products.

In addition to cotton, we have been expanding our range of different fibres, taking advantage of the unique qualities each can bring to our products.



COTTON – PIMA



- Extra-long fibres ≥ 38 mm
- Extremely fine and soft fibres
- Grown without the use of pesticides or fertilisers
- Hand-picked to preserve all its natural characteristics
- Strong and durable

Pima cotton is a premium variety of cotton, considered by many experts to be one of the finest in the world.

Originally from Peru, it is currently cultivated in the Piura region, where the entire growing area benefits from favourable climatic conditions, with an average annual temperature of around 34°C.

The scientific name of Pima cotton is *Gossypium barbadense*.

COTTON-WOOL



- Natural
- Eco-friendly
- Renewable and biodegradable
- Comfortable
- Warm
- Odour-resistant
- Hypoallergenic

JF Almeida presents cotton-wool yarn, composed of 80% cotton and 20% wool. This single yarn combines the benefits of two fibres that have been used by humanity since time immemorial.

It unites the soft, smooth, and absorbent touch of cotton with the breathability, thermal comfort, moisture regulation, and sustainability of wool.

This yarn can also be made with organic cotton.

HEMP



- Natural
- Antibacterial and antifungal
- Eco-friendly
- Super breathable
- UV protection
- Rich in antioxidants
- Odor-resistant
- Hypoallergenic

Hemp is widely regarded as one of the most environmentally sustainable textile fibers. It is an organic, plant-based material that is stronger and more durable than cotton, while its production exerts minimal impact on biodiversity. Hemp's exceptional durability and resilience are complemented by its natural antimicrobial and antifungal properties. The fiber offers a comfortable and cool touch, providing a refreshing sensation on the skin. It exhibits excellent moisture absorption and breathability, making it ideal for absorbent and breathable products. Additionally, hemp fibers are long and possess a stable molecular structure, resulting in a uniform texture, reduced static, and inherent antibacterial benefits.

LYOCELL



- Absorption
- Softness
- Hypoallergenic
- Resistant
- Eco friendly

Lyocell is a man-made fiber extracted from the cellulose of wood pulp, usually eucalyptus. It is an eco-friendly fiber, as it is obtained from trees grown in self-sustaining forests. Today, it is considered a benchmark among sustainable fiber options. Garments made from lyocell fiber are soft to the touch, providing a sense of well-being. This pleasant sensation on the skin is enhanced by the fiber's natural properties, such as high absorbency and softness. It is also a hypoallergenic fiber, ideal for sensitive skin. The production of lyocell fiber does not involve toxic chemicals and uses half the amount of water required to produce conventional cotton.

LINEN



- Natural
- Antibacterial and antifungal
- Ecological
- Durability and Longevity
- Temperature regulation
- Comfortable
- Moisture absorption properties
- Beneficial for health

Linen was discovered over 2,500 years ago and originates from an herbaceous plant. It was used by the Egyptians to embalm mummies, symbolizing purity and light. Linen fibers are considered among the finest and are therefore widely used in the most exquisite products around the world.

Known for its high durability — which increases with each wash — linen is stronger than cotton fiber and offers an elegant drape. With its naturally soft and refined touch, it is the perfect material for bed and table products.

KAPOK



- Hydrophobic and provides good buoyancy
- Lightweight
- Biodegradable
- Comfortable
- Very soft
- Quick-drying
- Hypoallergenic

ALPACA



- Natural
- Eco-friendly
- Lightweight
- Renewable
- Biodegradable
- Comfortable
- Odor-resistant
- Hypoallergenic

BAMBU



- Soft and luxurious touch
- Soft and luxurious touch
- Very soft and comfortable
- Antifungal and antibacterial
- Hypoallergenic
- Excellent moisture absorption properties
- Biodegradable

BANANA



- Soft and luxurious touch
- Very soft and comfortable
- Antifungal and antibacterial
- Hypoallergenic
- Excellent moisture absorption properties
- Biodegradable

HIMALAYAN NETTLE



- Natural and sustainable
- Natural and sustainable
- Elegant and durable
- Highly wrinkle-resistant
- Antimicrobial and antibacterial
- Soft and flexible
- Hypoallergenic

PINEAPPLE



- Natural and sustainable
- Biodegradable
- Eco-friendly
- Breathable
- Highly durable fiber

LYOCELL / WOOL



- Silky and breathable touch
- Natural thermoregulation
- High moisture absorption
- Durability and strength
- Certified sustainability

LYOCELL / LINEN



- Balanced thermal comfort with a soft, dry touch
- Natural aesthetic, with a slightly irregular and matte appearance
- Good breathability
- Good moisture absorption
- Natural and biodegradable fibers



JFA offers an extensive portfolio of yarns, providing a diverse range of finishes. We are able to develop and implement tailored solutions that ensure a final product distinguished by superior quality and excellence.



PAPILIO



Papilio is a brand built on pillars of excellence, promoting and ensuring high standards of quality and transparency for the market, clients, and partners. Papilio yarn can be produced in any combination of fibers and colors, allowing it to be applied across an infinite range of products. Examples of sectors where Papilio yarn is used, demonstrating its versatility, include sportswear, apparel, home textiles, and the automotive industry.

ENVIRONMENTAL SUSTAINABILITY

In addition to its innovative, versatile features and high quality, the Papilio dyeing process offers several sustainability advantages compared to conventional yarn dyeing:

Cold process: Unlike standard yarn dyeing, the Papilio printing process does not require the use of thermal energy.

Fewer auxiliary products: Papilio dyeing requires only about one-third of the auxiliary products used in conventional dyeing. No salt or hydrogen peroxide is used.

Significantly gentler mechanical and chemical process: This minimizes deterioration and preserves the inherent properties of the fibers during dyeing and finishing. **0% reprocessing required.**

360° JFA RECYCLED YARN



- Recycled
- Sustainable
- TIR
- DES
- RAW

Recycled cotton is made from textile remnants generated during production or from pre-consumer textile waste. These materials are mechanically recycled, ground into fibers, and transformed into new yarns, giving rise to new textile products. JFA's commitment to the environment begins with the careful selection of raw materials, aiming to reduce the use of conventional cotton and to introduce more sustainable fibers that were previously underutilized in home textiles, such as organic cotton, lyocell, modal, bamboo viscose, linen, hemp, and Himalayan nettle fiber. Recycled yarns are also a key focus, with JFA holding GRS (Global Recycled Standard) certification. This type of yarn has become increasingly important in the products we commercialize. In 2024, 38% of our textile waste was transformed into 360° JFA Recycled Yarn.



360° JFA Film





FINISHED PRODUCTS

JFA has consistently demonstrated a strong commitment to sustainability, aiming to reduce its ecological footprint and deliver increasingly sustainable products to its clients. Concepts, materials, and processes such as circular economy, organic cotton, natural fibers, and special finishes are continuously reviewed to ensure the highest sustainability standards. We are proud to present the results of these efforts.



LYOCELL / WOOL



LYOCELL / LINEN



ULTRA LOW TWIST



100% LINEN



COTTON / LINEN



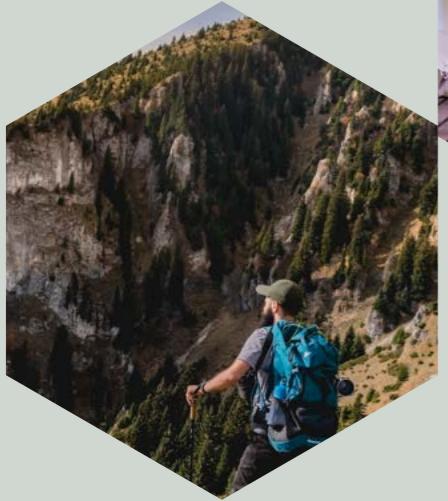
GRS COTTON



DRYTEC OUTDOOR – Technical Product

Excellent performance. Perfect for outdoor activities.

DRYTEC Outdoor products feature characteristics specifically designed for outdoor use. They are treated with the Umbrella finish, which provides water repellency, a fresh touch, long-lasting protection, high wash resistance, and innovative design. The Umbrella finish is made from renewable raw materials and holds GOTS and BLUESIGN approval.



DRYTEC 2.0 – Technical Towels

Excellent performance. Perfect for sports and outdoor activities.

DRYTEC 2.0 products offer enhanced absorption and faster drying, making them ideal for sports and outdoor use. With the Hydromax Plus Upcycle finish, which provides hydrophilicity, excellent breathability, and inhibits the growth of odor-causing bacteria and fungi, the product stays clean and pleasant to use over time. Maintaining the appearance of a traditional textile, DRYTEC 2.0 offers a soft and comfortable touch, while remaining lightweight and easy to carry. The Hydromax Plus Upcycle finish is GOTS and BLUESIGN certified.



Drytec Film



 DYEING

LANDCOLORS

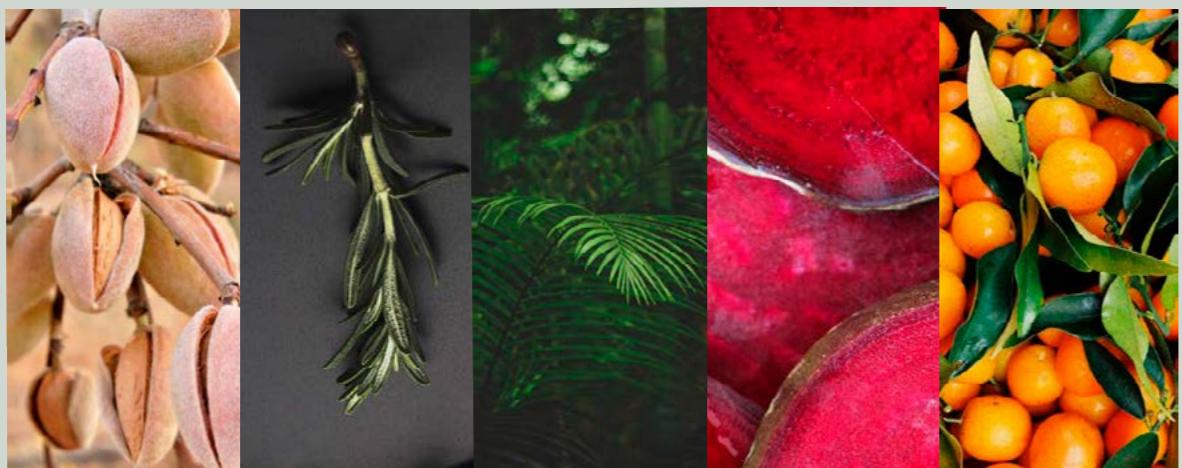


LANDCOLORS is JF Almeida's line of natural dyes, developed to dye cotton with a low environmental impact. Produced from renewable sources, such as plants and organic waste, LANDCOLORS dyes are biodegradable, non-toxic, hypoallergenic, and safe for the skin. The dyeing process consumes less water (30% reduction), less time (20% reduction), and does not use salt, contributing to environmental preservation. LANDCOLORS represents a sustainable solution, aligned with current industry trends and the company's commitment to nature.

100% NATURAL-BASED
PRODUCTS

30% WATER
REDUCTION

20% PROCESS TIME
REDUCTION



LASTINGCOLORS



LastingColor High QI ECO® is a textile program developed by JF Almeida that combines technological innovation with environmental sustainability. Designed to preserve the intensity and durability of colors in fabrics, even after multiple washes, this program uses high-performance reactive dyes, significantly reducing the environmental impact of textile production. Key benefits include:

Long-lasting and vibrant colors wash after wash

Dark and bright tones that maintain their original appearance, extending the lifespan of textile products

Up to 50% reduction in water and energy consumption during the dyeing process

Improved productivity due to greater process efficiency

Consistent performance, ensuring final consumer satisfaction

The program is validated by standardized tests in Europe and the USA, guaranteeing its effectiveness under diverse washing conditions.

GARMENT DYE

Garment dyeing is a technique in which the textile item is dyed after the garment has been fully constructed. This approach allows greater production flexibility and results in pieces with a soft finish, smooth touch, and unique appearance, where natural color variations may occur. It is widely used in casual apparel and is ideal for brands seeking customization and rapid adaptation to trends.

GARMENT WASH

Garment wash is a finishing technique in which the textile item is washed after it has been manufactured. This results in pieces with a soft finish, smooth touch, and a unique appearance. It is widely used in more casual items and is ideal for brands seeking customization and agility in trends.

INFUSION



INFUSION is a natural dyeing process developed by JF Almeida that uses tea leaves to colour cotton fibres and their blends. Aligned with nature and sustainable fashion trends, INFUSION stands out for its low environmental impact. The process is biodegradable, does not use electrolytes, alkalis, or artificial dyes, and reduces up to 33% of processing time and 45% of water consumption compared to traditional dyeing methods. Additionally, the wastewater generated is less polluting and easier to treat. INFUSION employs renewable raw materials and incorporates tea leaf residues, contributing to recycling efforts and minimizing environmental impact.

100% NATURAL-BASED PRODUCTS

ECODYEING



Ecodyeing is a dyeing technique aligned with sustainability due to its reduced water consumption. In Ecodyeing, the textile item is dyed after it has been fully manufactured. This innovative approach allows for significant water savings during the production process. The result is garments with a soft finish, pleasant touch, and unique appearance, often exhibiting natural colour variations that enhance the authenticity and exclusivity of each piece. Widely used in casual and contemporary apparel, this technique is ideal for brands seeking personalization, sustainability, and rapid response to fashion trends.



ACABAMENTOS

UMBRELLA

UMBRELLA is a durable water-repellent textile finish, developed from renewable, plant-based raw materials and free from fluorocarbons. It offers excellent protection against water and stains on natural, synthetic, and blended fabrics, while maintaining breathability and comfort. The finish demonstrates high resistance to both domestic and professional dry cleaning and is suitable for continuous industrial processes. Sustainable and safe, UMBRELLA contains 60% renewable content, is USDA-certified as a bio-based product, approved by bluesign®, and compatible with GOTS-certified items. It can also be marketed under the Teflon EcoElite™ label, provided it meets the required performance standards.

VEGAN

VEGAN is a textile softener based on quaternary silicone, free from animal-derived oils, which provides fabrics with a soft, pleasant touch and good absorbency. Suitable for 100% cotton items and blends with linen, viscose, and other fibres, it delivers a high-quality finish with a sustainable profile. Its formula is certified by ECOCERT GREENLIFE for GOTS 5.0 and approved by bluesign®, ensuring compliance with ecological standards and chemical safety.

COTTPURE5

COTTPURE5 is a textile finish with antimicrobial, antifungal, antiviral, and cooling properties, developed with a focus on sustainability and comfort. It effectively reduces the proliferation of bacteria, fungi, and viruses on fabric surfaces, particularly on terry fabrics, while maintaining a fresh and pleasant feel even after extended use. The finish offers high durability, with proven efficacy for over 100 washes. It can be applied to 100% cotton items, as well as blends with linen, viscose, and other fibres. Tested according to ISO 18184:2019, ASTM VR-1679, ISO 20743, and ASTM E 2149-01, it complies with Oeko-Tex Standard 100 criteria. COTTPURE5 is free from silver, SVHC substances, and irritants, and does not require high-temperature washing, contributing to energy and water savings and reinforcing its environmentally responsible profile.

NEFLAME

NEFLAME is a flame-retardant textile finish developed to enhance safety in home textiles and other industrial applications by slowing down or preventing the spread of fire from sparks or small ignition sources. Easy to apply, it preserves the original properties of the fabric, including hand feel, colour, and absence of residual odour, without compromising comfort. It is suitable for 100% cotton items and blends with fibres such as linen, viscose, and modal, taking into account the specific characteristics of each fibre type. NEFLAME has been tested and approved according to various international fire-performance standards, including ASTM D 1230, ASTM D 6413, DIN EN ISO 15025, BS 5867, 16 CFR 1610, BS 5722 / BS 5438, and 16 CFR 1615/1616 for children's sleepwear. Protection is guaranteed for over 50 washes. The product is also certified under Oeko-Tex Standard 100 – Class II, ensuring it is free from harmful substances.

4PAWS

4PAWS is a textile finish specially developed for pet products, such as items for dogs and cats. It combines advanced antimicrobial and antiviral technology to reduce the proliferation of bacteria, fungi, and viruses, eliminating unpleasant odours while keeping fabrics hygienic, fresh, soft, and comfortable to the touch. Tested according to ISO 17299-3, it demonstrated an odour reduction of over 90%, and according to ISO 20743, it showed antibacterial efficacy exceeding 99%. The 4PAWS finish does not require high-temperature or long-cycle washing, contributing to reduced energy and water consumption, making it an effective, practical, and environmentally responsible solution for pet-friendly textile products.

PURITY

PURITY is a hygienic and sustainable textile finish, ideal for home textiles, that effectively combats mold, mildew, unpleasant odours, bacteria, viruses, and fungi, keeping items fresh, clean, and protected. It can be applied to 100% cotton fabrics and cotton blends with linen, viscose, or other fibres. Successfully tested according to international standards such as ISO 18184:2019 (viruses), ASTM VR-1679, ISO 20743, and ASTM E 2149-01 (bacteria), it maintains efficacy for over 100 washes. Free from silver, SVHC substances, and irritants, PURITY is safe for both skin and the environment. It complies with Oeko-Tex Standard 100, ensuring a truly sustainable finishing process.



4. PARTICIPATION IN PROJECTS



JF Almeida is engaged in consortia and partnerships of various kinds, strongly focused on innovation in sustainability. Such is the case with:



Texpact aims to enhance the digital maturity of the Portuguese Textile Cluster, focusing on the sector's challenges and opportunities through R&D and the implementation of new digital solutions for design, production, and interaction with value chains. Bringing together 40 partners, it aims to:

- build capacity for the development of digital products and services;
- enhance the digital skills of professionals in the sector;
- increase the value of the Portuguese industry in the production of advanced manufacturing systems.



Led by CITEVE (Technological Centre for the Textile and Clothing Industries of Portugal), the be@t project brings together 54 promoters (companies, universities, technology centres, and other entities) who will collaborate in the field of sustainable bioeconomy, specifically focusing on the development of new raw materials, technologies, and manufacturing and processing equipment.



The tExtended project has the overall objective of reducing textile waste by developing and demonstrating effective textile recovery, waste valorisation, and recycling processes, combined with digital tools, detection systems, and data-driven solutions to support the sustainable circularity of textiles.



The GIATEX project brings together nearly 30 entities and aims to address the challenges faced by textile companies regarding intensive water consumption. To achieve this, the project aims to develop a set of tools that will enable companies to:

- reduce specific water consumption;
- support decision-making regarding the final treatment or disposal of wastewater.



The TexMaTer project aims to minimise the environmental impact of the textile and clothing industry by exploring new sustainable fibres and bio-based formulations for textile finishing processes. This will lead to a reduction in dependence on synthetic fibres, virgin cotton, and wood-based regenerated cellulosic fibres, as well as on fossil-based chemical finishing formulations.



5. INNOVATION AND DEVELOPMENT



MANTA be@t



MANTA be@t is a finalist in the iTechstyle Textile Innovation Awards.

AMANTA be@t is made from recycled yarn composed of 80% pre-consumer recycled cotton and 20% recycled polyester. The yarn is innovatively dyed using agro-industrial residues, such as brewing by-products (spent grain), pine bark, and olive leaves, resulting in natural beige and brown tones. This approach promotes sustainability, the circular economy, and industrial symbiosis.



Brewing by-products
(spent grain)



Pine bark



Olive leaves



iHEATEX

HEATED ROBE



JF
almeida

As part of the TEXP@CT Project, within PPS3 and PPS19, the prototype of the TEXP@CT robe was presented at Techtextil24 in Frankfurt. By creating channels along the weft direction, where heating conductive threads are integrated and protected, and by incorporating a removable control unit, a robe has been developed that offers remarkable additional comfort: heating powered by two independent systems with temperature sensors. One of the objectives of this development is the automation and robotisation of a production line for robes incorporating intelligent heating. The consortium behind this project includes JF Almeida, CITEVE, and Centinanotech..

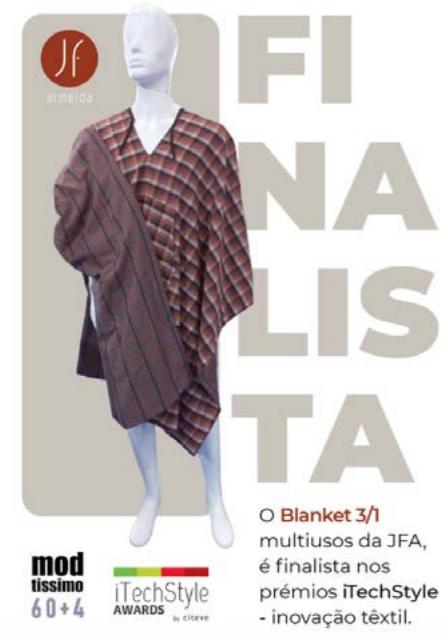






6. AWARDS AND RECOGNITION

BLANKET 3 IN 1



The JFA multi-purpose Blanket 3-in-1 is a finalist in the iTechStyle Textile Innovation Awards. This product features an innovative design and multiple functions focused on ergonomics and sustainability. The Blanket 3-in-1 can be used as a traditional blanket, converted into a throw with support pockets, or worn as a poncho, allowing free movement. Made from MAXLY flannel, composed of 100% lyocell, it offers excellent strength, drape, and a soft touch. Thanks to its breathability, it naturally provides antimicrobial properties and high moisture absorption. Its lightness also prevents wrinkling and ensures good elasticity, making it a durable product.

ECOVADIS SILVER MEDAL



JF Almeida has been awarded the Silver Medal by EcoVadis, a globally trusted provider of business sustainability ratings. With this achievement, JFA ranks among the top 15% of companies assessed by EcoVadis over the past 12 months (85th percentile and above). Our sustainable journey is only possible thanks to the commitment and dedication of everyone involved.

JFA JACKET by be@t



Notícia | Heimtextil
JF ALMEIDA LANÇOU CAMISAS DE
FLANELA E CASACO ÚNICO COM
PASSAPORTE DIGITAL NA HEIMTEXTIL

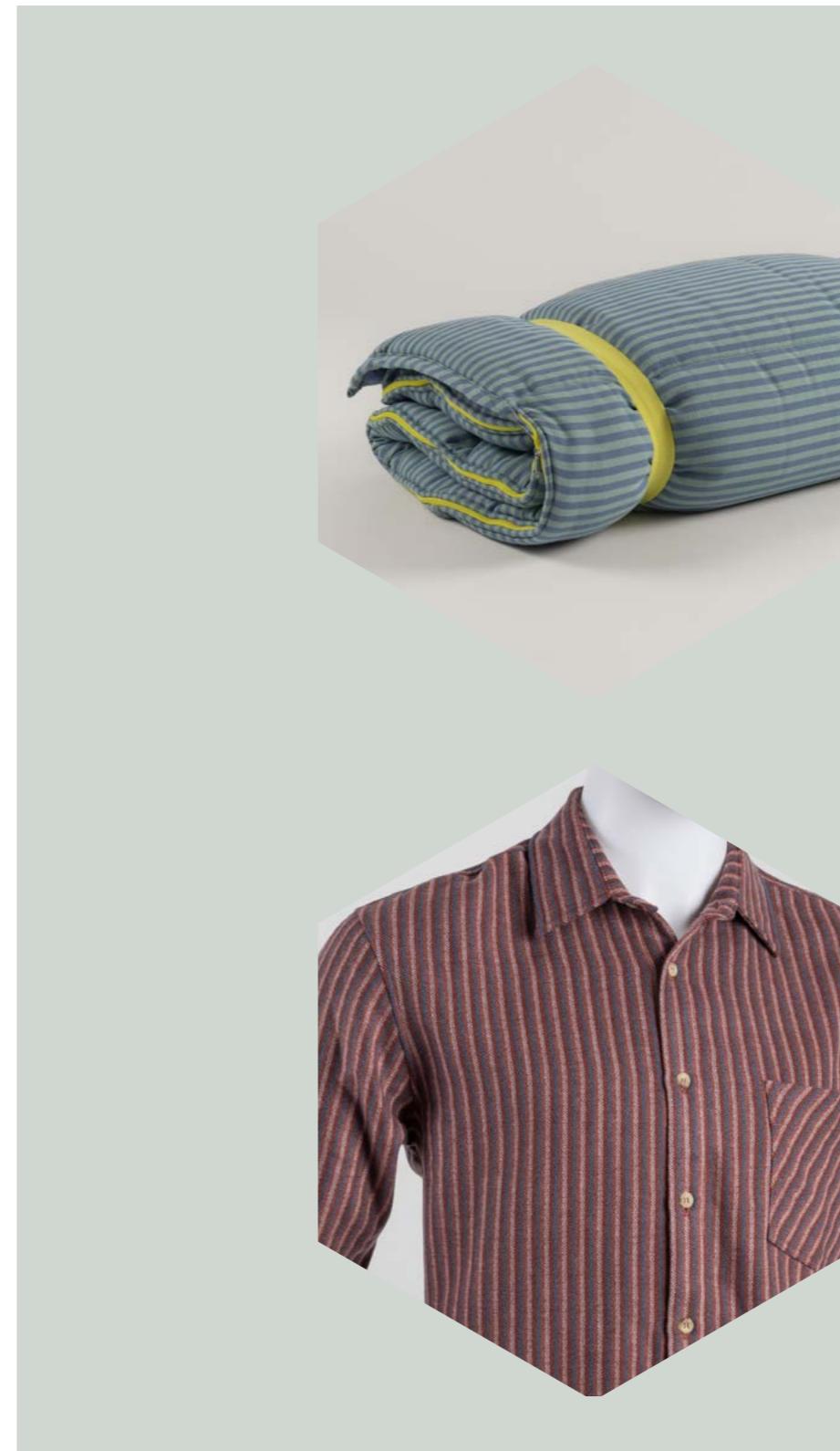


The JFA Jacket by be@t was awarded in the Sustainability category at the Guimarães Marca Awards.

The Digital Product Passport is a tool developed by CITEVE under the be@t - Bioeconomy in the Textile Industry initiative. It enables the monitoring of a product's entire life cycle and aims to build greater trust and transparency between companies and consumers. The Digital Product Passport is featured in the JFA Jacket.



ISPO Textrends
Fall | Winter 2024
AWARDS



COMFORT SLEEPING BAG

53% Cotton
40% Recycled Polyester
7% Linen

Weight g/m²: 605

Finishing Envigorate
+ Water repellent
+ Antibacterial



OUTDOOR FLANNEL SHIRT

100% CLY

Anti UV
+ Water repellent

A wide-angle photograph of a lush, green forest. The foreground is filled with dark green foliage and trees. In the middle ground, a thick layer of white mist or fog hangs over the forest, obscuring some of the trees. The background features several mountain peaks, their summits partially hidden by the mist. The overall atmosphere is serene and somewhat mysterious.

7. PARTICIPATION IN TRADE FAIRS



NATIONAL AND INTERNATIONAL TRADE FAIRS 2024

Throughout 2024, JF Almeida reaffirmed its position as a benchmark in the home textiles sector by participating in some of the most prestigious national and international industry events.



Criamos as nossas coleções com a natureza em mente.



09 a 12

Jan. 2024

STAND 12.1 D20

HEIMTEXTIL



Descubra o nosso portfólio inovador e sustentável.

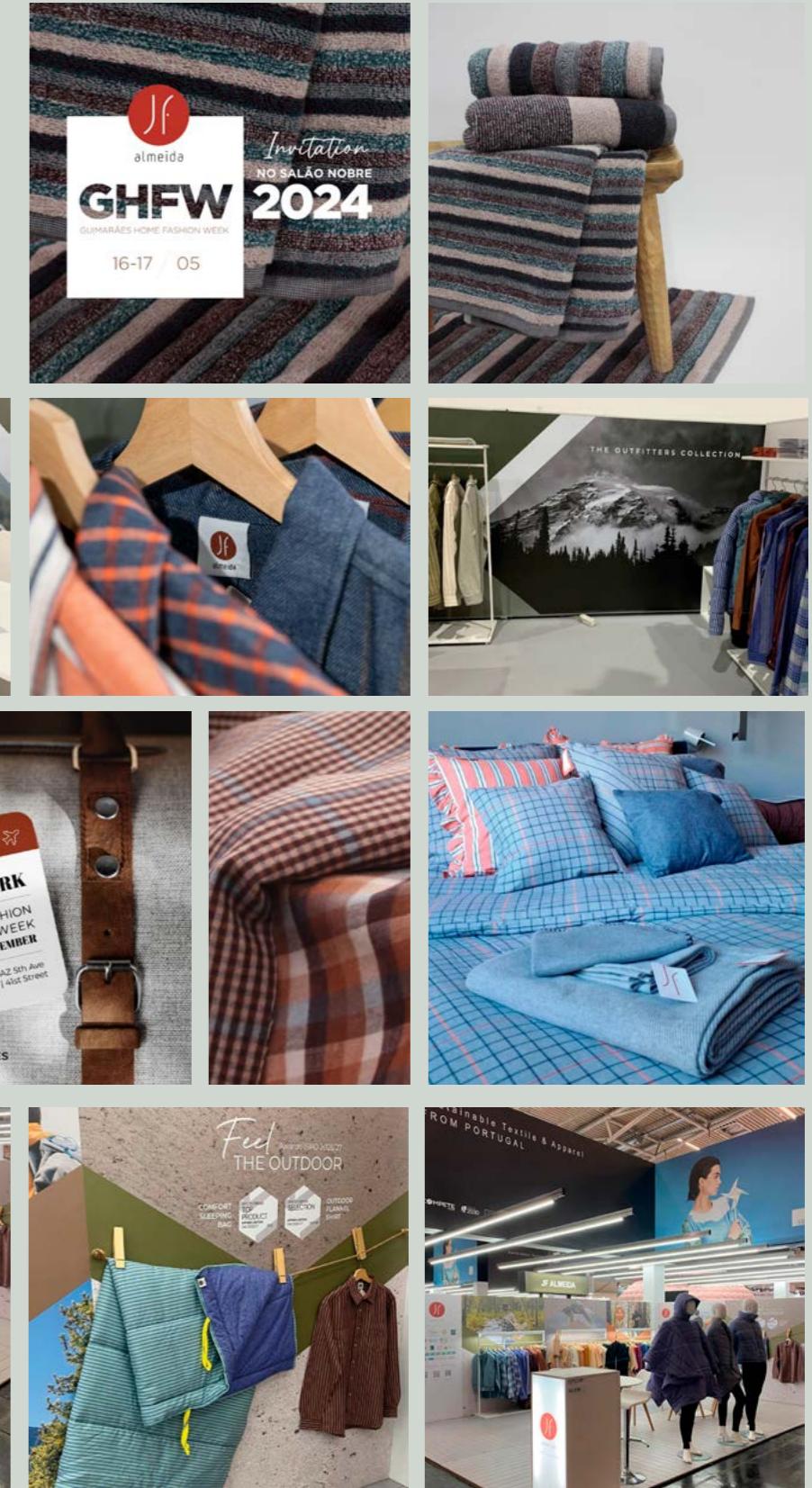
The year began on a high note at HEIMTEXTIL (Frankfurt, Germany) — the world's leading stage for home textile trends and innovations — where we presented our new collections and distinctive solutions.

Participation in the Guimarães Home Fashion Week, an event that celebrates the best of Portuguese design and manufacturing, further strengthened the brand's connection to its roots and to the excellence of Made in Portugal.

MOD'ÚNICA provided another opportunity to strengthen relationships with clients and partners, showcasing the versatility and quality of our products.

We crossed the Atlantic to participate in New York Home Market Week, bringing Portuguese design and quality to one of the world's most demanding and competitive markets. To complete the circuit, we took part in ISPO Munich (Munich, Germany), the leading trade fair for sports articles and textiles, where we highlighted the innovation and performance of our technical solutions.

- HEIMTEXTIL
- GUIMARÃES HOME FASHION WEEK
- MOD'ÚNICA
- NEW YORK HOME MARKET WEEK
- ISPO MUNICH



“

“There is no Planet B
because we don’t
have a Planet B.”

BAN KI-MOON
(former UN Secretary-General)

“We are the first
generation to feel the
impact of climate change
and the last that can do
something about it.”

BARACK OBAMA
(former President of the USA)

”



almeida

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