



OUR SUSTAINABLE WAY



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OUR SUSTAINABLE WAY

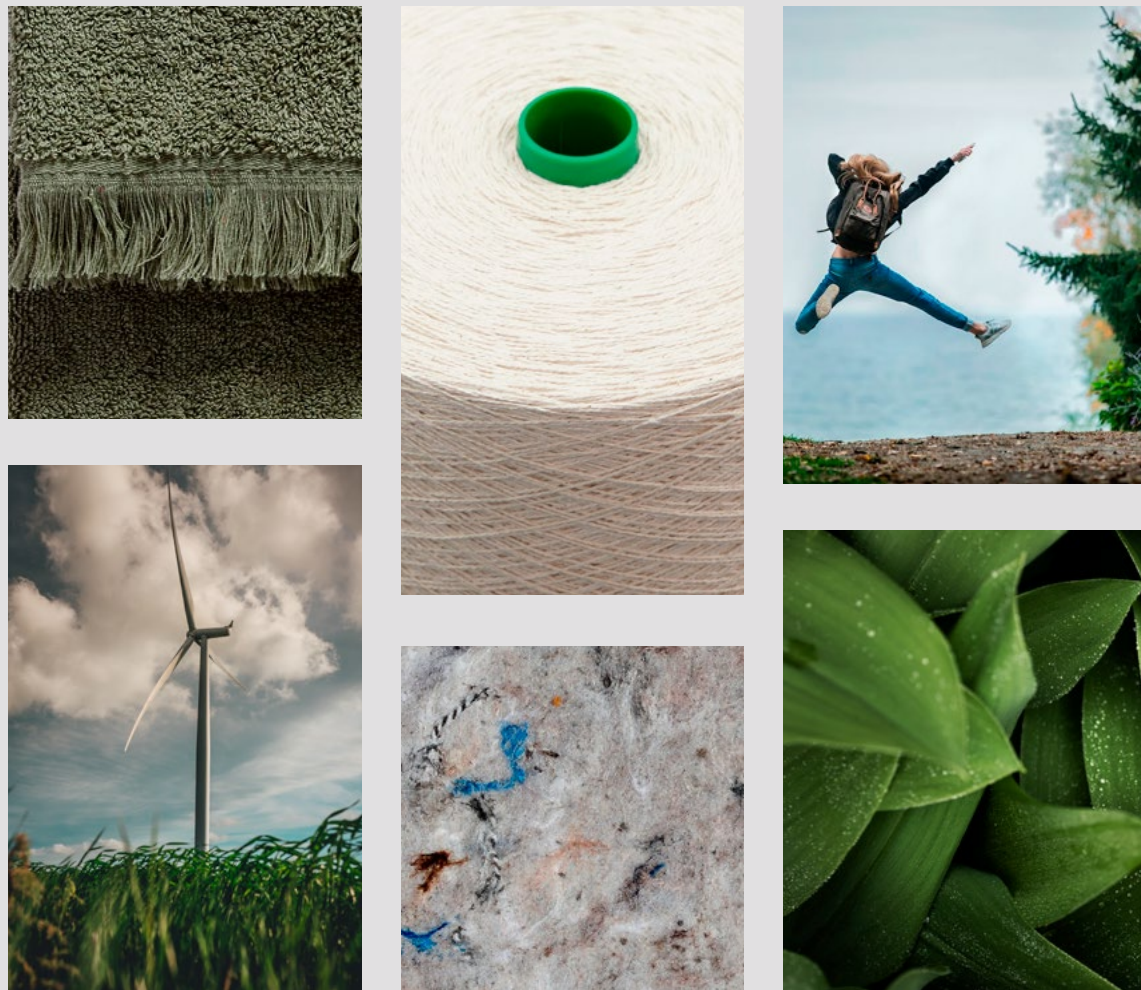
IT'S  
IN OUR  
NATURE



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The background of the slide is an abstract composition. It features a series of parallel diagonal lines in shades of olive green and yellow, running from the top-left towards the bottom-right. Overlaid on these lines is a faint, light-colored grid pattern. The overall effect is a sense of depth and movement.

## 1. ABOUT US

## MESSAGE FROM THE CEO

“We are a committed company. With a decades-long history, with solid values, with a future. And with a clear vision in which sustainability is a permanent axis.

Our path, in which we favour innovation and creativity, has always been marked by the desire to create more and better working, living and... dreaming conditions for all those around us who contribute to our activity.

When we talk about “our sustainable way,” that is exactly what it is all about: a path to be followed with Employees, Partners, Clients, Community.

Everyone is invited to do their best for a better future.

This path, rich in challenges, leads us to permanent dissatisfaction.

But ambition is also part of us and makes us find solutions that translate into more sustainable processes and products.

**Get to know and follow us on “our sustainable way.”**

Joaquim Almeida | CEO





# ABOUT US

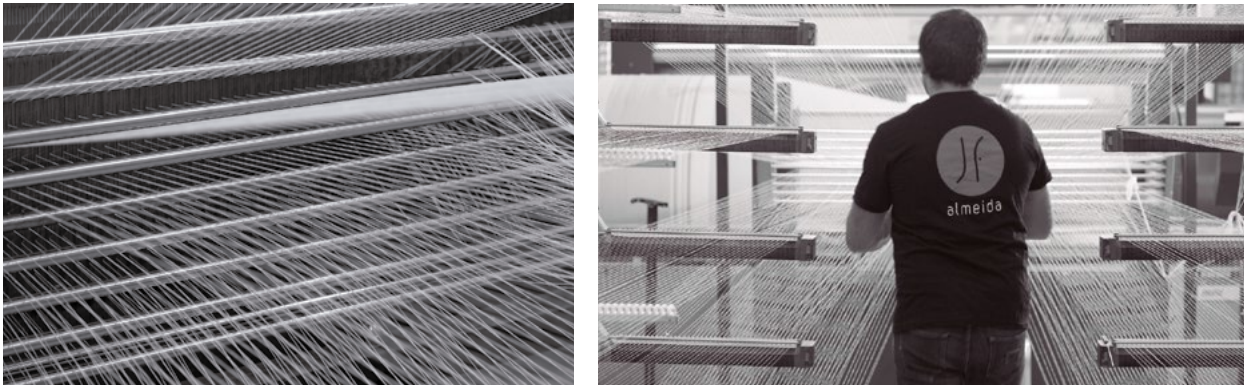
We are the result of more than 40 years of experience in creating “the home of home textiles”. Decades of team dedication, investment, evolution.

Established in 1979, in Guimarães, Têxteis J.F. Almeida, S.A. (JFA) has become a benchmark company in the home textile sector. Equipped with a modern industrial park, it currently has more than 810 qualified professionals, guaranteeing its clients fast deliveries.

JFA is a vertical company with a remarkable production capacity. It operates simultaneously in the areas of Spinning, Twisting, Weaving, Dyeing, Finishing, and Manufacturing, promptly meeting customer needs, with permanent quality control, in addition to 24-hour in-house laboratory services, packaging and shipping.

The company has an extensive portfolio in the home textile universe, as well as in raw yarn and dyed yarn. With a clear focus on the foreign market (80% of the production), JFA’s differentiation is ensured by the quality of the final product, technology, response capacity, production flexibility, and attractive designs.

The Design Department assists in all stages of product development and JFA is responsible for creating and producing the best collections of bath towels, bathrobes, tablecloths, beach towels, bed linen, homewear, products for pets, aviation, and hospitality.



# OUR VALUES

## AMBITION

Because we must be able to be better every day.

## QUALITY

Because it is crucial to ensure...

- Quality in the raw materials we use;
- Quality in the equipment we operate;
- Quality in the services and products we create;
- and... promote quality in every process and gesture of our People.

## ORGANISATION

Because we need the right resources for the right solutions.

## SPEED

Because it is important that we respond quickly and efficiently.

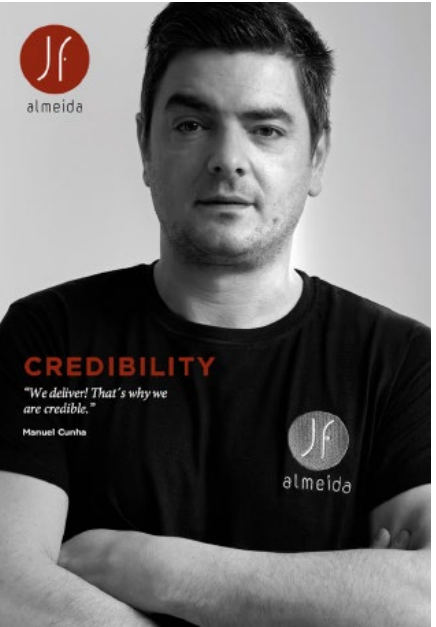
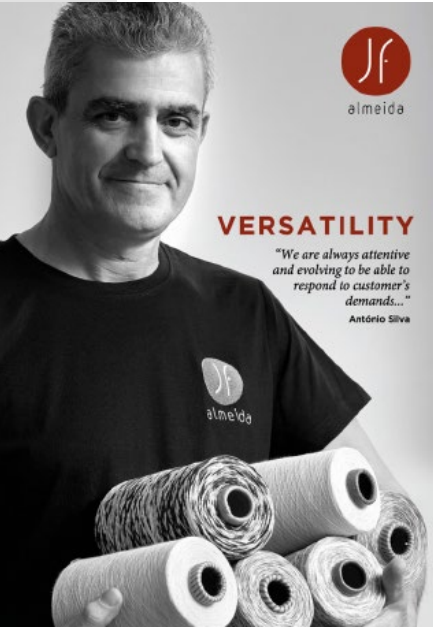
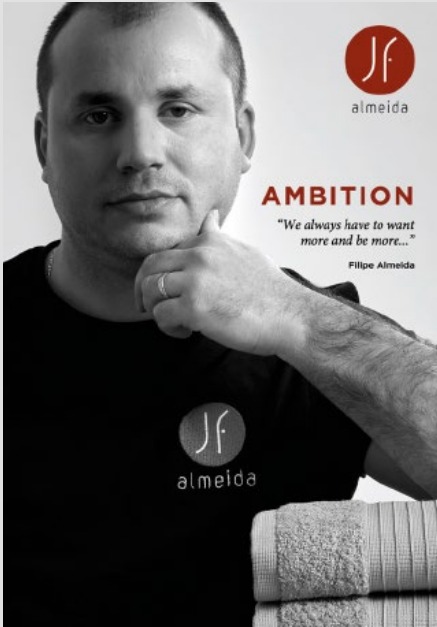
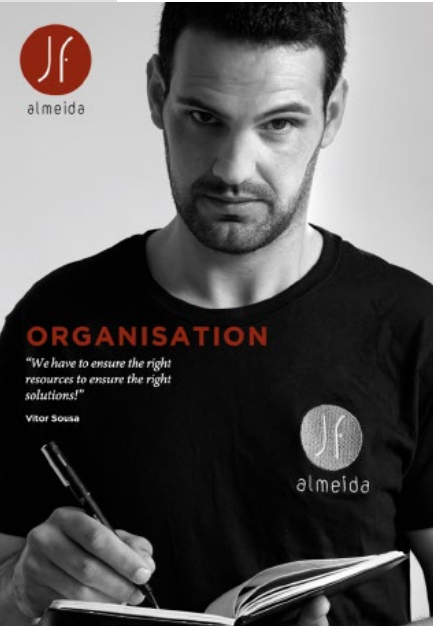
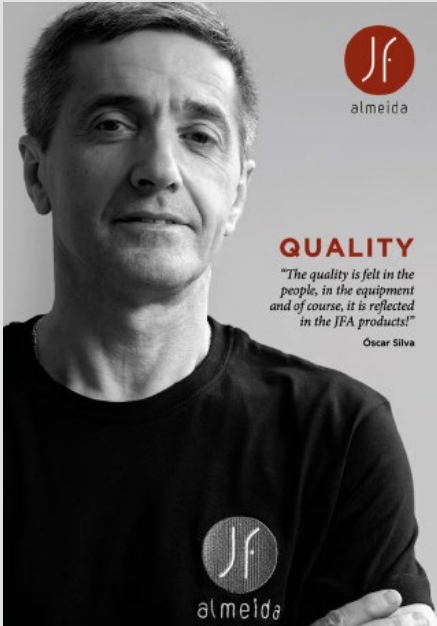
## VERSATILITY

Because we keep an eye on the market and we are constantly evolving.

These are the values that guide us towards a greater purpose.

Values that guide all efforts undertaken to support the commitments we take on:

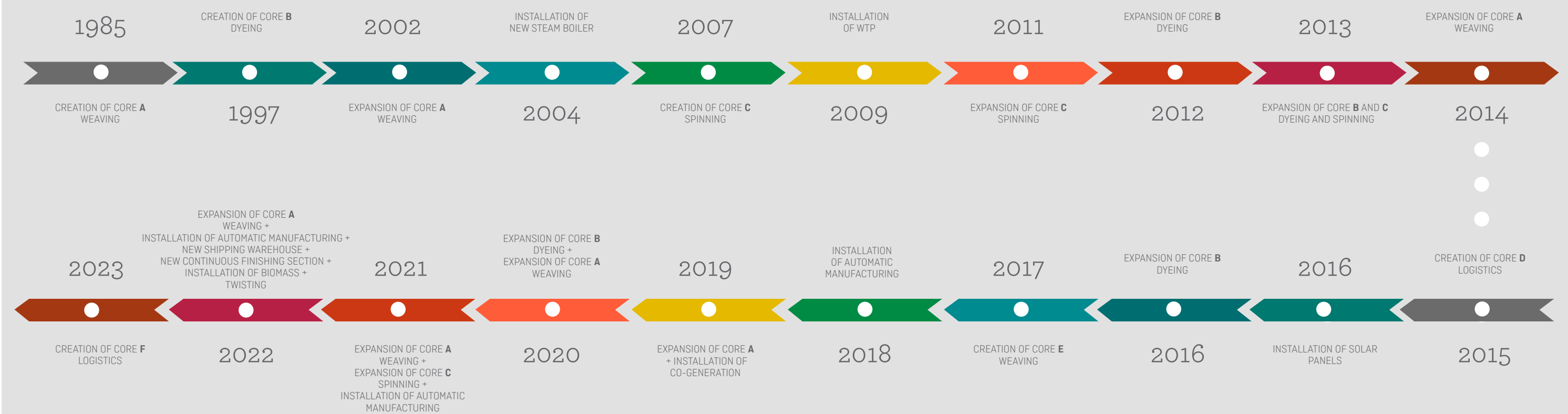
- For a more sustainable future, in which we want to adopt more and better practices in product development, management and operation that result, namely, in more rational and efficient use of water, energy and resources in general;
- For the People we deal with: Employees, Partners, Suppliers, and the Community, with whom we want to be a development factor.





# OUR MILESTONES

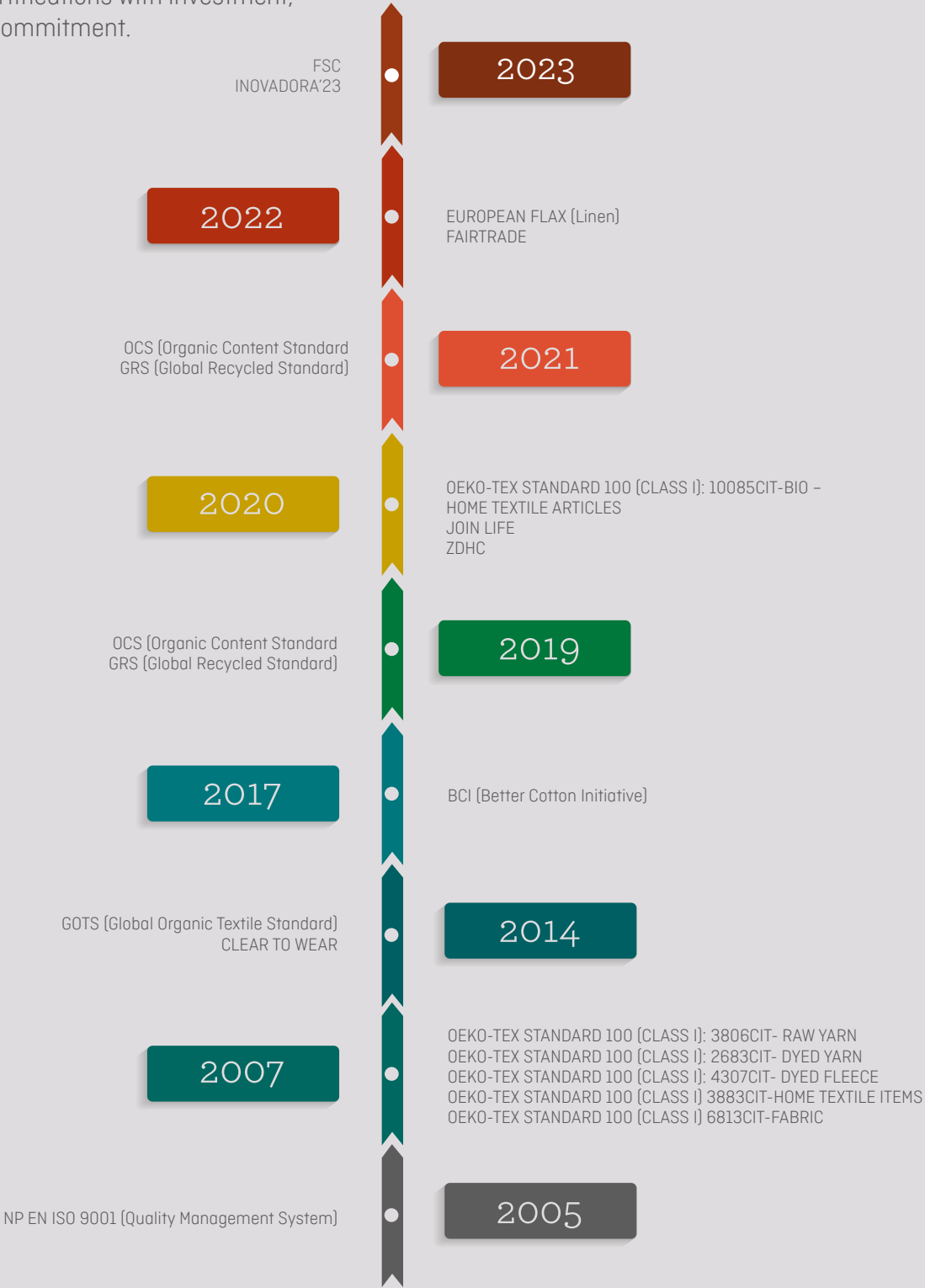
There were many challenges that required dedication, focus, and determination. And there were many people who collaborated to make us what we are today. Always with an eye on the future, we collect and celebrate special moments, combining them with greater responsibility and commitment.





# OUR CERTIFICATIONS

The permanent focus on Sustainability has allowed us to obtain the most diverse, demanding, and relevant certifications. We have carried out the periodic renewal of these same certifications with investment, ambition and commitment.



We add our ambition to the market requirements. We want to offer our clients the most sustainable solutions, which is why our processes and products undergo the most rigorous tests and meet national and international certification criteria. We are also present in organisations, forums and entities that promote knowledge and development in the areas in which we operate.

## QUALITY MANAGEMENT CERTIFICATION



## PRODUCT & SUSTAINABILITY CERTIFICATIONS



## ETHICAL, FAIR AND SOCIAL RESPONSIBILITY TRADE



## PERFORMANCE BENCHMARKING



## INNOVATION AND DEVELOPMENT PARTNERS



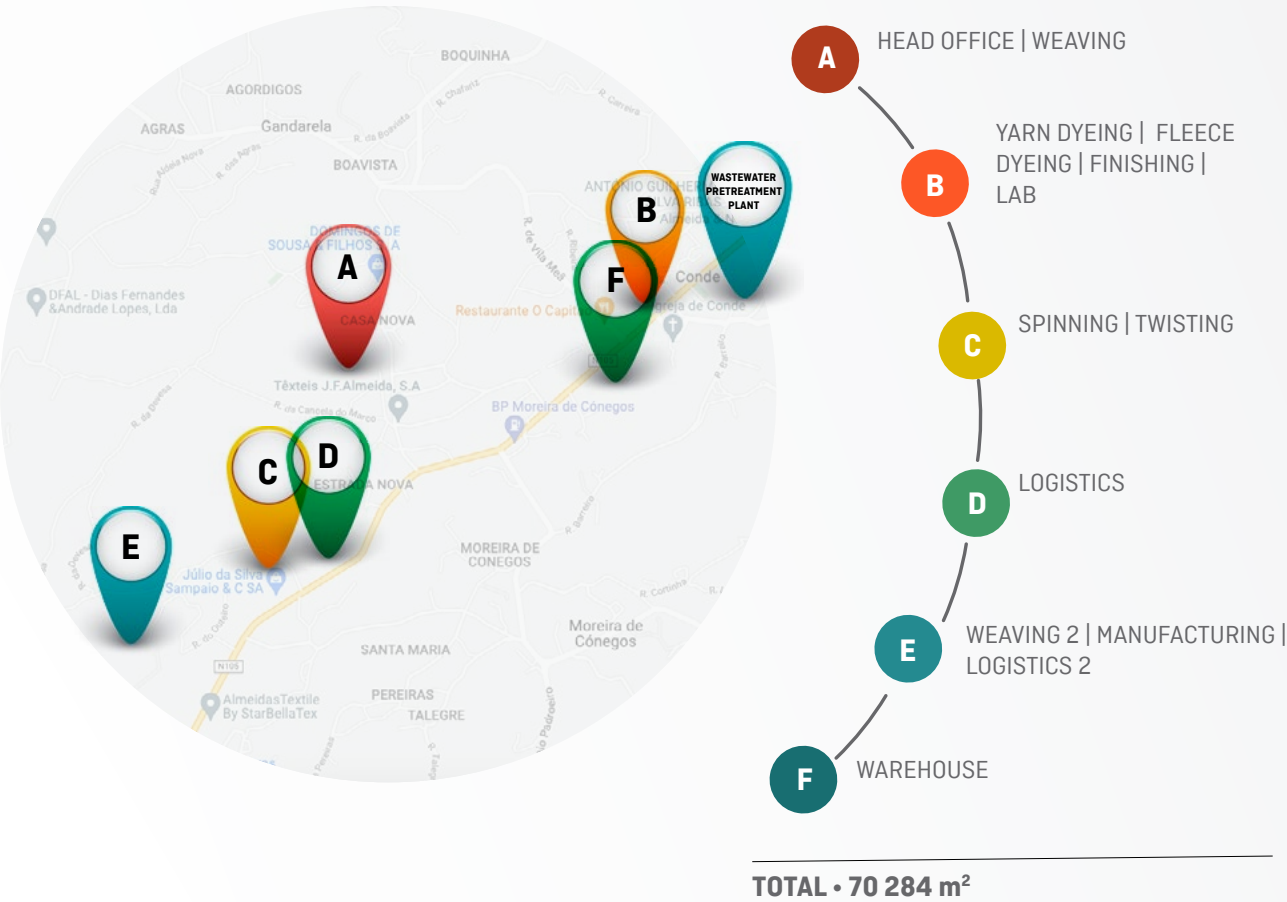
# FIND US

We integrate 6 different cores, spread over a radius of less than 5 km, with easy access and near Porto international airport (46 km) and the port of Leixões (54 km).



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PORTUGAL  
GUIMARÃES



THE YEAR 2022

TURNOVER	€58,5M
EMPLOYEES	785
INVESTMENT	€25M
FLEECE/FABRIC PRODUCTION CAPACITY	700 Ton/month
YARN PRODUCTION CAPACITY	1000 Ton/month
DYEING YARN PRODUCTION	330 Ton/month
DYEING FLEECE PRODUCTION	1000 Ton/month
BATHROBES PRODUCTION	22000 Un/month
GENERAL MANUFACTURING PRODUCTION	500 Ton/month
NEW CERTIFICATIONS OBTAINED IN 2022	2
2022 AWARDS (INOVADORA COTEC + ISPO)	2
TOTAL NUMBER OF SOLAR PANELS	9090



80%  
OF THE PRODUCTION  
IS EXPORTED TO  
FOREIGN MARKETS



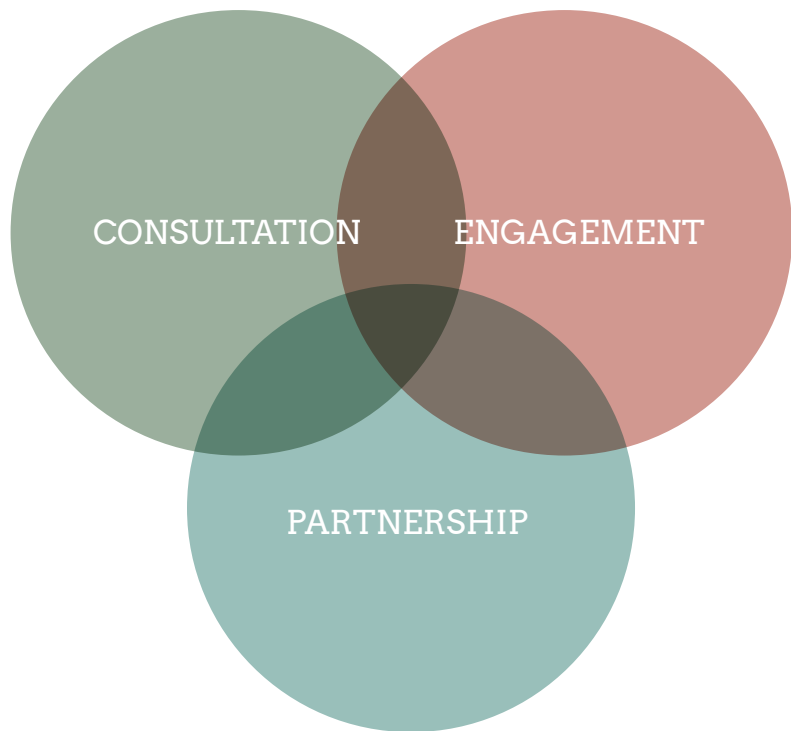
# OUR STAKEHOLDERS

We are the result of a whole. And the more aligned the parts that comprise it, the stronger it is.

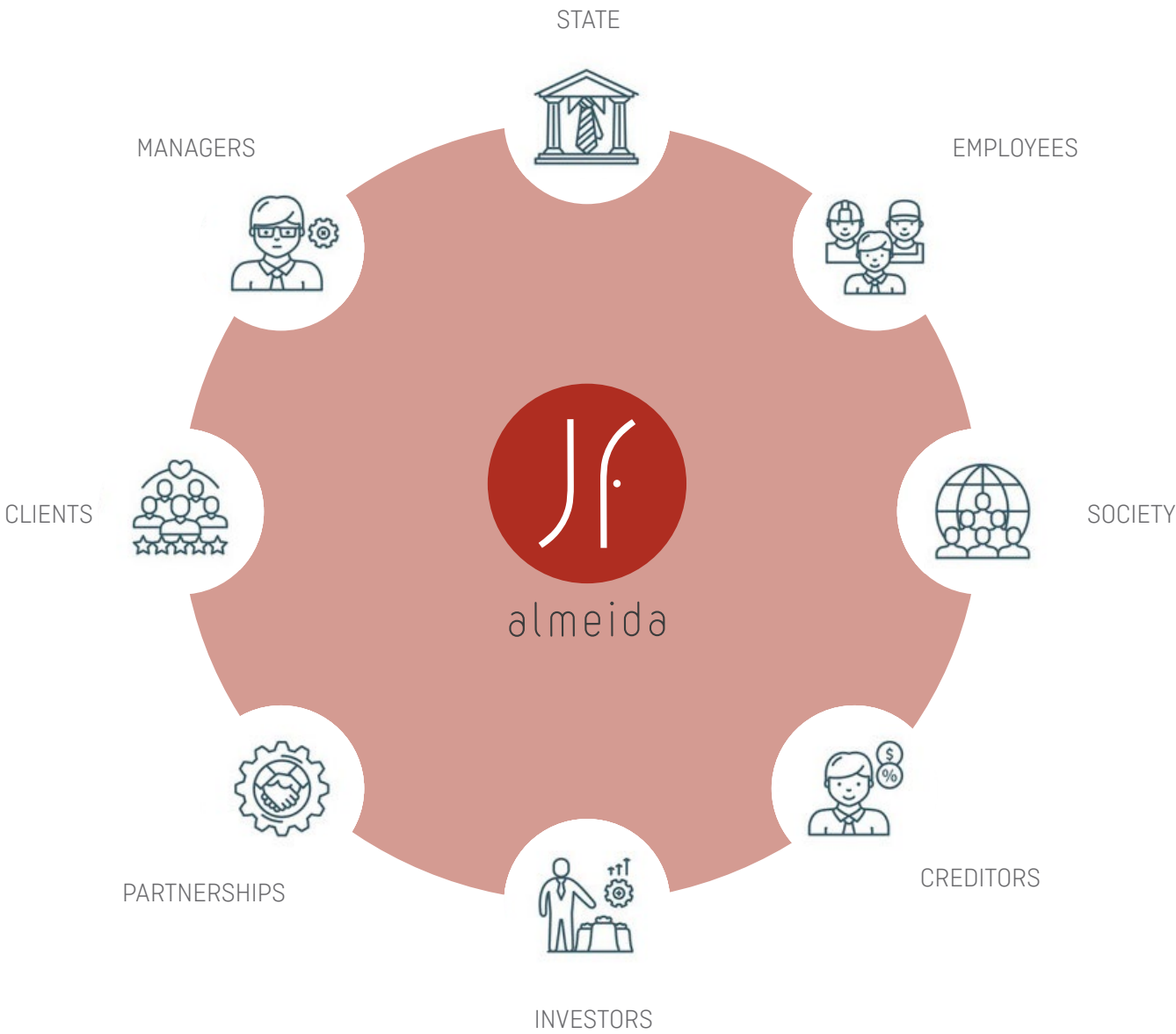
For this very reason, the relationship with our stakeholders is particularly relevant in the company’s daily activities.

Employees, Partners, Clients, Suppliers, the Board, the State and Public entities, the Community in general... We want all to share our ambition and get involved in our mission.


This engagement means the identification of their expectations regarding our action and the knowledge they have of our operation. Regarding this mapping, we believe in a consultation, engagement and partnership process that brings results in shorter terms, with lower costs, resulting in greater global satisfaction and increasing levels of sustainability.



# JFA’S STAKEHOLDERS





OUR FIGURES



ENVIRONMENTAL INDICATORS


Number of photovoltaic panels	UNIT	2020	2021	2022
Photovoltaic Production	No.	2111	2111	9090
Specific CO <sub>2</sub> emissions	MWh/year	658	658	2978
Specific water consumption	tCO <sub>2</sub> /ton	1,94	1,88	1,58
Specific chemical consumption	L/kg	87,90	77,92	71,24
Specific energy consumption	ton	0,384	0,373	0,342
	tep/ton	0,553	0,512	0,485






SOCIAL INDICATORS


Number of employees	UNIT	2020	2021	2022
Number of foreign employees	No.	597	661	785
Number of women	No.	2	7	71
Number of men	No.	204	242	324
	No.	393	419	461





GOVERNANCE INDICATORS

Employees in management positions	2020	2021	2022
Number of women in board positions	25	28	30
Number of men in board positions	4	5	5
	7	7	8







## 2. THE ESG FRAMEWORK



# THE ESG FRAMEWORK

A new corporate culture, a new look at the business purpose.  
A new performance assessment of organisations. This is what the ESG framework (Environment + Social + Governance) proposes. JFA incorporates these trends and concerns into its culture and management model.  
Each request, each project, each delivery is preceded by risk assessment practices, which generate expectations in relation to the established direction and strategy. And the search for continuous improvement is a permanent challenge for all teams.



## SOCIAL

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

- Employment equity and gender diversity
- Employees' health and safety
- Training and development
- Physical and mental health concerns
- Value chain transparency
- Human rights
- Respect for privacy and personal data



## ENVIRONMENTAL

What is our impact on the planet?

- Climate change, pollution, and waste sensitivity
- Reducing fossil fuel dependence
- Reducing the use of paper and plastic
- Efficient use and management of water and other resources
- Not using hazardous materials and their treatment
- Reducing carbon footprint and using renewable energy



## GOVERNANCE

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

- Remuneration of employees and the Board
- Diversity in the Board and in the company
- Tax strategy and accounting standards
- Ethics and values
- Transparency and anti-corruption
- Shareholders' rights
- Innovation and Development
- Non-discrimination policy
- Promoting equity at work

# SOCIAL



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The Community is an essential pillar of the ESG vision and sustainability. Paying attention, taking part and contributing to the development of our Community has long been a priority for JFA.

Proximity to educational establishments is an example of the company's intervention. We value direct speech with the younger generations, with whom we share good practices and goals regarding the careful management of resources, namely water.

With the "internal" Community, there are different projects and actions that promote a good working environment and our Employees' work-life balance.

### At the Social level, JFA has implemented:

#### Internally:

- Maternity/Paternity benefits;
- Life and health insurance;
- Hortinha JFA (JFA's Vegetable Garden);
- Social Activities with employees (e.g. Halloween, bolas-de-berlim, massage on Women's Day, sunset summer party, etc.);
- Partnerships with entities (e.g. gyms, clinics, opticians, etc).

#### Externally:

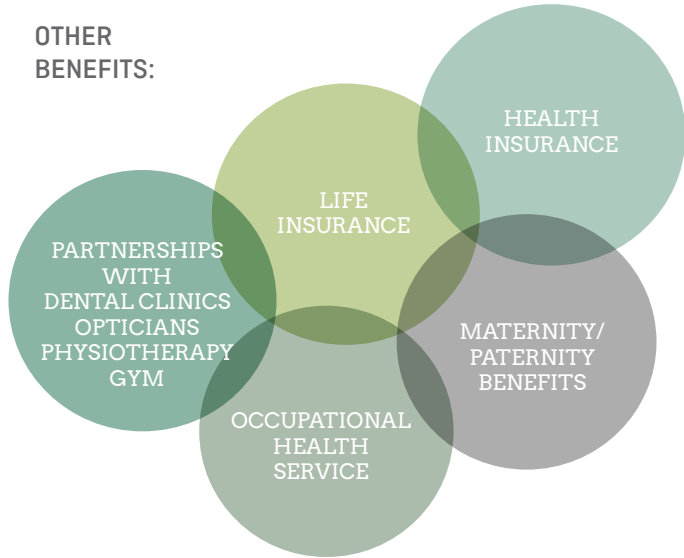
- Challenge to schools, to teach "classes" on the importance of water and our good practices;
- Supporting the community: hospitals, homes, schools, and sports clubs.

SOCIAL

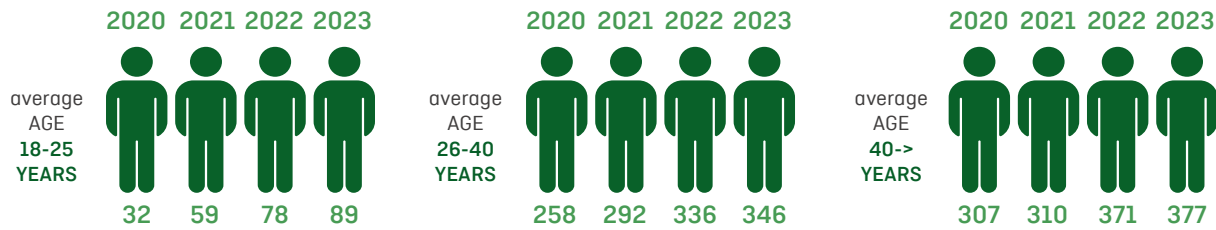
JFA recognises that it is through the work and dedication of its employees that it meets its stakeholders’ expectations. And that is why one of our main commitments is to establish an open relationship with all our employees and potential candidates, taking into consideration their individual needs, maintaining a support and benefits policy that is compatible with current market requirements.

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

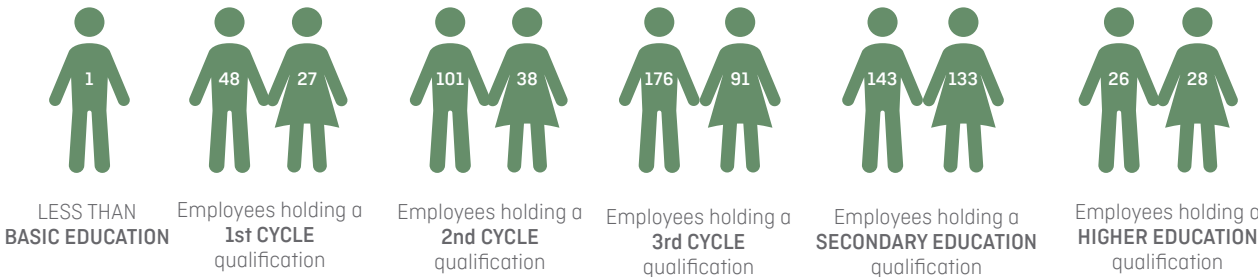
- Talent Attraction, Selection and Retention;
- Development of workers’ professional knowledge and skills;
- Continuous improvement of working conditions;
- Socially responsible attitude towards workers and the Community;
- Onboarding Manual and Code of Conduct;
- Personal data protection policy;
- Adherence to the Portuguese Diversity Charter.



EMPLOYEES PER AGE / YEAR



ACADEMIC QUALIFICATIONS 2023



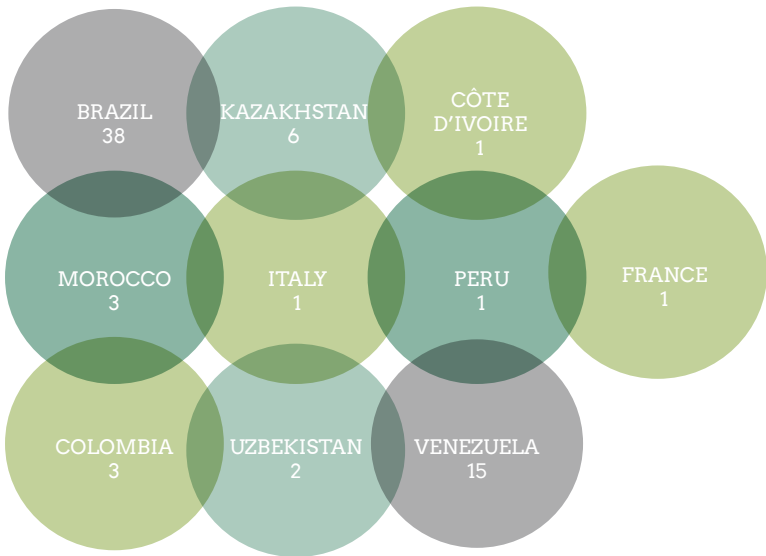
CONTRACTS

	2020		2021		2022		2023	
	Man	Woman	Man	Woman	Man	Woman	Man	Woman
Fixed-term employment contract	31	13	75	51	78	91	117	78
Permanent employment contract	362	191	344	191	383	233	378	239
TOTAL	597		661		785		812	

ADMISSIONS / EXITS

	2020		2021		2022		2023	
	Man	Woman	Man	Woman	Man	Woman	Man	Woman
ADMISSIONS	22	11	77	53	100	119	59	19
DISMISSALS	18	10	46	20	57	38	28	23
JOB CREATION	4	1	31	33	43	81	31	-4

FOREIGN EMPLOYEES 2022





# SOCIAL

We also organise a series of teambuilding actions and events aimed at raising awareness about Sustainability, such as World Tree Day and the JFA’s Vegetable Garden.



Têxteis JF Almeida, S.A.’s “Mãos na Horta” (Hands on Gardening) initiative is included in (Our Sustainability Policy Programme), which aims, in a coherent, consistent and global manner, to contribute to the continuous improvement of processes, products and employees’ quality of life. We believe that together we can help improve the environment and our lifestyle. Thus, and after having carried out the training action on Waste Management and Environmental Awareness throughout the JFA Universe, we are moving forward with the “Mãos na Horta” (Hands on Gardening) Project.



Summer JFA



Christmas Circus



Christmas Film



## SEVERAL EVENTS:

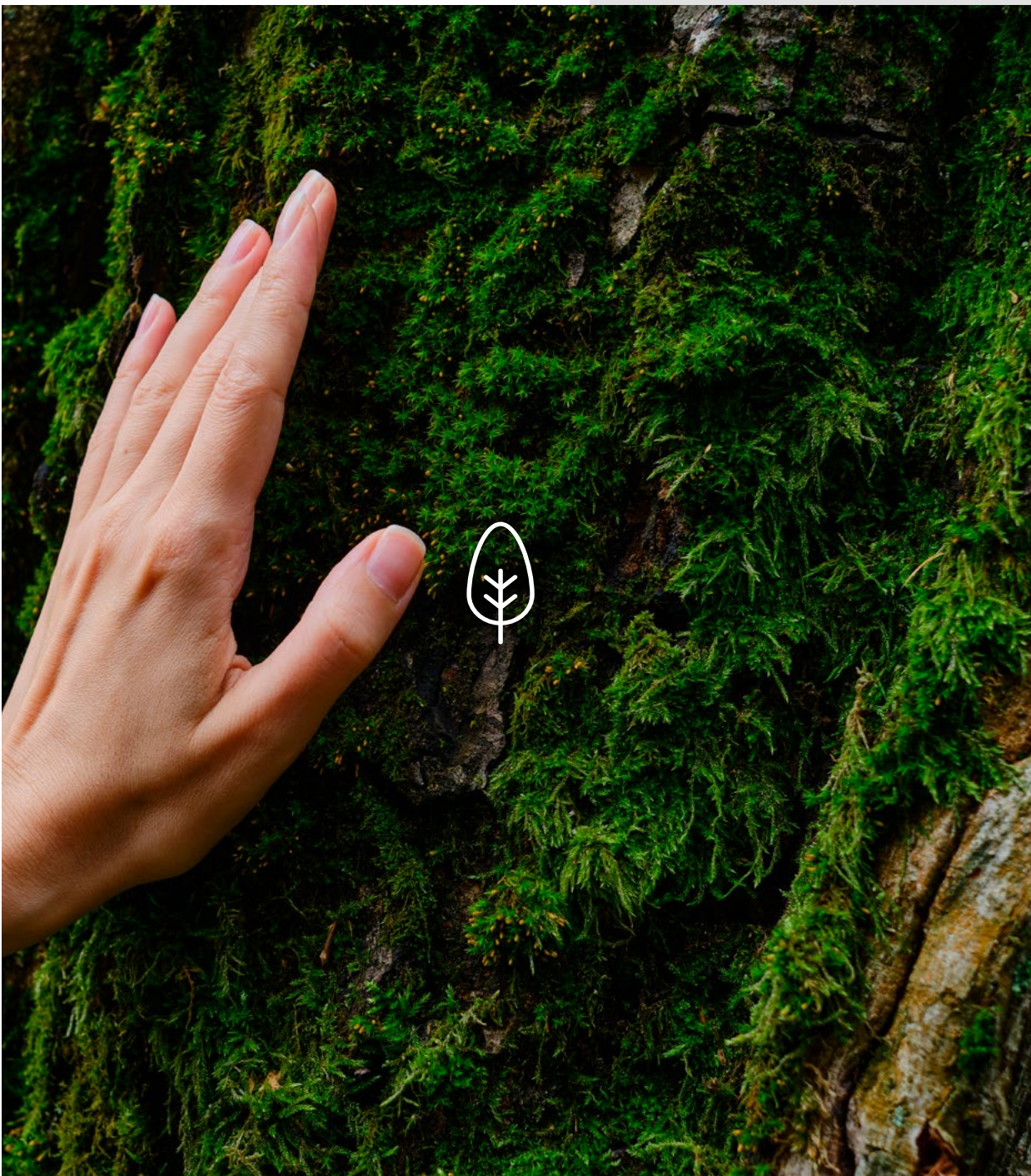


- Distribution of ice cream
- Distribution of Christmas hampers
- Distribution of bolas-de-berlim (a Portuguese pastry)
- Massages on Women’s Day
- Distribution of beach towels





# ENVIRONMENTAL



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Permanent improvement of environmental performance is part of JFA's DNA.

We face today's environmental challenges with determination. Raising awareness about environmental challenges, investing, and developing methods that allow for decarbonisation and the transition to more sustainable production models are goals we work towards permanently.

## At the environmental level, JFA has implemented:

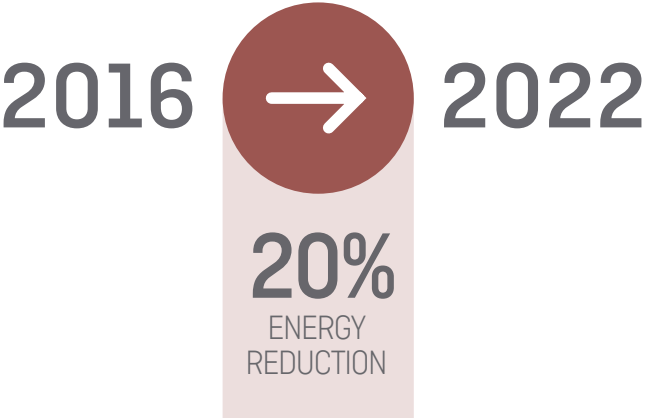
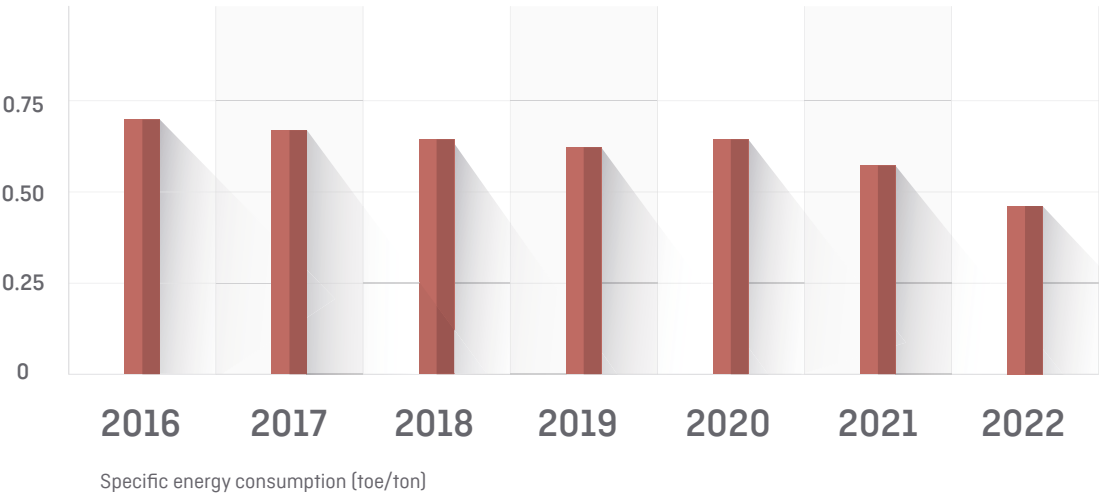
- Replacement of energy sources (biomass boiler replaces natural gas)
- Waste reduction;
- Reduction in the use of plastics;
- Water management and reuse of 30% of wastewater;
- Reuse of hot water with exchange;
- Installation of solar panels;
- CO2 reduction (biomass boiler);
- IoT (connection of machines to a computer program);
- Process and product optimisation;
- Fiber recycling (JFA 360° Recycled Yarn);
- Changing the fleet to electric vehicles;
- Lean management;
- ZDHC.



# ENVIRONMENTAL

## Energy

In 2016, JF Almeida created the Energy department. Since then, the specific energy consumption has been decreasing. **A reduction of more than 20% in 6 years.**



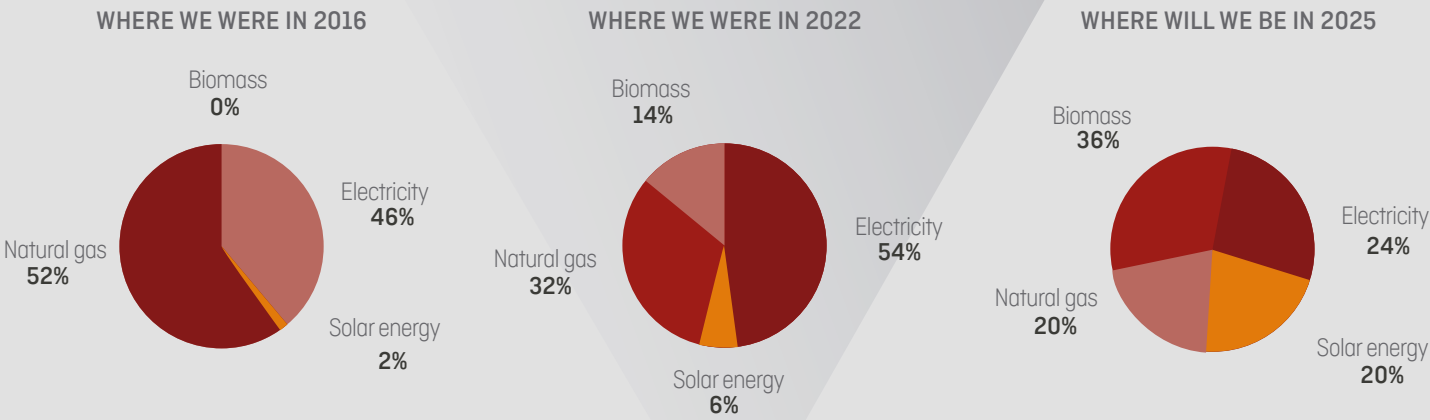
## RECENT INVESTMENTS

In 2022, investment in energy efficiency amounted to **€6M**:

- Biomass Boiler: €2,5M
- Solar Energy: €3,5M



## DISTRIBUTION OF ENERGY SOURCES



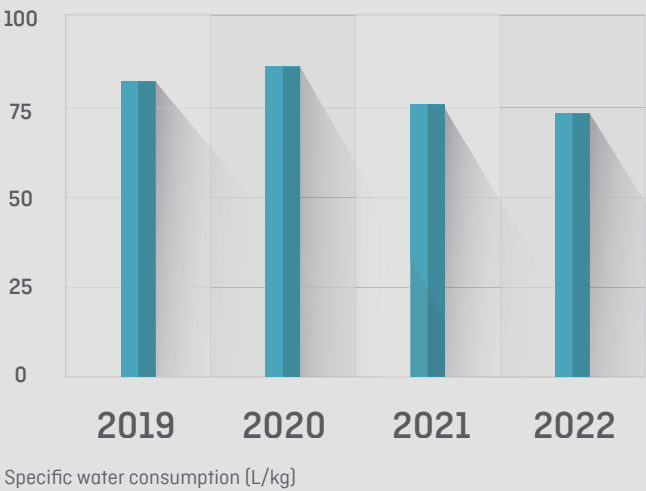


# ENVIRONMENTAL

## Water

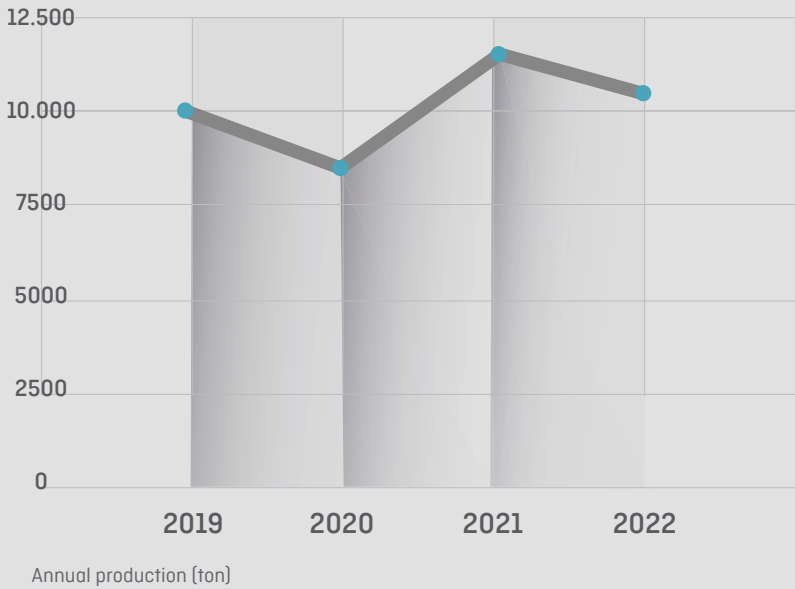
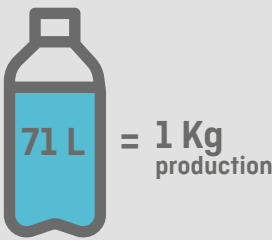
We managed to reduce the specific water consumption through the combination of 3 factors:

- 1 Dyeing process optimisation
- 2 Recycling and reuse of 30% of wastewater
- 3 Equipment upgrade



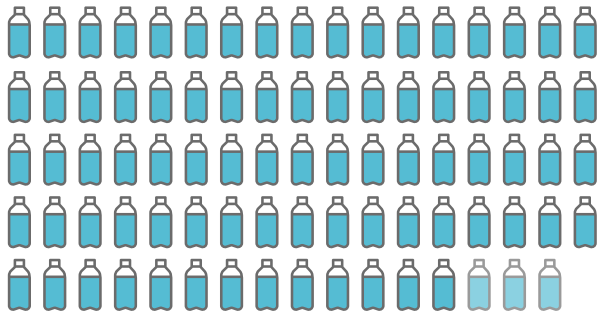
### PRODUCTION

According to our most recent data, we use 71 litres of water per kilogram of production.

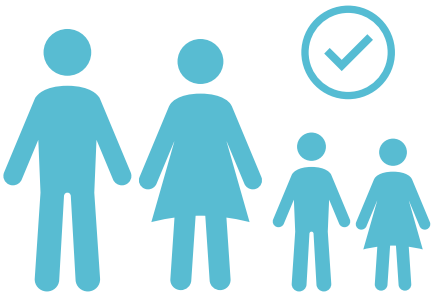


Our specific water consumption saves 86,874,000 litres of water annually\*.

\* Data from 2022, when compared to the average consumption of 2019-2021.



We reduced **86.874.00L** /year



**1.978 people** /year

This amount is enough to meet the needs of **1.978** people for an entire year.

70% of the water is collected from the river Vizela and from private wells; 30% is reused from previous dyeing processes.

WHERE WE WERE IN 2016      WHERE WE WERE IN 2022      WHERE WILL WE BE IN 2025



91 L/Kg



71 L/Kg



50 L/Kg

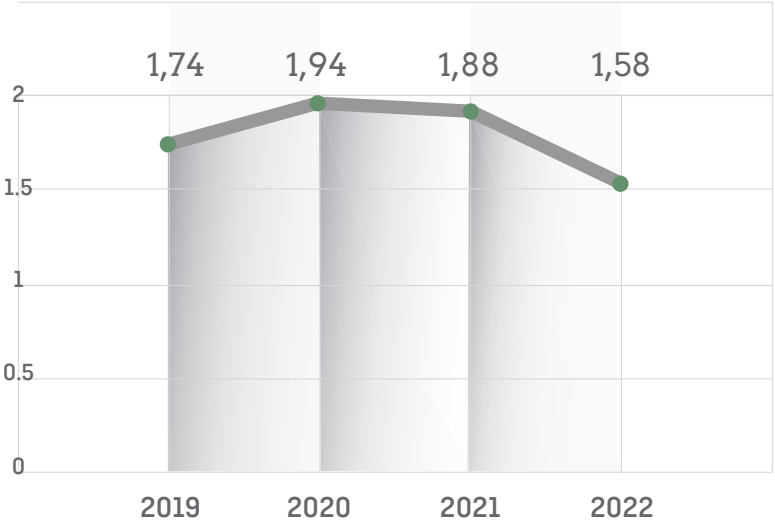
# ENVIRONMENTAL

## Decarbonization

With the combined effort of reducing energy consumption and modifying energy sources, we managed to significantly reduce our carbon footprint in 2022.

**16%** REDUCTION IN CO<sub>2</sub>

Although the major decarbonization projects only started in the second semester of 2022, we managed to achieve a **16% reduction in CO<sub>2</sub> emissions** compared to previous years.



### OUR GREEN ENERGY

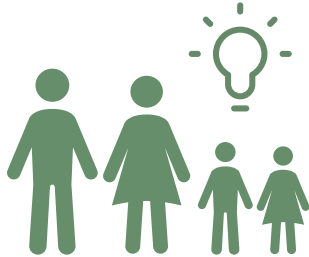
We already have 9,090 solar panels installed that occupy 100% of the available area and produce 5.86 GWh per year. This would be enough to supply 4,294 families a year.



**9090** Solar panels installed



**5,86 GWh**  
Power production capacity /year



Enough to supply **4294** families a year.

## OUR PLAN FOR THE FUTURE



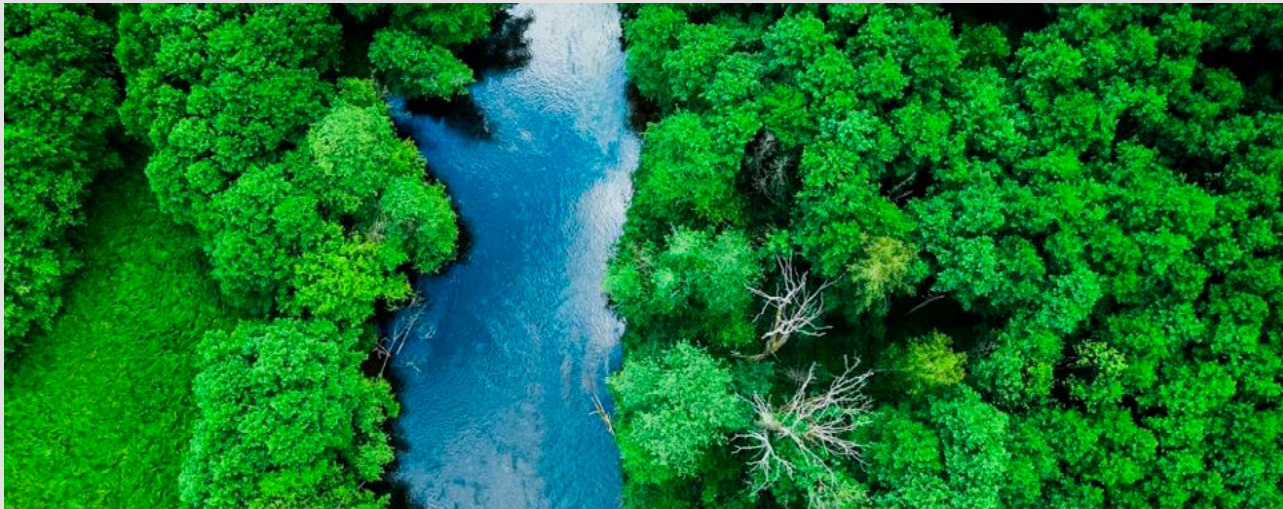
Solar energy at full capacity, integrated through an energy community.



Steam produced in biomass boilers.



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



### OUR ROADMAP FOR 2025

Reduction of carbon emissions (when compared to 2021 values)





# GOVERNANCE



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Corporate behaviour, ethics, core values, a specific mission, and a unifying vision... all these factors contribute to the company's value. All require accountability and transparency. It is about respecting and promoting the development of those who work directly or indirectly with JFA.

**In terms of Governance, JFA implemented:**

- Code of ethics and conduct;
- Promotion of Innovation and development;
- Circular economy;
- Equal pay and non-discrimination;
- Incentive to productivity;
- Data protection.



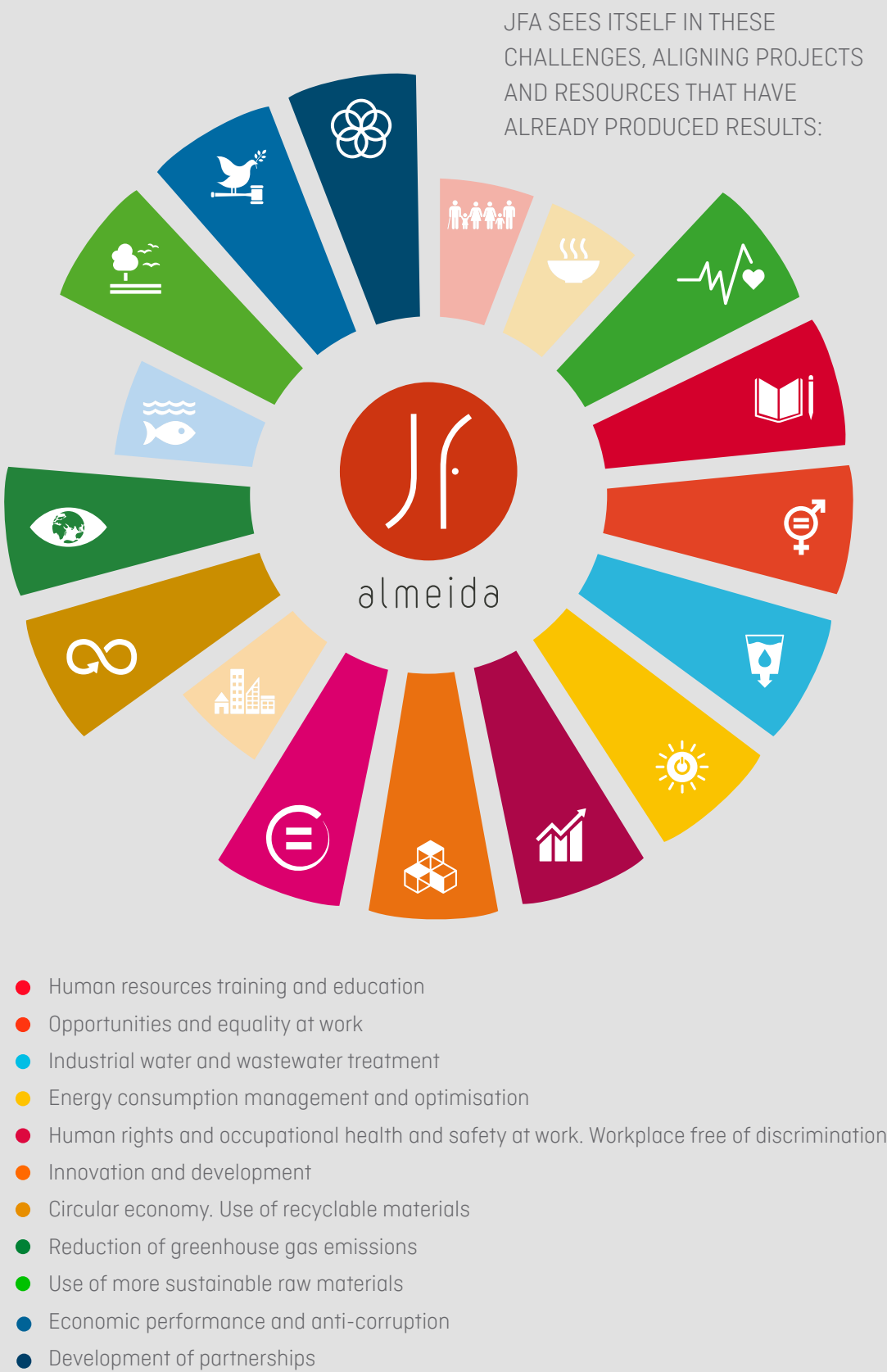


# OUR CONTRIBUTION TO THE SDGs



The 2030 Agenda for Sustainable Development, to which all Member States of the United Nations adhered in 2015, establishes priorities for sustainable development, in the 2030 horizon, for which global efforts must be mobilised, converging on common goals.

There are 17 Sustainable Development Goals (SDGs) that call for action and accountability from all. A global partnership for a global future.





A photograph of a dense forest with a blue fringed textile hanging from a tree trunk. The textile is a vibrant blue with a fringed edge and is draped over a tree trunk. The background is filled with green foliage and tree branches, creating a lush, natural setting. The text "3. SUSTAINABLE PRODUCTS AND PROCESSES" is overlaid on the right side of the image.

### 3. SUSTAINABLE PRODUCTS AND PROCESSES



# OUR SUSTAINABLE PRODUCTS AND PROCESSES

All operational and investment decisions are made considering the ESG impacts. We approach daily activities with a perspective of continuous improvement, to optimise resources and minimise the impact of our processes on the planet. Water, energy, and raw materials are at the heart of our concerns.



FIBERS



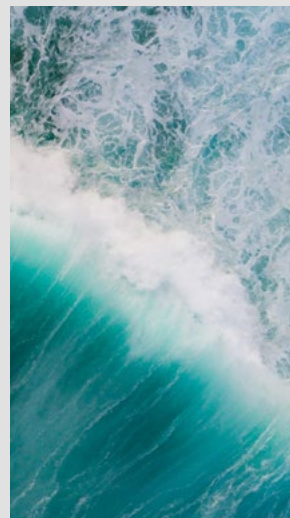
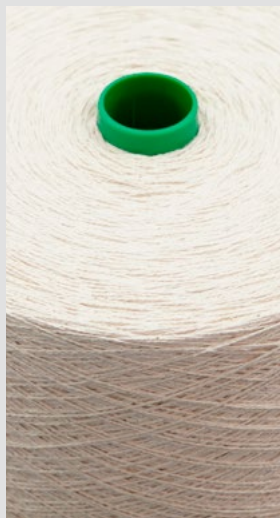
YARN



FINISHED  
PRODUCT



FINISHES



# FIBERS



# COTTON

Cotton is our quintessential raw material. Cotton is a fiber with very special characteristics, it provides comfort, durability and textures that have been appreciated for centuries.

The balance between Sustainability and Quality of the final product leads us to the constant search for the best cotton, for each specific application, as well as to the ever-increasing preference for types of cotton that ensure eco-friendly origin, cultivation, and processing.





## GOOD EARTH COTTON



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

Good Earth Cotton® is positive for the climate, that is, throughout its growing cycle, it reduces carbon (CO<sub>2</sub>) emissions into the atmosphere. Good Earth Cotton® has paved the way for cotton cultivation around the world to be carbon negative, water efficient and have a low energy impact. Positive, traceable, and renewable – Earth needs us to turn back the clock on emissions!



## ORGANIC COTTON



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

Often also called “natural cotton,” it is distinguished by being organically grown cotton, with low impact on the environment and on the selection of plants that are not genetically modified and without the use of any type of fertiliser, pesticide, or other chemicals in its cultivation.

In this way, a healthier fiber is obtained that is less likely to cause complications such as allergies, asthma, or other types of diseases. It has a soft texture and is ideal for home textile products. As this is an eco-friendly fiber with excellent health benefits, it is also suitable for children’s and babies’ items.

**In addition to cotton, we have reinforced our offer of different fibers, benefiting from the qualities that each one can bring to our products.**

## COTTON – PIMA



- Extra-long fibers  $\geq 38$  mm
- Extremely fine and soft fibers
- Farming without the use of pesticides or fertilisers
- Hand-picked cotton to keep its characteristics intact
- Resistance and durability

Pima cotton is a noble species of cotton that many experts consider to be one of the best in the world.

Pima cotton originates from Peru and is currently grown in the Piura region and the entire growing area benefits from favourable weather conditions, with an average annual temperature of around 34°C.

Pima cotton’s scientific name is *Gossypium Barbarense*.

## COTTON – WOOL



- Natural
- Ecological
- Renewable and Biodegradable
- Comfortable
- Heating
- Odour resistant
- Hypoallergenic

JF Almeida introduces the cotton wool yarn with an 80% cotton and 20% wool mixture. In the same yarn, the advantages of two types of fibers that have been used by Mankind since time immemorial.

The soft, smooth, and absorbent touch of cotton is combined with the breathability, thermal comfort, moisture regulation and sustainability of wool.

This yarn can be made of organic cotton.

## HEMP



- Natural
- Antibacterial and antifungal
- Ecological
- Super breathable
- UV protection
- Rich in antioxidants
- Odour resistant
- Hypoallergenic

Hemp is considered by many to be the most ecological textile fiber.

This is a fiber of organic vegetable origin. It is stronger and more resistant than cotton and its production has the least impact on biodiversity.

Its durability and resilience are unrivalled, as are its antimicrobial and antifungal properties. It is a fiber with a comfortable and fresh touch and translates a cool thermal sensation to the skin. It has a good moisture absorption capacity and good air permeability, which makes it possible to have absorbent items with breathable surfaces. Hemp has a long fiber with a stable molecular structure, which translates into a regular texture, and it has the ability to reduce static electricity and also has antibacterial properties.

## LYOCEL (CLY)



- Absorption
- Smoothness
- Hypoallergenic
- Resistant
- Eco friendly

Lyocell is an artificial fiber extracted from wood pulp cellulose, usually eucalyptus. This is an eco-friendly fiber, as it is obtained from trees in self-sustaining forests. Nowadays, it is a reference among sustainable fiber options. Items made with lyocell fiber are soft to the touch, which provides a feeling of well-being. The pleasant feeling on the skin is strengthened by the lyocell fiber properties, such as its high absorption and softness.

It is a hypoallergenic fiber, ideal for sensitive skin. The production of lyocell fiber does not use toxic products and uses half the water needed 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, originating from an herbaceous plant, and was used by the Egyptians to embalm mummies as a message of purity and light. Linen fibers are considered one of the noblest and therefore widely used in exquisite items around the world. Known for its high durability, which increases with each wash, it is more resistant than cotton fiber, and offers a good fit. It is a fiber with soft and refined touch characteristics, perfect for bed and table products.



# KAPOK



- Hydrophobic and good floating effect
- Lightweight
- Biodegradable
- Comfortable
- Very fluffy
- Fast drying
- Hypoallergenic

# ALPACA



- Natural
- Ecological
- Light
- Renewable
- Biodegradable
- Comfortable
- Smooth
- Odour resistant
- Hypoallergenic

# BAMBOO



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

# BANANA



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

# CORK



- Eco friendly
- Water resistant and stain resistant
- Hypoallergenic
- Health and safety
- Durability and Resilience
- High Frictional Resistance

# HIMALAYAN NETTLE



- Natural and sustainable
- Stylish and durable
- Great resistance to wrinkling
- Antimicrobial and antibacterial
- Soft and flexible
- Hypoallergenic

# PINEAPPLE



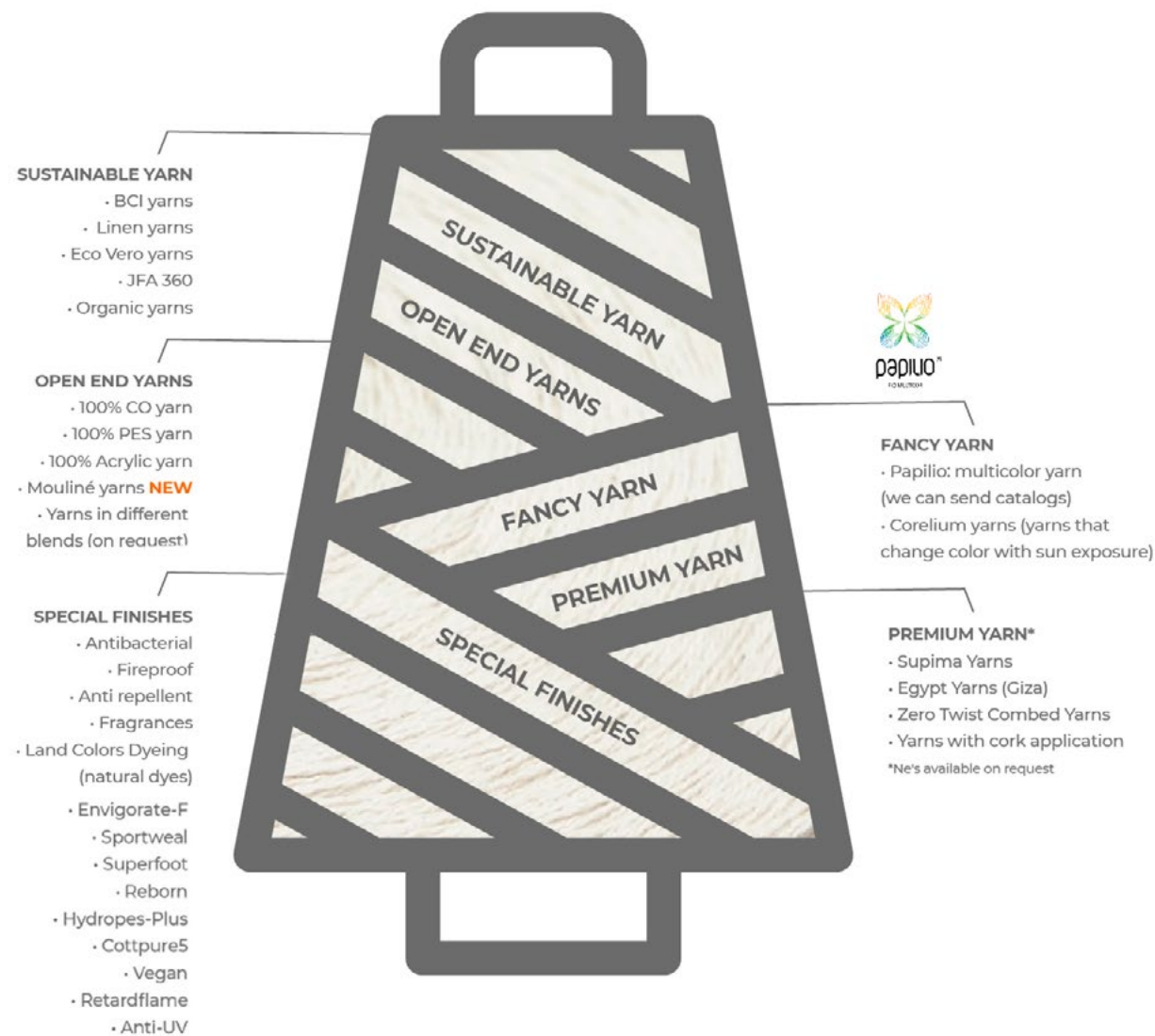
- Natural and sustainable
- Biodegradable
- Ecological
- Breathable
- Very resistant fiber





# YARN

JFA has an extensive yarn portfolio offering a wide variety of finishes. We can develop and implement the best solutions for a final product that surprises with its quality.



# PAPILIO



Papilio is a brand built on pillars of excellence, which promotes and guarantees quality and transparency standards for the market and for its clients and partners. Papilio yarn can be produced in any combination of fibers and colours, therefore, it can be used in an infinite range of products. Some examples of sectors where Papilio is used and which show its versatility are sports, clothing, home textiles and the automotive industry.

## ENVIRONMENTAL SUSTAINABILITY:

In addition to its innovative, versatile features and its high quality, the Papilio dyeing process also has the following sustainability advantages compared to normal yarn dyeing.

- **Cold process:** Unlike normal yarn dyeing, Papilio's stamping process does not require the use of thermal energy.
- **Fewer auxiliary products:** Papilio dyeing requires only about 1/3 of the auxiliary products of normal dyeing. No salt or hydrogen peroxide are used.
- **Significantly less intense mechanical and chemical process:** Allows to minimise deterioration and changes in fiber properties resulting from dyeing and finishing processes.
- **0% reprocessing.**

# 360 JFA



- Recycled
- Sustainable
- TIR
- DES
- CRU

Recycled cotton is made from textile scraps in production or from pre-consumer textile waste. These are mechanically recycled, ground into fibers, transformed into new yarn and giving rise to new textile items. JF Almeida’s concern for the environment starts right in the selection of raw materials in order to reduce the consumption of traditional cotton and introduce more sustainable fibers, which were not widely used in home textiles, such as organic cotton, lyocell, modal, bamboo viscose, linen, hemp and nettle fiber. JF Almeida has invested in recycled yarn, which already accounts for 10% of the turnover, and is also GRS certified.



360 JFA Film



**-3.88 Trillion**  
LITRES OF WATER

**-388 Tonnes**  
OF PESTICIDE

This is a process that started about six years ago. After analysing the waste resulting from the different areas, from spinning to finishing, weaving, and manufacturing, the materials are separated by shade and composition, and sent for grinding and then to be spun. The first yarn was made with recycled cotton and polyester, but nowadays the 360 yarn is already available in several blends, such as 50% GRS cotton - 50% organic cotton, or 50% GRS cotton - 50% bamboo viscose. **With these initiatives, JF Almeida is able to use 100% of its internal textile waste and has already avoided the use of 388 tonnes of virgin cotton, equivalent to 3.88 trillion litres of water and 388 tonnes of pesticides.**

## 3 TYPES OF 360 JFA YARN

TIR - Loom strips  **360 TIR YARN: 50% CO | 50% CO-GRS**

DES - Items waste  **360 DES YARN: 70% CO-GRS | 30% PES-GRS**

CRU - Raw cotton waste  **360 CRU YARN: 50% CO-GOTS | 50% CO-GRS**





# FINISHED PRODUCTS

JFA has been making a clear and constant commitment to sustainability in order to reduce its ecological footprint and present its clients with increasingly sustainable products. Circular Economy, Organic Cotton, Natural Fibers, special finishes... these are concepts, products, and processes that we continually review to ensure strict sustainability criteria. We are pleased to present the result of our effort!







- Antibacterial
- High absorption
- Anti-odour
- Fast drying
- Recycled
- Recyclable



Drytec Film



For the 2nd consecutive time, Drytec towels have been awarded the ISPO TexTrend Awards. JFA's Drytec technical towels are perfect for sports and outdoor activities.

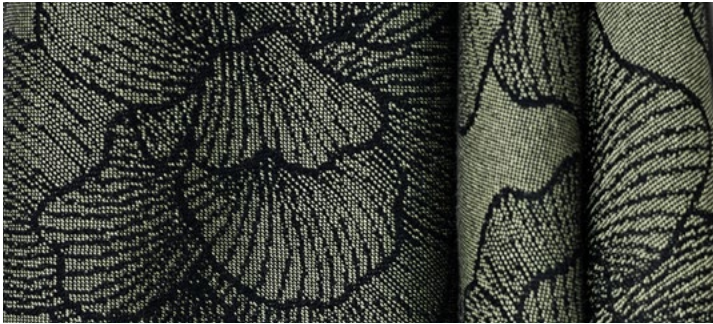
VEGAN





# SERVICES

## ECO-PREP



The textile item must be carefully prepared for the dyeing and finishing steps. Following this premise, JF Almeida developed a new preparation, ECO-PREP, a textile preparation based on BIOBASE. ECO-PREP makes it possible to eliminate all impurities and dirt from the fiber or acquired during previous processes such as spinning and weaving. After this stage, the textile product acquires ideal characteristics to receive the required dyeing and finishing. The ECO-PREP finishing uses bio-based products (minimum 25%).



**25%** BIO-BASED PRODUCTS

## LANDCOLORS



LANDCOLORS dyes derive from natural sources, they are not harmful to the environment. The LANDCOLORS dyeing process allows saving 30% of water and spends 20% less of the process time, when compared to the traditional dyeing process, and does not use salt (electrolyte) in its dyeing, which makes LANDCOLORS a low environmental impact process.

**100%** NATURAL BASED PRODUCTS    **30%** REDUCTION IN WATER    **20%** REDUCTION IN PROCESS TIME





# INFUSION



Infusion dyeing is a natural and ecological dyeing. In its dyeing, electrolytes, and alkalis, such as sodium chloride and sodium hydroxide, are not used. It does not use artificial dyes, but natural pigments: leftover tea leaves.



**100%** NATURAL BASED PRODUCTS

# COOTPURE5



The COTTPURE5 finish (bacterial/fungal/viral/refreshing and sustainable finish) incorporates the highest technology products that fully eliminate fungi, viruses, and bacteria on the surface of textile items, especially in fleece. It gives a fresh and pleasant touch and promotes long-lasting protection and high resistance to washing, being an ecologically sustainable product.

# ECO DYEING



There is a great reduction in energy and water consumption since this is a cold dyeing process. The dyes are applied in a dry medium and transferred to the textile pieces through a solid agent. The dyes are fixed on to the fibers with binders. The reduced amount of water used in this process is only for washing and softening the pieces.





A close-up photograph of a green leaf, showing a network of veins. A central vein runs horizontally across the middle of the frame. Several other veins branch off from this central vein at various angles, creating a complex, organic pattern. The leaf's surface has a slightly textured appearance with small, irregular indentations between the veins.

## 4. SPECIAL PROJECTS



JF Almeida is part of consortia and partnerships of different nature, very oriented towards innovation in Sustainability themes. As is the case with:



Led by CITEVE (Centro Tecnológico das Indústrias Têxtil e do Vestuário de Portugal - Technological Centre for the Textile and Clothing Industries of Portugal), the BE@T project includes 54 promoters (companies, universities, technology centres and other entities) that will work in partnership on sustainable bioeconomy, specifically on the development of new raw materials, manufacturing and processing technologies and equipment.



The GIATEX project integrates about 30 entities and aims to address the challenges faced by textile companies in terms of intensive water consumption.

For this purpose, it is intended to develop a set of tools that allow companies to:

- Reduce specific water consumption;
- Assist in the decision on the final destination to be given to wastewater



Texpact intends to increase 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 at:

- capacity-building for the development of digital products and services;
- improving the digital skills of the sector's professionals;
- enhancing the Portuguese industry for the production of advanced production systems.



The tExtended project has the general goal of reducing textile waste, developing, and showing effective textile recovery, waste recovery and recycling processes, combined with digital tools, detection systems and data-based solutions to support the sustainable circularity of textiles.



A low-angle, upward-looking shot of a wind turbine. The turbine's tower and nacelle are visible, with three long blades extending outwards. The sky is filled with large, billowing white and grey clouds, creating a dramatic and textured background. The lighting suggests a bright day, with some areas of the sky appearing darker due to the cloud density.

## 5. TESTIMONIALS



**JULIANA ALMEIDA**  
MARKETING DIRECTOR

"Our sustainable way is, more than a short-term tactic, a direction for the future. Something we have been building for a long time with our stakeholders."



**JOÃO ALMEIDA**  
DYEING CENTRE DIRECTOR

"Sustainability is a path, an unavoidable commitment. We have the will, and we have a strategy. And the results are already showing."



**PAULO BASTO**  
PRODUCTION DIRECTOR

"The sustainable label must be demanded by the end customer. And we are here to ensure the product is compliant!"



**MARCO BARROS**  
R&D

"We want to anticipate needs, proposing solutions to our client that respond to the market's growing sustainability sensitivity. The end customer pays more attention and, therefore, the entire value chain must respond."



**PAULO LOPES**  
PRODUCT MANAGER

"We must act with consistency and coherence. From the choice of raw material to the finishing, our choices must always be based on ensuring sustainability."



**SUSANA ABRANTES**  
CFO

"We are preparing for the near future, in which sustainability performance metrics will have a specific translation in the company's assessment. Sustainability is value."



**MARIANA GOMES**  
ENERGY MANAGER

"Process improvement, optimisation, monitoring... There is a whole path that we have been following, along with raising employees, partners, clients, and suppliers' awareness about sustainability!"



**PAULO PACHECO**  
COMMERCIAL DIRECTOR

"Our product portfolio evolves with sustainability, but it is also the result of JFA's innovation and proactivity."





“

The world doesn't  
belong to leaders,  
the world belongs  
to all humanity.

THE DALAI LAMA

Success is not final,  
failure is not fatal:  
its the courage to  
continue that counts.

WINSTON CHURCHILL

”



almeida

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