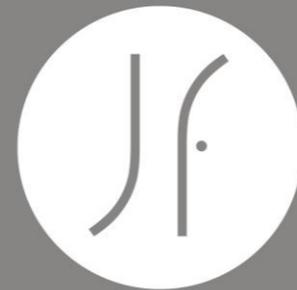
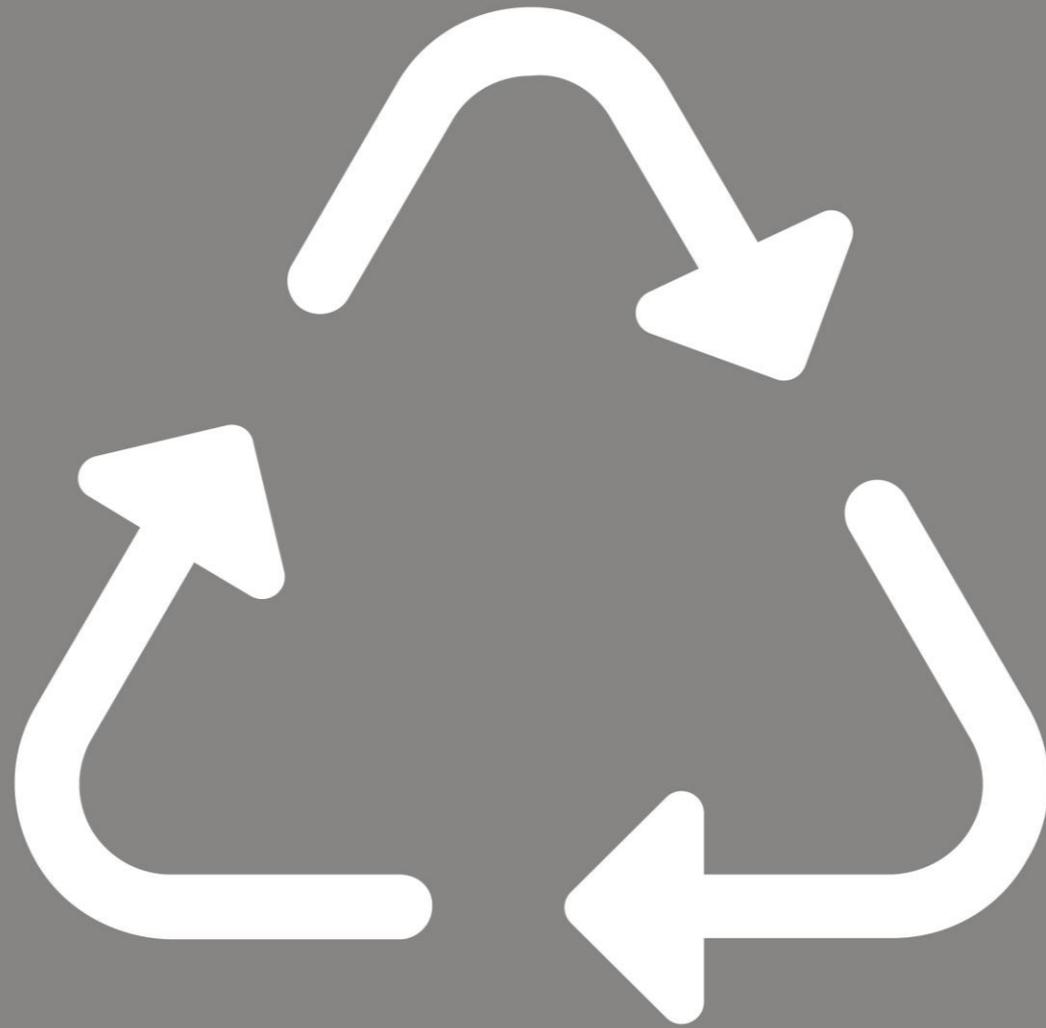


OUR SUSTAINABLE WAY

SUSTAINABLE
OUR SUSTAINABLE WAY



almeida



OUR SUSTAINABLE WAY

about us

Founded in 1979, at the northern Portuguese city of Guimarães, Têxteis J.F. Almeida, S.A. (JFA) has become a benchmark company in the home textiles' sector. Alongside its modern industrial equipment, it currently employs 600+ qualified professionals, ensuring their clients quick lead periods.

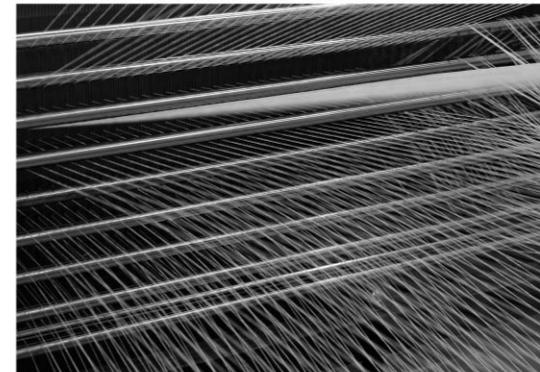
JFA is a vertical company with an outstanding and unbeatable production's capacity. Operating simultaneously in the 3 core areas of Spinning, Dyeing and Weaving, it promptly delivers clients' requests.

The company has an extensive portfolio in the universe of home textile as well as in Raw Yarn and Dyed Yarn.

With a clear focus on foreign markets (80% of production) JFA's differentiation is assured by the quality of the final product, technology, responsiveness, production's flexibility and attractive designs.



THE HOME OF HOME TEXTILES.



JFA SUSTAINABILITY PROCESSES



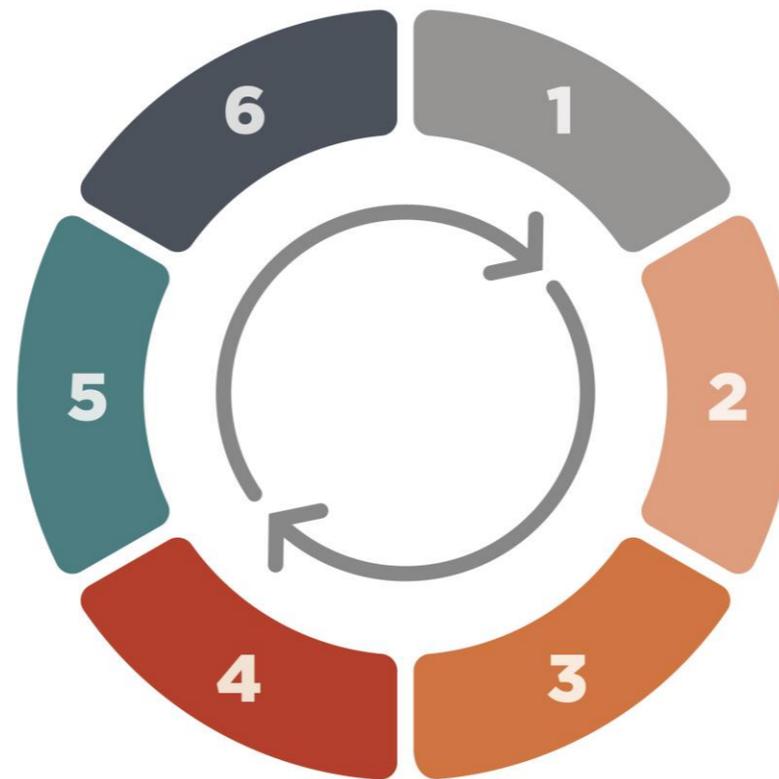
6
FINAL
SUSTAINABLE
PRODUCT



5
LOGISTIC
DEPARTMENT



4
PRODUTIVE
PROCESSES



1
RAW MATERIAL
INPUT



2
PRODUCTION
DEPARTMENTS
SPINNING
DYEING
WEAVING



3
PEOPLE IN THE
PROCESS



OUR CERTIFICATES



GLOBAL ORGANIC TEXTILE STANDARD

JFA follow “world-wide requirements that ensure organic status of textiles, from harvesting of the raw materials, through environmentally and socially responsible manufacturing up to labelling in order to provide a credible assurance to the end consumer”.



OEKO-TEX CERTIFICATE

OEKO-TEX® is a union of research and test institutes in the field of textile and leather ecology that are responsible for the development of test methods and limit values for every component of the certified articles. It stands for customer confidence and high product safety since it takes into account numerous regulated and non-regulated substances, which may be harmful to human health.



BETTER COTTON INITIATIVE

The Better Cotton Initiative (BCI) — a global not-for-profit organisation — is the largest cotton sustainability programme in the world. It covers all three pillars of sustainability: environmental, social and economic, promoting good practices that ensure cotton production “in a way that is measurably better for the environment and farming communities”.



ORGANIC CONTENT STANDARD

The Organic Content Standard (OCS) applies to any non-food product containing 95-100 percent organic material. It relies on third-party verification to confirm whether a final product contains the accurate amount of a given organically grown material. OCS 100 covers the processing, manufacturing, packaging, labelling, trading and distribution of the product.



SMETA (Sedex Members Ethical Trade) AUDIT

SMETA is an audit methodology, providing a compilation of best practice ethical audit techniques covering Sedex's four pillars of Labour, Health and Safety, Environment and Business Ethics.



GLOBAL RECYCLE STANDARD

The GRS is an international, voluntary, full product standard that sets requirements for third-party certification of recycled content, chain of custody, social and environmental practices and chemical restrictions.



OUR SUSTAINABLE PROCUREMENT

about our

SUSTAINABLE PROCUREMENT

It all starts with our raw materials.

We take pride in a careful selection of raw materials that helps us attain the best end result.



100%
ORGANIC
COTTON
yarn

100% organic cotton yarn: Organic cotton is produced based on the principles of organic agriculture, since it does not use agrochemicals and pesticides, thus reducing damages inflicted to the soil, the environment and to the human being.



NATURAL FIBERS —

Hemp

Hemp textiles have a long lasting charm, fully embodying the gracefulness of natural fibers, returning to the essential and allowing to appreciate the authentic and genuine raw simplicity of what Nature has to offer.

This fiber has many advantages, such as durability, dirt-resistance, good porosity as well as heat protection properties.

Hemp is known as the most tenacious fiber on earth, requiring a minimal amount of water and fertilizers.





OUR SUSTAINABLE PROCESSES

about our

SUSTAINABLE PROCESSES

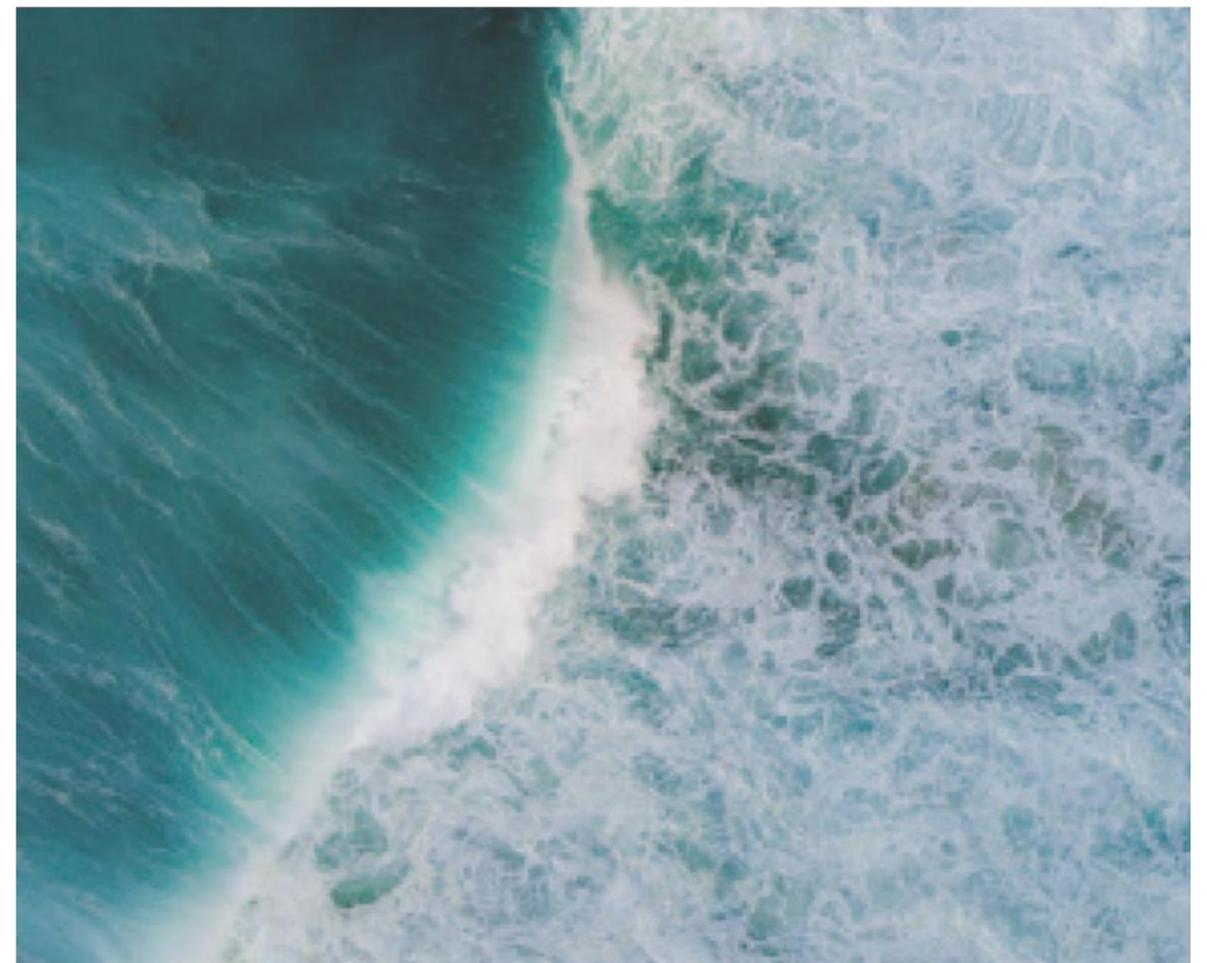
Textile industry requires significant amounts of natural resources to transform raw materials into the final product.

JFA has been making a constant commitment in this area, in order to reduce its ecological footprint and present its clients increasingly sustainable products.

Here are some of the steps we are taking in what production processes are concerned.



THE HOME OF HOME TEXTILES.



WATER

ECO DYEING FINISHING

This dyeing process is a dry one, so the water used in this process is only for the final washing and softening of the pieces, thus reducing water consumption.

JFA recycles and reuses 30% of the water that comes into the Dyeing unit.

The water reduction translates into more than 4 Olympic swimming pools

PLASTIC AND PAPER

Use of recycled plastic bags for the packaging of our yarn (these bags result from identified waste, recovered within JFA).

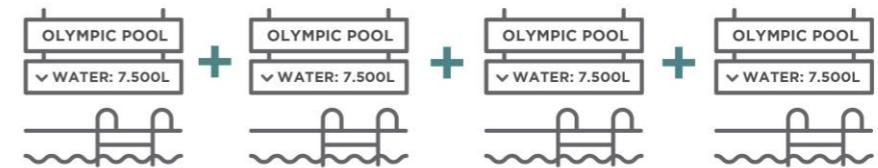
Document dematerialization efforts and annual action plan to reduce paper consumption by 30%.

ENERGY

Ever since 2016, the investments made in more energy-efficient processes have allowed an important decrease in energy per Kg of product and CO2 emissions reduction:

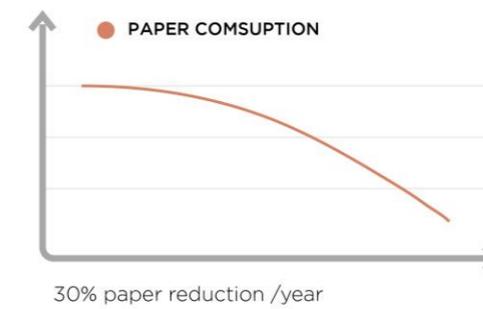
- Flash vapor recovery
- Energy recovery of compressors' oil
- Replacement of our fleet of combustion forklifts by electric ones
- Replacement of lamp bulbs into leds
- Installation of photovoltaic panels (650 kw)
- Installation of a cogeneration plant for self-consumption (dyeing and finishing; in process / 1560 kW of electric and 800 kW of thermal power)

WATER REDUCTION:



$$4 \text{ OLYMPIC POOLS} = 30.000\text{L/day} \times 365 \text{ days} = 10.950.000\text{L}$$

PAPER REDUCTION:



INSTALLATION OF COGENERATION PLANT:

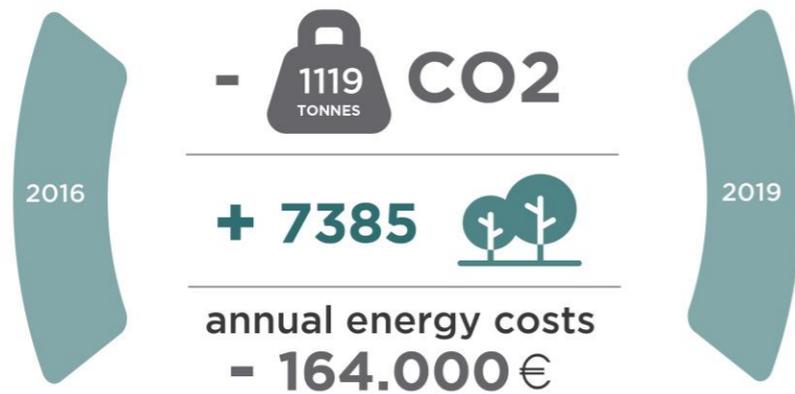
$$1.500.000\text{€ INVESTEMENT} = \text{REDUCTION OF } 888 \text{ TONNES CO}_2\text{/year}$$

INSTALLATION OF PHOTOVOLTAIC PANELS:

$$250.000\text{€ INVESTEMENT} = 2500 \text{ PHOTO VOLTAIC PANELS} = \text{REDUCTION OF } 1119 \text{ TONNES CO}_2\text{/year}$$

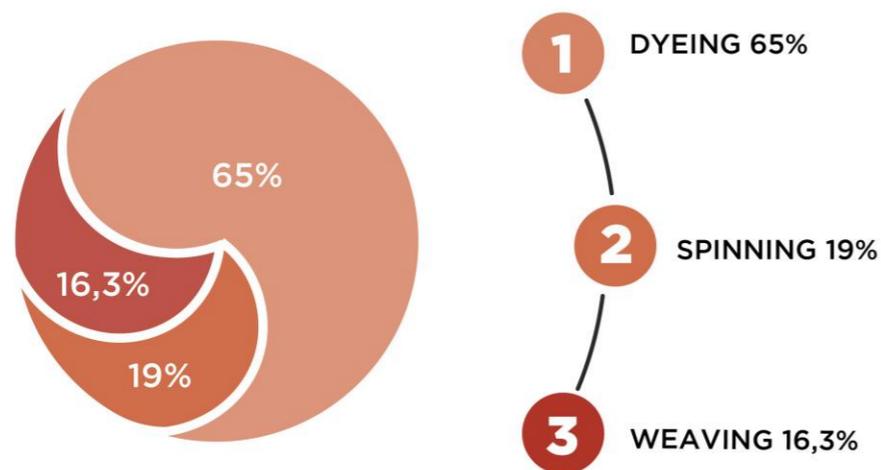
WHICH LEADS TO A REDUTION IN THE SPECIFIC CONSUMPTION

- 1% SPINNING
- 8% WEAVING
- 13% DYEING



Which means avoiding the emission of 1119 tonnes of CO₂ (1047 tonnes x 4= 4188 tonnes) into the atmosphere, equivalent to planting 7385 trees, between 2016-2019:

TOTAL ENERGY CONSUMPTION BY CORE IN 2019:



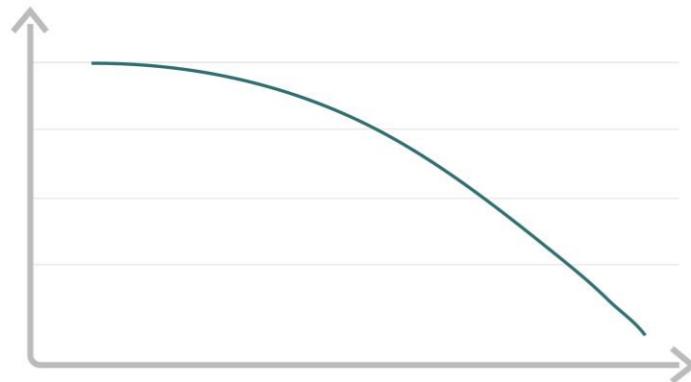
NOTE: 100% of energy consumption is distributed over 3 cores



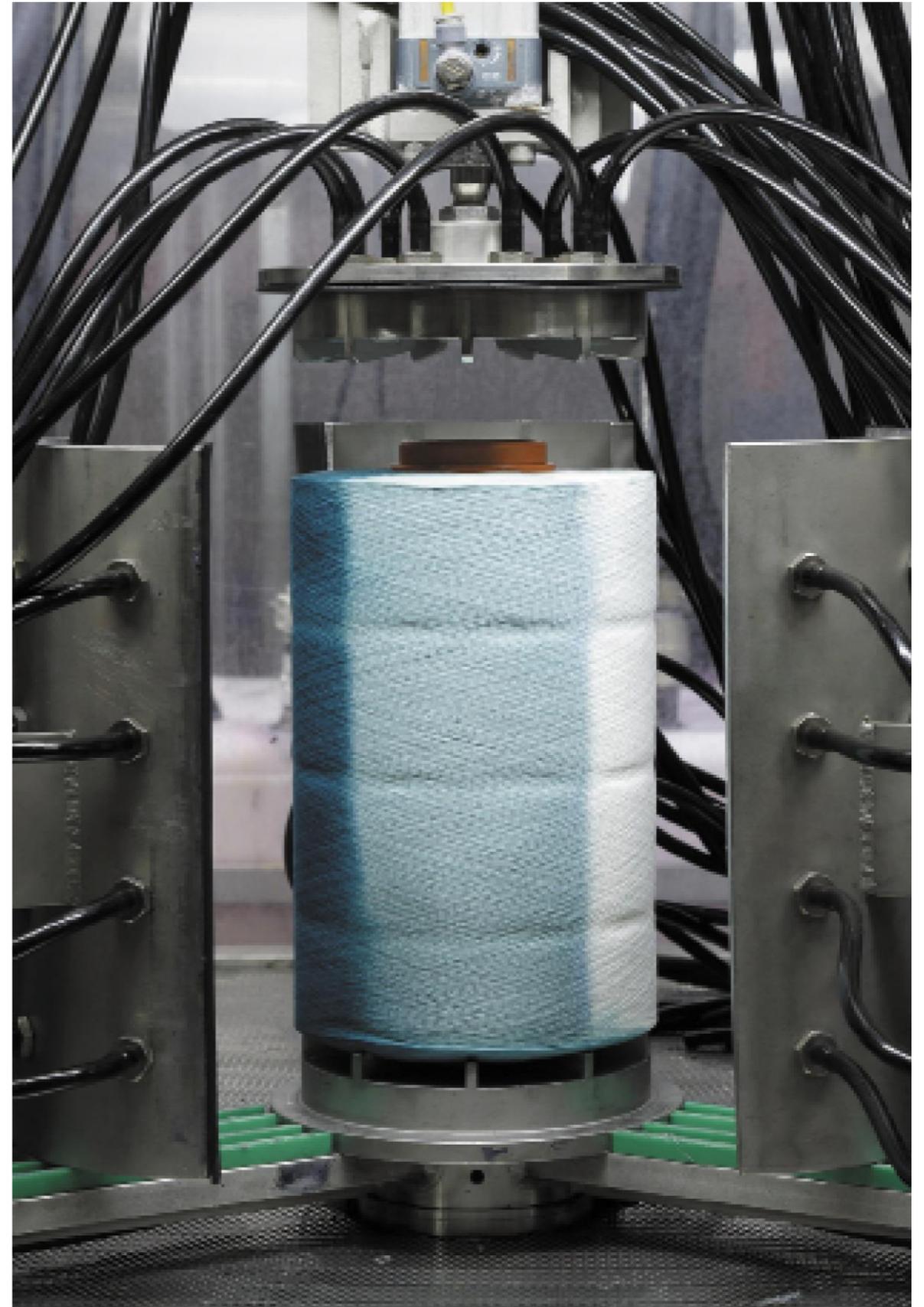
CHEMICALS

We've achieved a 30% reduction on chemicals use, due to our more efficient processes.

CHEMICAL REDUCTION:



30% chemical reduction





OUR SUSTAINABLE PEOPLE

about our

HR POLICIES

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

The following active policies were identified by the HR department:

- Talent Attraction, Selection and Retention
- Development of workers' knowledge and professional competences
- Permanent improvement of the working conditions
- Socially responsible attitude towards workers and the Community

JFA recently joined the Portuguese Chart for Diversity aimed at disseminating, implementing and developing policies and practices of promotion of diversity.

We have also organized a number of teambuildings and events aimed at raising awareness about Sustainability, such as the World Tree Day.



THE HOME OF HOME TEXTILES.



600+ EMPLOYEES

FRINGE BENEFITS:
 Life and health insurances
 Production and attendance awards
 Overtime paid in full
 Baby bonus



OUR SUSTAINABLE PRODUCTS

about our

SUSTAINABLE PRODUCTS

JFA has been making a clear and constant commitment towards sustainability in order to reduce its ecological footprint and present its clients with increasingly sustain-able products.

Circular Economy, Organic Cotton, Natural Fibers, special finishings... these are all concepts, products and processes that we continuously review to ensure strict sustainability criteria.

We are pleased to present the result of our effort!



360 JFA
RECYCLED

yarn

360 Jfa

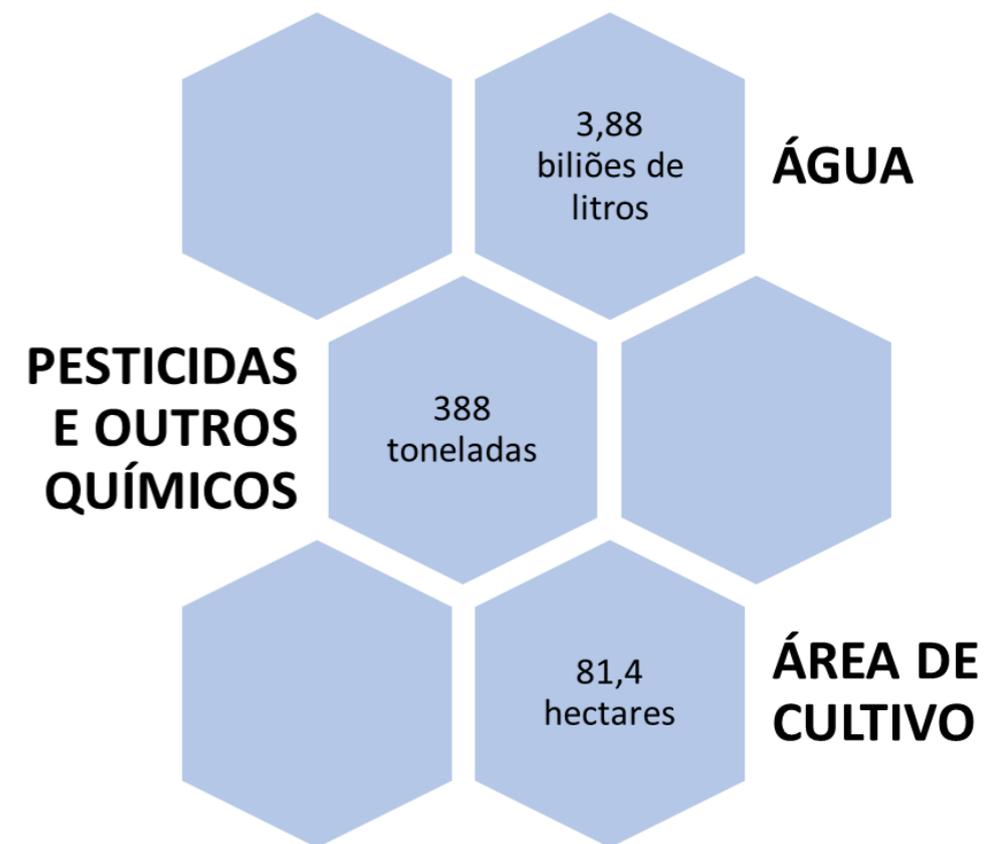
RECYCLED YARN

360 JFA Recycled Yarn: the production of this yarn is based on diverse recovered textile waste generated in our company enhancing our commitment to the circular economy concept.



Impacto de redução da matéria-prima

388 toneladas de algodão evitadas



EARTH COLORS

yarn



The petro-chemical industry is the source or raw material for most dyestuff and chemicals used in clothing and textiles. At JFA we want to challenge that by using "Earth Colors", i.e. transformed natural waste-based colourants. Less than 200m3 of water used to produce 1 tonne of EarthColor dye and less than 4,500 Kg CO2eq are released in such production.

350 times less impact on water footprint

400 times less harmful on climate change



700 times less harmful on human wellness

600 times less negative impact on natural resources



- OAK

Derived from the shells (or endocarp) of the almond (*Prunus dulcis*) nut, where only the non-edible part that the food industry leaves behind is used.

- MAPLE

Derived from the waste material of the medicinal Rosemary (*Rosemarinus officinalis*) plant, known for its medical value, only the part that the pharmaceutical industry leaves behind is used.

- FOREST & STONE

Derived from the waste material of saw palmetto (*serenoa repens*) fruit, a plant known for its medical value, only the part that the pharmaceutical industry leaves behind is used.

- CLAY

Derived from the waste material of local beet (*beta vulgaris*), also known as beetroot - only the part that the pharmaceutical industry leaves behind is used.

- SAND

Derived from the waste material of bitter orange (*Citrus maxima & reticulata*), also known as Seville orange - only the part that the pharmaceutical industry leaves behind is used.

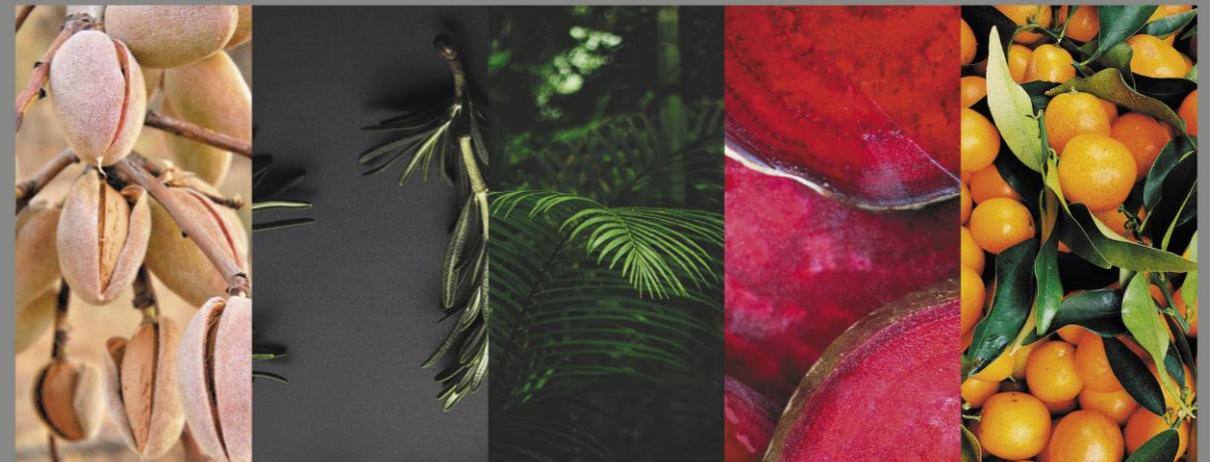
EARTH-OAK

EARTH-MAPLE

EARTH-FOREST & EARTH-STONE

EARTH-CLAY

EARTH-SAND



DENIM RECYCLED

yarn



Our Denim collection gains its name from the denim recycling process we use in order to have sustainable yarn and final products.

The yarn used to make the Demim Collection is made of 80% CLY +20% Denim.

A towel composition can be presented as: 60%CLY (lyocel) + 40%CO (of wich 15% come from Denim recycling).

CLY or Lyocel, is in itself a biodegradable fiber made of wood fiber and it guarantees versatility, durability and elasticity.

Confort, softness and quality can be, and should be, sustainable!



ECO DYEING

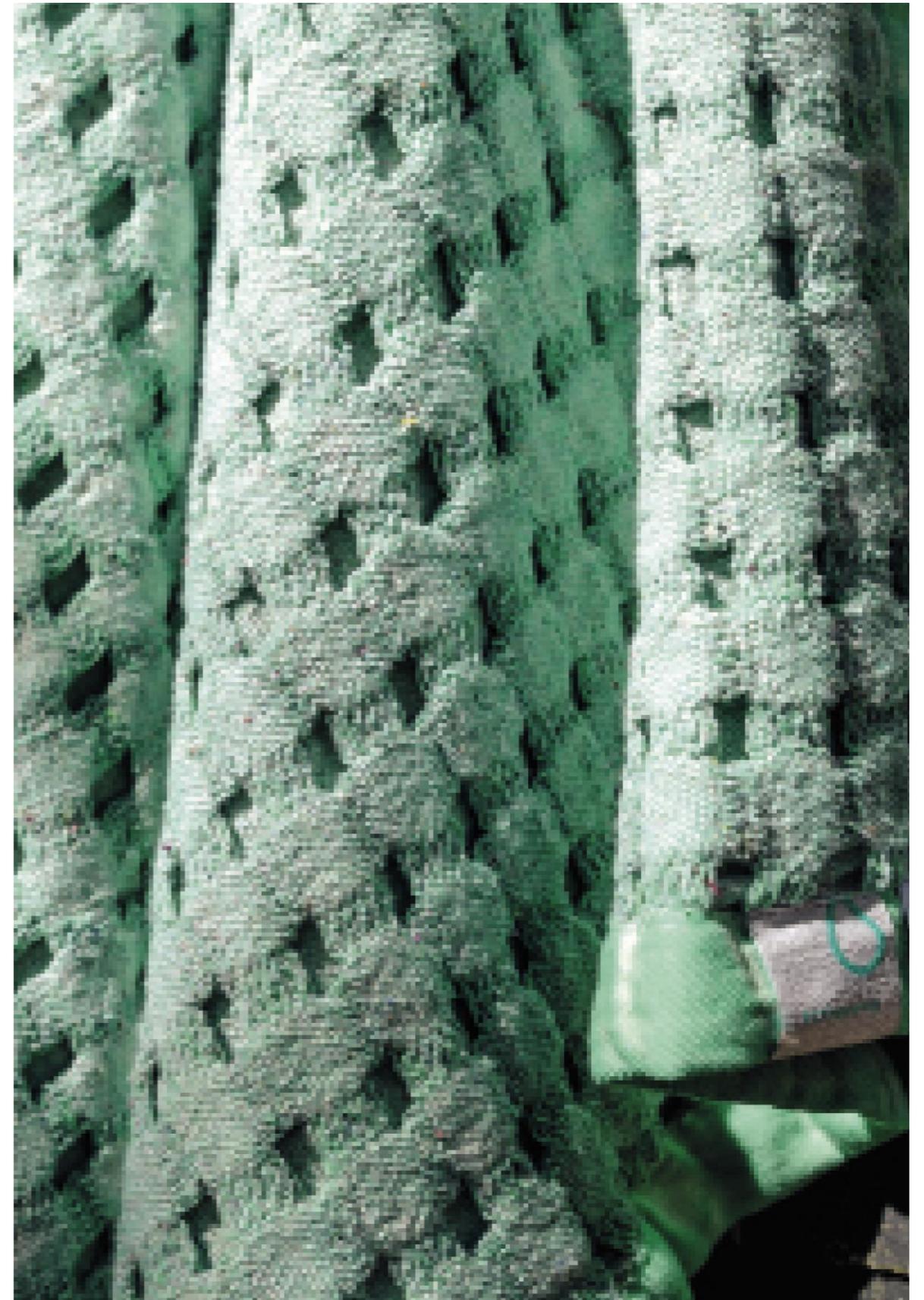
yarn



In this process there is a huge reduction in energy and water consumption since the dyeing is done in the cold.

The dyes are applied on a dry medium and transferred to the garments through a solid agent. The dyes are fixed to the fibers through binders.

The reduced amount of water used in this process is only for the final washing and softening of the pieces.





Papilio yarn can be produced in any combination of fibers and colors, so it can be applied in an infinite range of products. Some examples of sectors where Papilio is used and which demonstrate its versatility are: sports, clothing, home textiles and the automotive industry.

ENVIRONMENTAL SUSTAINABILITY
In addition to its innovative, versatile characteristics and high quality, Papilio's dyeing process also has the following sustainability advantages compared to normal yarn dyeing:

COLD PROCESS
Unlike normal yarn dyeing, Papilio's printing process does not require the use of thermal energy;

LESS AUXILIARY PRODUCTS - Papilio dyeing requires only about 1/3 of the auxiliary products of normal dyeing; Salt and hydrogen peroxide are not used;

- Mechanical and chemical process significantly less intense;
- It allows to minimize the deterioration and changes in the properties of the fibers resulting from the dyeing and finishing processes;
- 0% reprocessing.



INFUSION
yarn
infusion
NATURAL DYEING

At JFA we are passionate about Innovation and Sustainability.

The result? The relentless search for more and better solutions.

An example? Infusion, a dyeing process for cotton fibers and blends that uses tea leaf residues, fully developed by JFA. Natural colors, reduced environmental impact and guaranteed final quality.

A process certified by SGS (PTR20.00151.9121).



LAND COLORS

yarn



landcolors
sustainable dyes

LANDCOLORS is a line of natural dyes for cotton fiber.

The LANDCOLORS dyeing process allows you to save 30% of water and spend 20% less process time, when compared to traditional dyeing. On the other hand, it does not use salt (electrolyte) in its dyeing.

LANDCOLORS is, therefore, a process with low environmental impact.

LANDCOLORS natural dyes are non-toxic, non-allergenic and do not pose a risk of irritation to the skin.



OUR BRANDS





almeida

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