



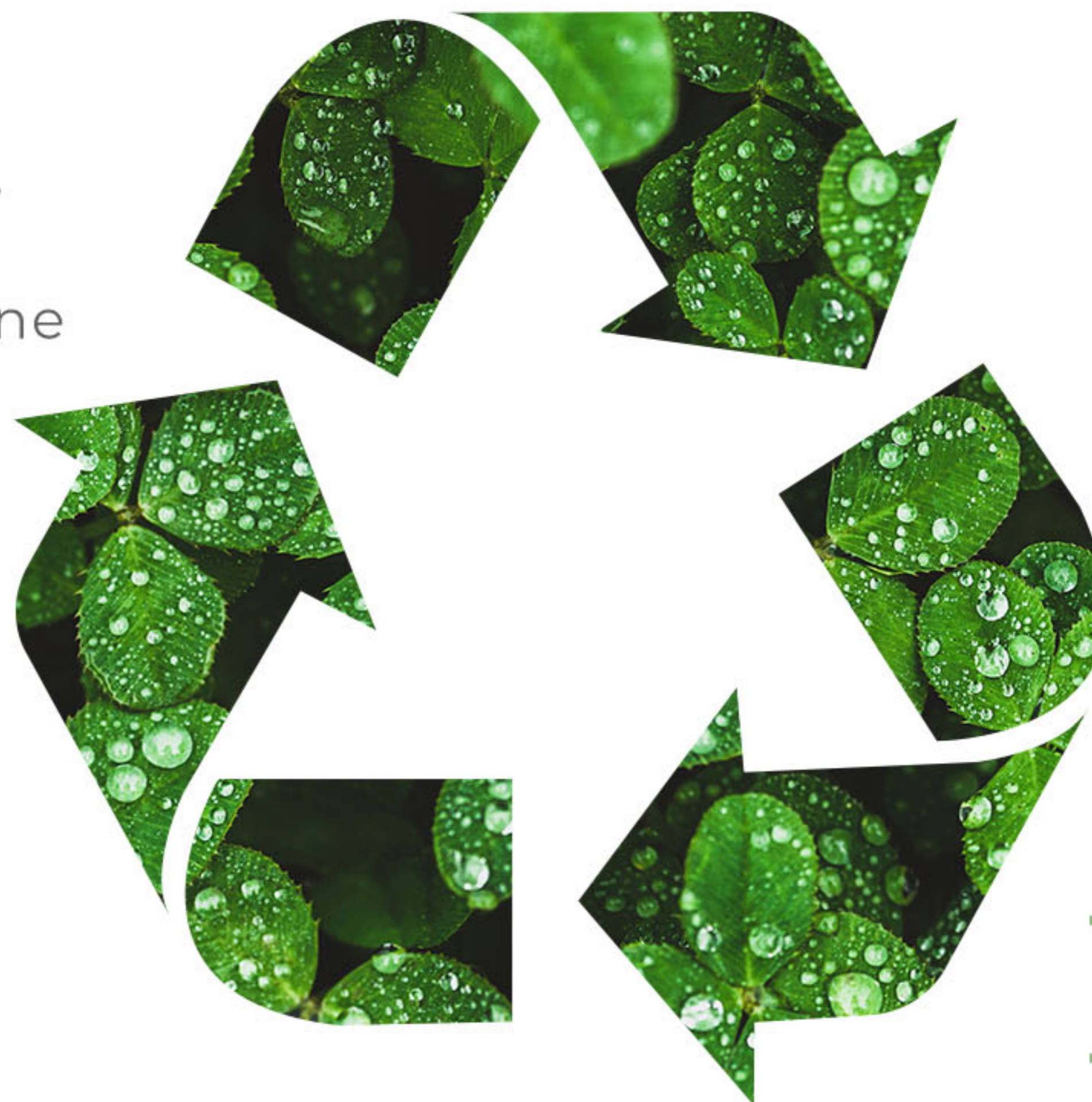
 **texneo** GREEN  
**ecobook**

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# TexneoGreen

our  
action  
for a more  
sustainable  
world



# TexneoGreen

From the desire to make our contribution and leave a **positive legacy** in the world TexneoGreen was established.

TexneoGreen restates our commitment to the environment and a **more sustainable** industrial operation, adopting ecological and conscious practices and contributing to the nature's conservation.

TexneoGreen gathers a series of friendly **textile procedures** that respect the requirements and care, for better initiatives in our manufacturing chain.



# Our certifications



## ABVTEX

The ABVTEX Program is a sectoral effort led by fashion retail in consolidating **good practices** in the supply chain in favor of a sustainable environment and compliance with decent working conditions.



## ZDHC

The production of textile items is global, as well as the environmental impacts caused by it. Our commitment is to completely eliminate the **disposal of hazardous chemicals** in the environment, through ZDHC - Zero Discharge of Hazardous Chemicals programs.

# Our certifications



## Green Fiber®

Green Fiber®, a commitment to environmental protection and sustainability. Reduces about **70% of water and energy consumption** during the dyeing process.



## OEKO-TEX®

Texneo is certified by the **STANDARD 100 by OEKO-TEX® seal**, which is an independent international certification and testing system for raw materials, intermediate and final textile products at all stages of the process, as well as accessories used.

# Our certifications



## Sou de Algodão

Brazil is the largest supplier of **sustainable cotton** in the world. The initiative of the Sou de Algodão movement contributes to an environmentally correct, socially fair and economically responsible product journey.



## eu-reciclo

The EuReciclo seal connects brands of consumer goods with **recyclers**, promoting recycling with **social responsibility**, through environmental compensation. It is possible to generate value for certified companies by communicating their commitment to recycling to their consumers.

# Green Product Line

## sustainable products

Taking a step towards a greener production chain, we introduce our new TexneoGreen product line. More than a sustainable alternative, the line offers a differential for your collections and reinforces our **social and environmental responsibility** with the maintenance of the planet.





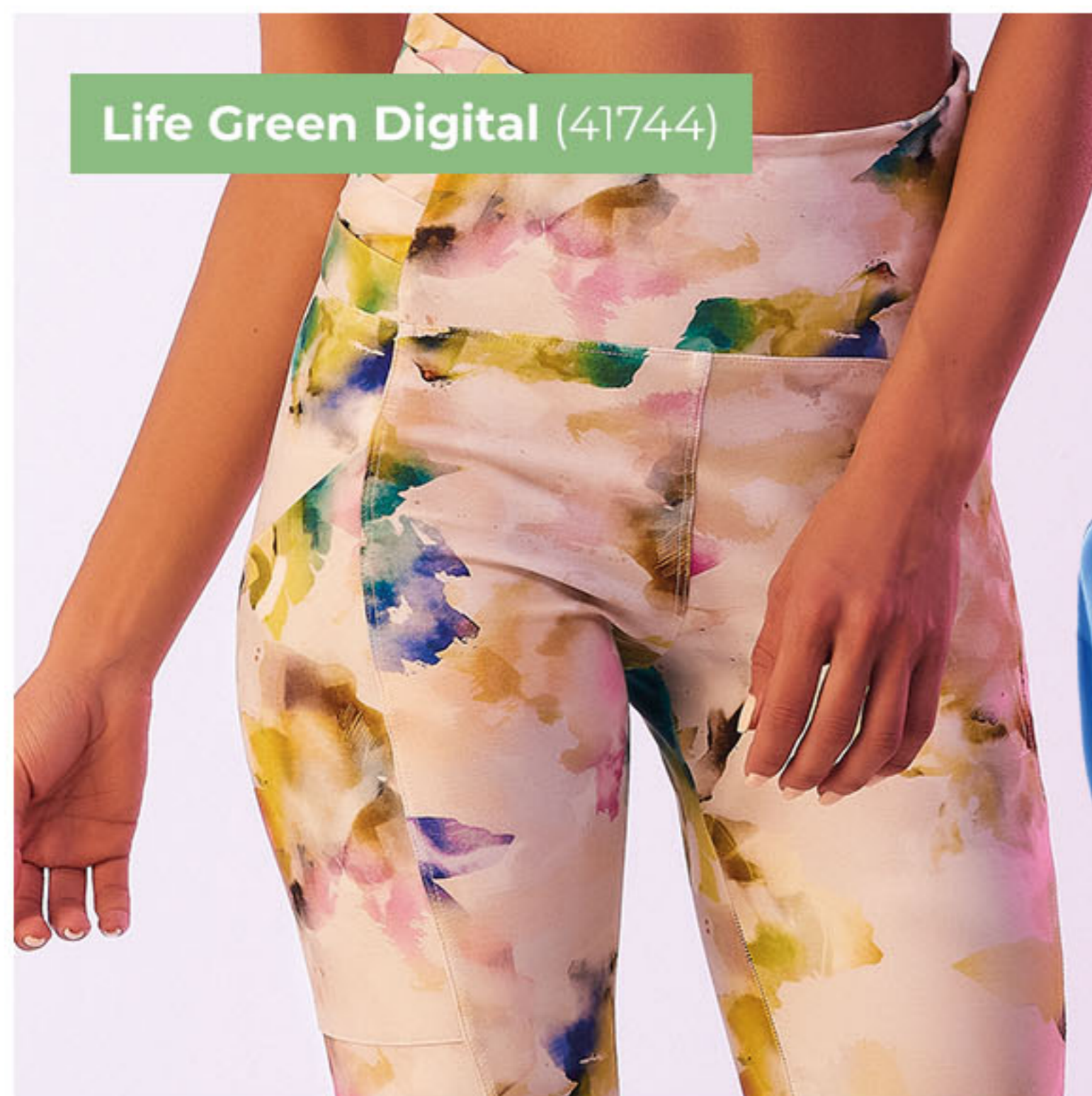
# Recycled polyamide

Made from the treatment of **industrial waste** that would be discarded, Recycled Polyamide is an **alternative** and **sustainable** raw material.

It is present in the composition of the new **Life Green** and **Feel Green** products, two super versatile Texneo fabrics that can be used in various applications.



# Recycled polyamide



Life Green Digital (41744)



44% Recycled Polyamide  
44% Conventional Polyamide  
12% Spandex  
270 g/m<sup>2</sup>  
2,31 m/kg  
1,60 m



Life Green (41742)



45% Recycled Polyamide  
45% Conventional Polyamide  
10% Spandex  
280 g/m<sup>2</sup>  
2,23 m/kg  
1,60 m



Feel Green (41743)



42% Recycled Polyamide  
48% Conventional Polyamide  
10% Spandex  
175 g/m<sup>2</sup>  
3,57 m/kg  
1,60 m

# Recycled polyester

It takes about 450 years for **PET bottles** to decompose and they are the basis for the creation of Recycled Polyester, another sustainable raw material that we brought to compose our line of Green products, such as the **Light Green** fabric.

Recycling plastic bottles reduces pollution to the environment, avoids damage to fauna, flora, and marine and rain ecosystems. Texneo's recycled polyester fiber **does not use** materials from **non-renewable sources**, such as Oil.



# Recycled polyester

Light Green (61073)

67% Recycled Polyester  
23% Conventional Polyester  
10% Spandex  
130 g/m<sup>2</sup>  
5,13 m/kg  
1,50 m



UV 50+



ANTIMICROBIAL



DRY



# Bioamide

An innovative product in the fashion market, Bioamide is a renewable source yarn, produced from the **plant biomass** of a **genetically modified corn** for the industrial use, not competing with the one used for food.

Bioamide optimizes color dyeing, uses less pigment and a lower temperature in the process.

The Bioamide yarn appears in the new product for the Beachwear line, the **Bio Green**, which, in addition to the benefits for the environment, still offers a **softer, smoother touch** and a **feeling of freshness** that brings more comfort during use.



# Bioamide

Bio Green (41895)

91% Bioamide  
9% Spandex  
200 g/m<sup>2</sup>  
3,33 m/kg  
1,50 m



# Digital printing

- Infinite **colors** and **designs** and great wealth of **detail**.
- Lower **water consumption** compared to traditional printing.
- Reduction in the use of **chemical additives**.

**Clean and sustainable technology**

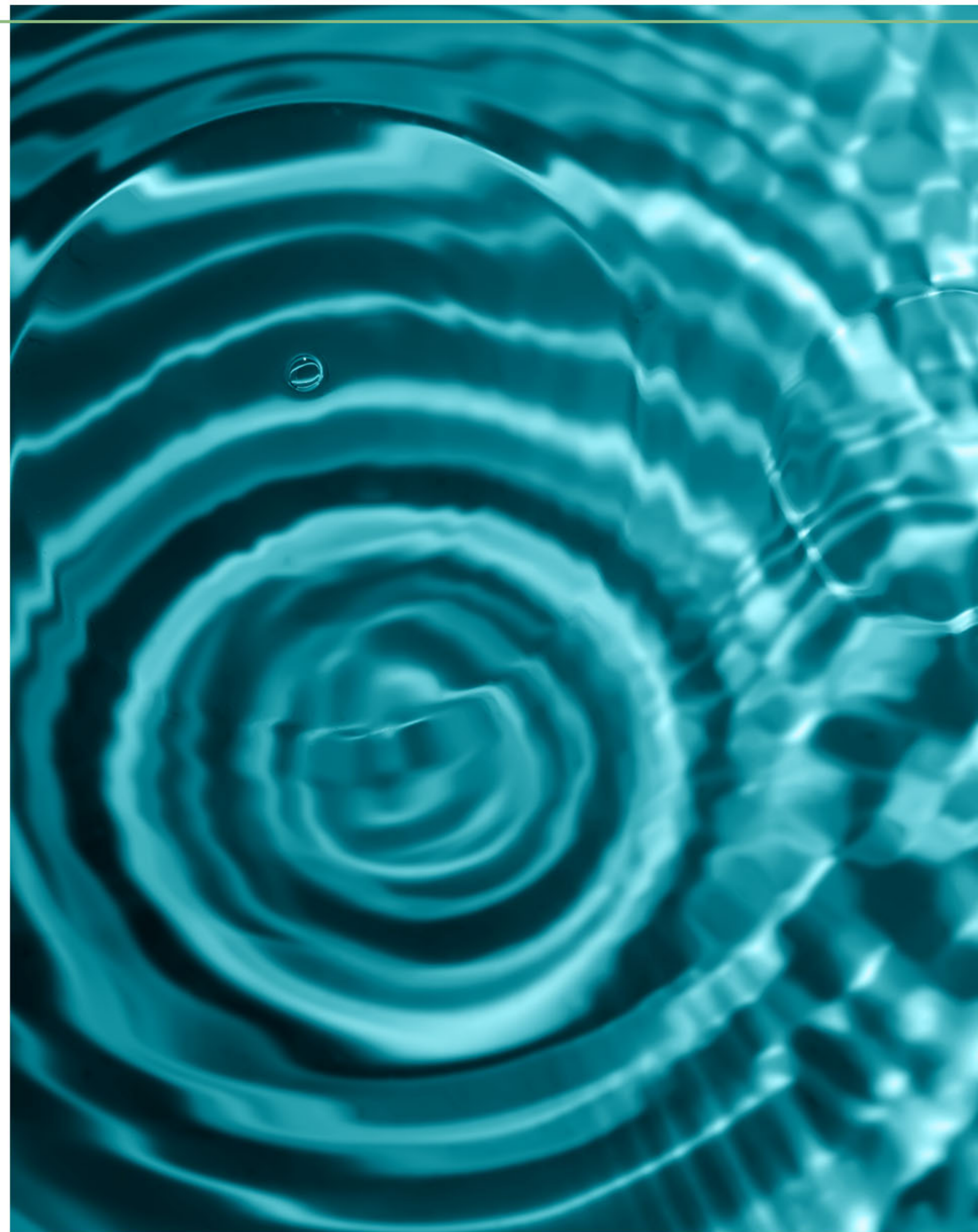


# Water

Water is a resource widely used in the textile production process, especially in the **fabrics dyeing process**.

Through our **Affluent Treatment Plant** about **100m<sup>3</sup>** of water is harvested from the Itajaí-Açu River every hour. After uptake and initial treatment, water is used in industrial processes and cleaning of the factory floor.

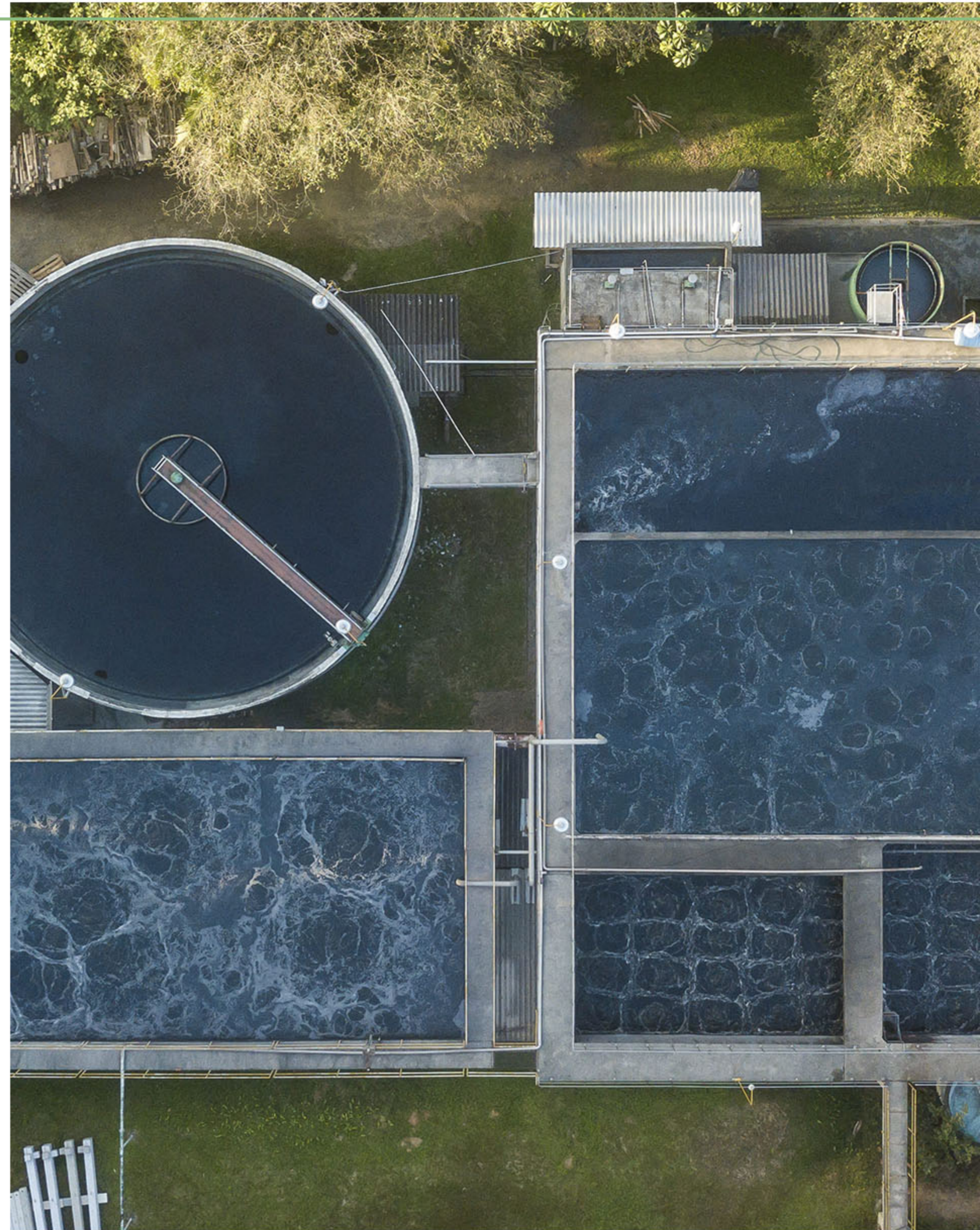
After production, water with textile waste goes back to the plant where it receives the appropriate treatment to be returned to the river, **cleaner than when it was collected**.



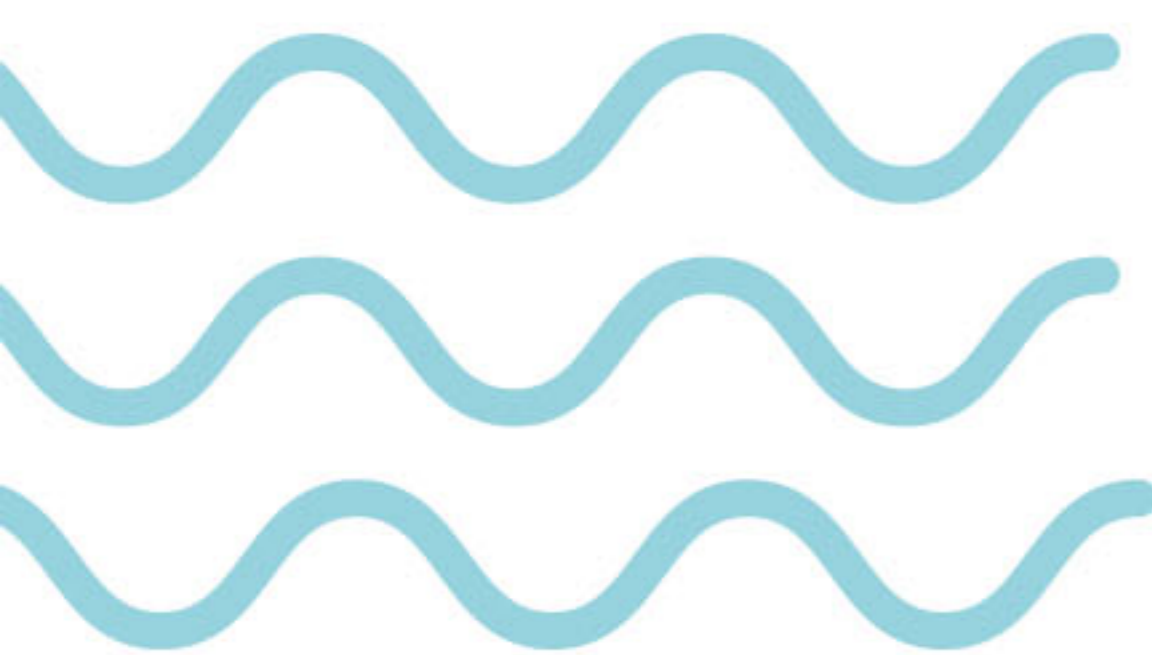


According to environmental legislation, the efficiency of the Effluent Treatment Plant needs to be **equal to or higher than 80%**. In 2021, we obtained an average efficiency of **85%**.

**Our goal is  
to achieve  
88%  
efficiency  
in 2022**



# Fabrics



## Black polyamide

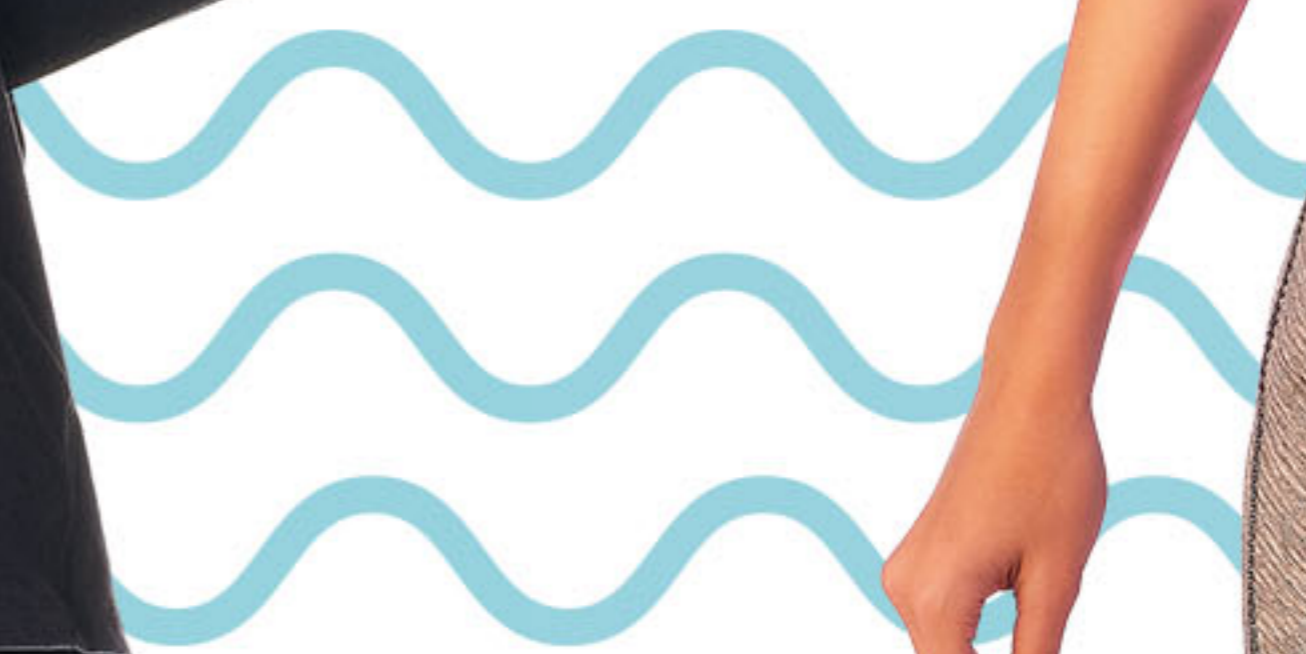
One of the improvement actions implemented generated a reduction of **15% in water consumption** and **7% in the time of the production process** of black polyamide fabrics.



Savings of **30% in energy resources** and **96% in water consumption** in the production of the blended mesh line.

- 40548 – Ace mescla
- 41272 – Ace Black
- 41598 – Luar Melange
- 41615 – Essential Black
- 41616 – Essential Grey
- 60156 – Sports Melange

## Melanges



# Energy efficiency

Our concern to protect natural resources has made us seek sustainable solutions for the **rational consumption of electricity**.

Understand the improvements in knitting:

- Lighting with **LED lamps**;
- **70% savings** in electricity consumption;
- **10x more durability** than the previous lighting system;
- Reduction of **heat generation** in the environment;
- Use of high efficiency **compressors**;
- **Lower energy consumption** in compressed air production;
- **Air-conditioned** knitting.



# Processes

- 100% of **cardboard cone tubes** and **yarn reels** are recycled;
- 72 tons of **tubes** (of spandex wires) reused per year. The same tube can be reused up to **3 times**;
- 100% of the PVC tubes that hold our fabrics are made with **recycled material**;
- **Reverse logistics system**, where customers return the tubes so that we can **reuse** them.





Moved by performance  
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