06

Environmental context

# We cultivate the planet

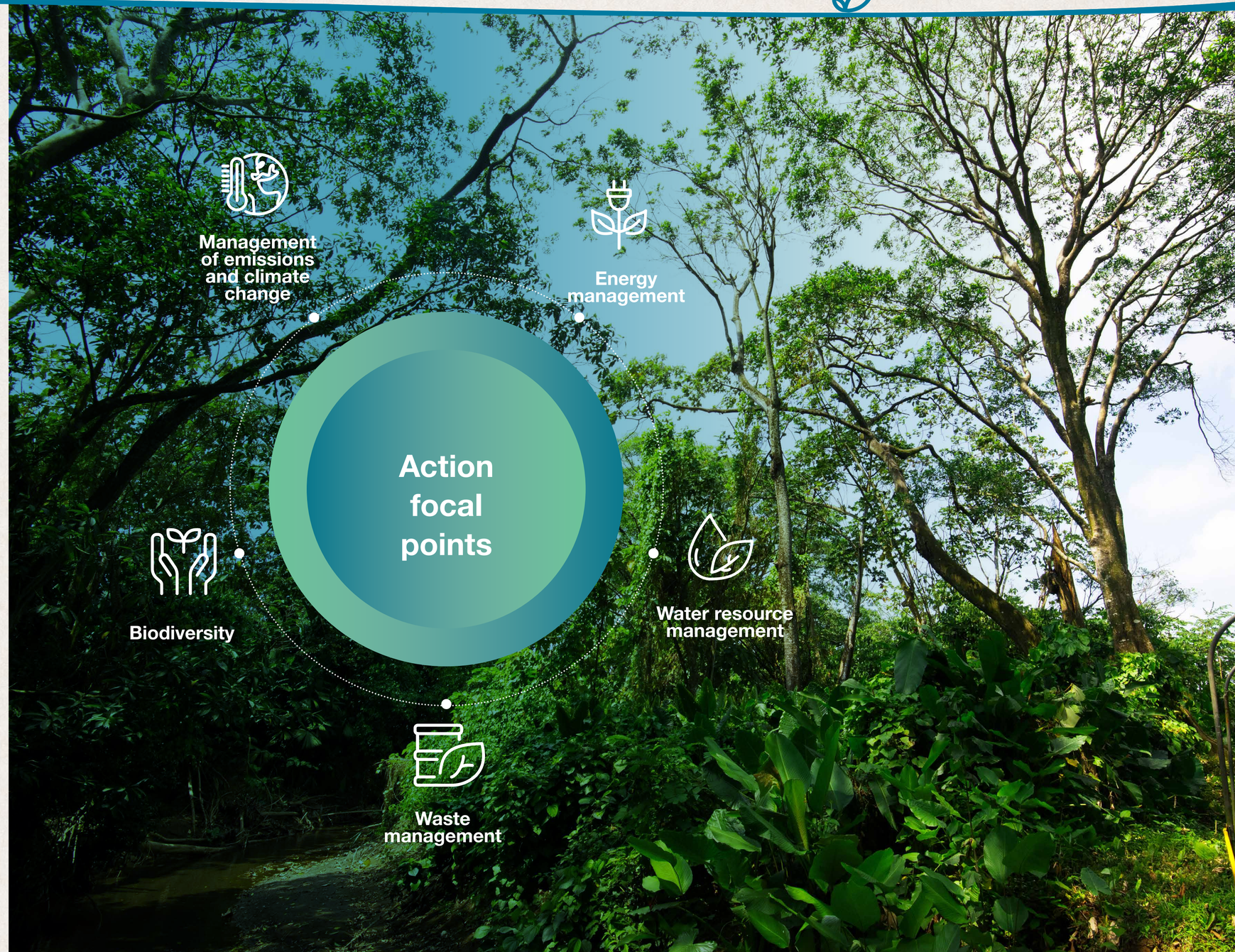
**Our commitment to the planet is relentless and evolving. In each one of the territories where we operate, we implement strategies focused on protecting the natural resources. We carry out this work in collaboration with our employees, the neighboring communities and the environmental, social and education institutions from the areas of influence. Mitigating climate change concerns everyone and, in Banacol, it is part of both our strategic management approach and our DNA.**

- Management of emissions and climate change
- Energy management
- Water resource management
- Biodiversity
- Waste management

# We are a Company with **environmental awareness**

**(3-3)** We have integrated sustainable environmental practices in our processes, to enhance our environmental culture, we have developed internal campaigns and programs such as **'Mi finca, mi casa'** (My estate, my home).

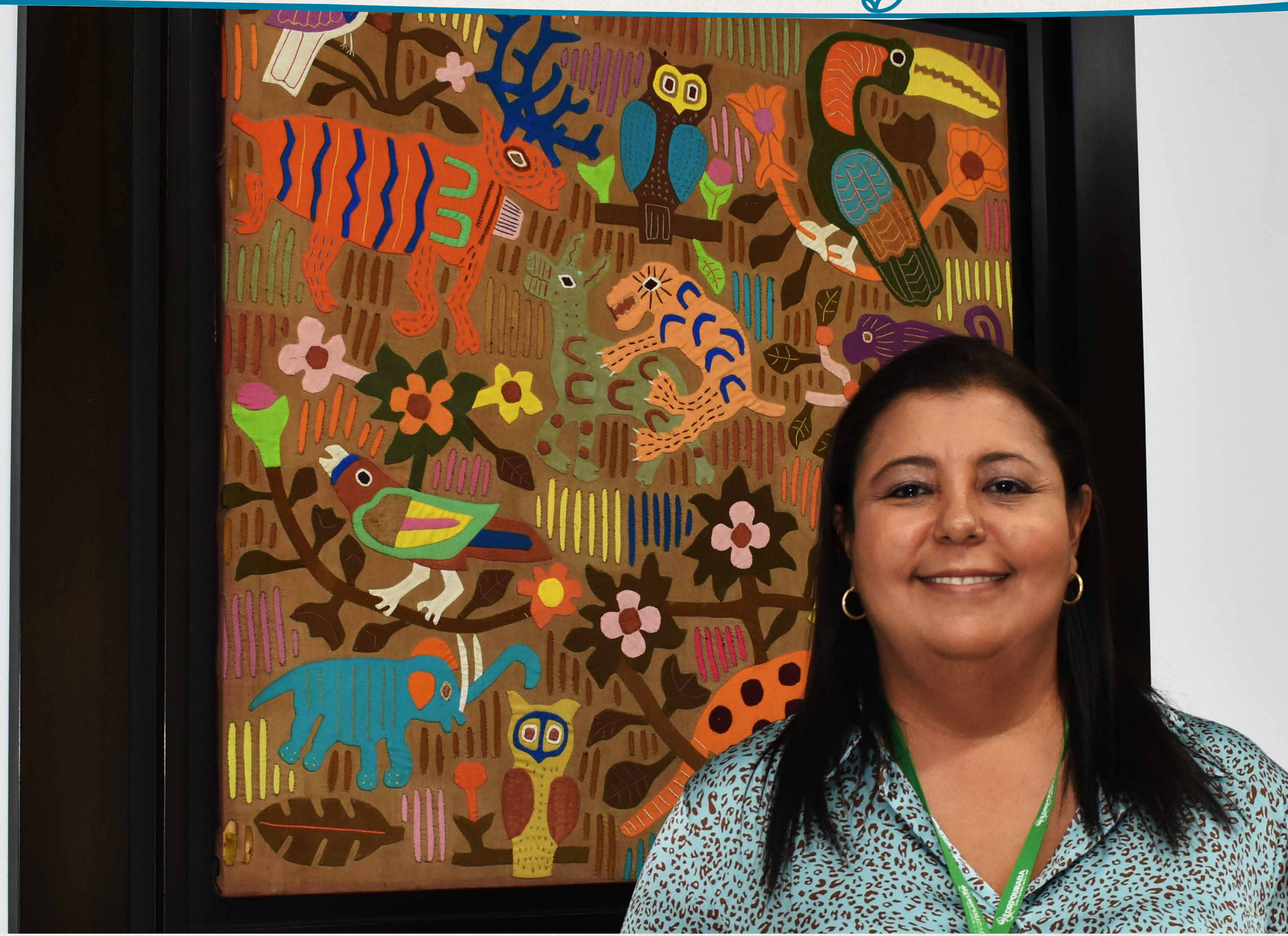
The protection, preservation and enrichment of the ecosystems are the action focal points on which we have concentrated our efforts, enabling us to expand the scope and joint work with our stakeholders.



## Vanessa Paredes
General Director, Corpourabá

“Working under a **public-private partnership** with this Business Group has **enabled Corpourabá to reinforce processes related to the environmental education,** the knowledge and improvement of our ecosystems and, most of all, the legal compliance of such processes.”

Watch video



# A pressing **commitment**

## Management of emissions and climate change

**(305-1) (305-2) (305-4)** Although the global standards on these issues that companies need to meet are becoming increasingly higher, Banacol has integrated them to its culture. This is why, the Organization has been responsibly measuring its footprint since 2018, fully determined to implement actions to mitigate their impact further each passing year.

One of our objectives is to reduce the greenhouse gas emissions through responsible sustainability practices, by taking actions that do not affect the quality, productivity or efficiency of our products and services.

### Carbon footprint measurement

We calculate our carbon footprint using the GHG Protocol methodology for scope 1 (fuels, gases, fire extinguishers, lubricants, fertilizers and water treatment) and scope 2 (electric power) emissions.

**The calculation of the footprint was certified by the** icontec

CARBON NEUTRAL

In 2022, we were granted the **Carbon Neutral certification** due to our **good agricultural practices** and **firm commitment** to protecting and conserving forests and nature reserve areas, as well as our **implementation of projects** focused on energy efficiency, refrigerant and fuel management, and the **offsetting of our footprint.**

| Operation | Ton of $CO_2eq$ | | |
|---|---|---|---|
| | SCOPE 1 | SCOPE 2 | TOTAL |
| Banacol's production estates | 10,442.237 | 241.758 | 10,683.996 |
| Central administrative office facilities | 399.034 | 39.449 | 438.483 |

See more figures here.

# Energy that takes care of the planet

## Energy management

(302-1) (302-3)

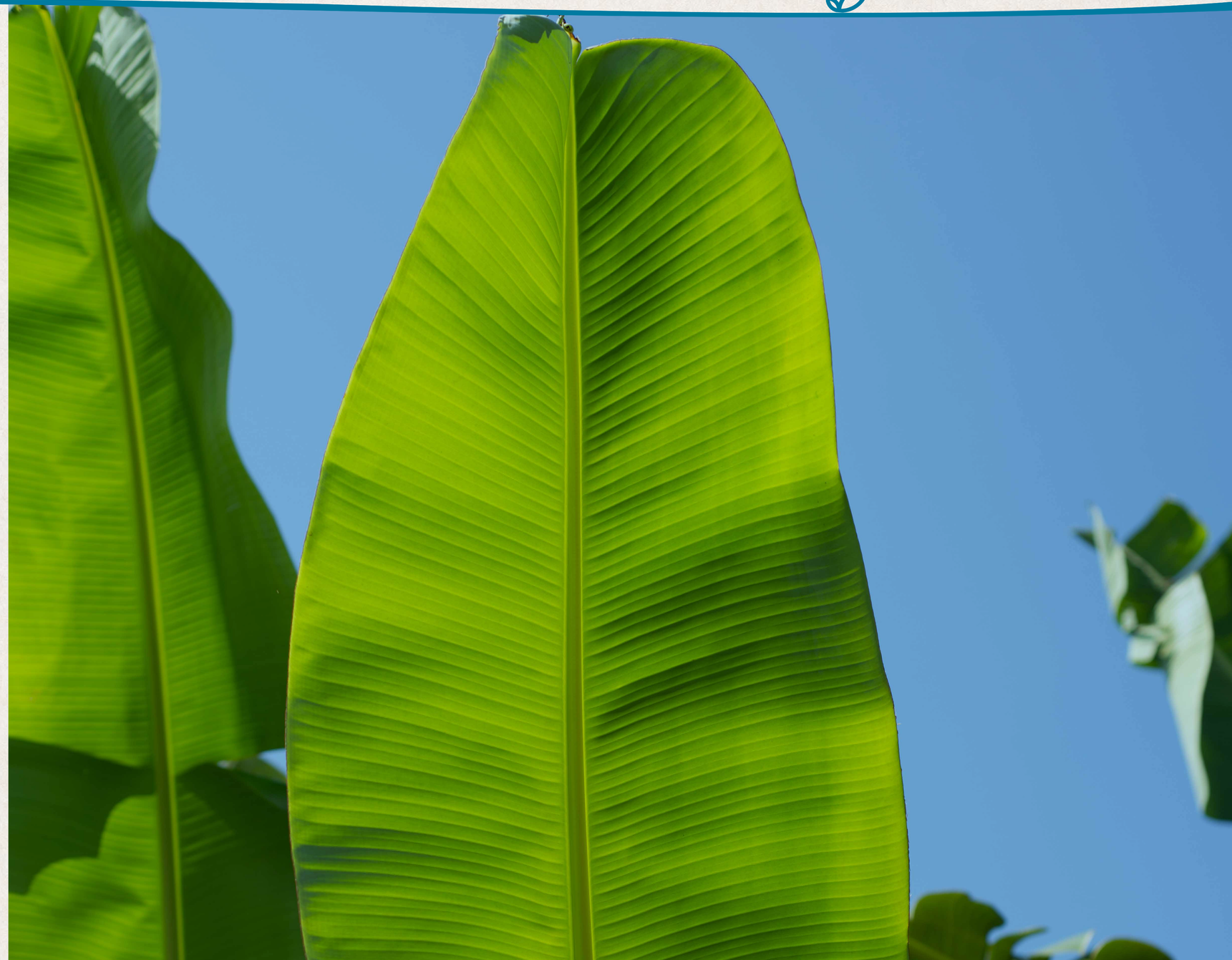
We work on eco-efficiency processes, aiming for the lowest energy intensity. We manage strategies to reduce risks and capitalize on opportunities arising from the availability of energy resources and their proper utilization.

### Energy consumption (kWh)

**2,510,776**

### Energy intensity (kWh/t)

**4,539**



# A priority natural **resource**

## Water resource management

**(303-1) (303-3)** Water is the source of life, and it is a staple supply along our entire value chain. Making rational use of it is a paramount responsibility we have undertaken in Banacol.

### Water withdrawal

Banacol has decreased its consumption of water through awareness-raising programs on efficient water-usage, and by increasing the number of days for the recirculation of water used for fruit washing, as well as by increasing the volume of rainwater collected.

**We maintain our compliance with the requirements established by legal environmental agencies, as well as those set forth in environmental, social and good-practice certification standards.**

**Deep wells 48**

- **Total water consumption**
  **3,006,010.03 m³**
- **Underground**
  **2,652,301 m³**
- **Supplied by third parties** (aqueduct system)
  **3,249.13 m³**
- **Produced** (tank truck)
  **6,197.84 m³**
- **Reuse and exploitable**
  **344,262.06 m³**

See more figures here.

## Water reuse

# 199,421.11 m³

of water reused at the banana plantation estates.

## Banacol's water footprint

The goal is to quantify the related potential impacts of water usage in the life cycle of a product, while taking into consideration the ecosystem, the human health and the resources.

The methodology used to **calculate water footprint** is the one established **by the ISO 14046 standard.** We calculate the water footprint based on the direct usage of this resource, and we determine the impact of its ecotoxicity, eutrophication, shortage, toxicity for humans and availability. This methodology will be implemented afterwards on other businesses.

Ecotoxicity: the results may be interpreted as the potentially affected fraction of species per cubic meter per day (PAF/m³/day), per chemical product emission during the banana production process.

Eutrophication: this term refers to the phosphorous fraction of the total amount emitted into the water. This has the potential to cause the eutrophication of the body of water receiving the wastewater.

Shortage: it refers to the number of occasions that water is unavailable in an area with respect to the world average.

Toxicity for humans: the results can be interpreted as the number of potential cases of diseases related to the disposal of chemical products used in the banana production process into the water.

| Total yearly impact category | Impact value (yearly total) | Indicator by box |
|---|---|---|
| Shortage | 1,026,407,632.581 | 322.833 m³e/box |
| Human toxicity (HT) | 0.0000128293 | 0 CTUh/box |
| Ecotoxicity | 379,733.1912 | 0.113 CTUe/box |
| Eutrophication | 76,274.547 | 0.0239 KgPe/box |
| Total water consumption | 38,441,247.16 | 12.091 m³/box |
| Water degradation volume | 336,883.84 | 0.103198 m³/box |

# Healthy ecosystems

## Biodiversity

(304-3) The ecosystems in the territories of our operations are the spaces we inhabit, but they also become good places to live, as well as a challenge we take on for the future of our planet. Therefore, we invest in its conservation, enrichment and reforestation.

**588.33**

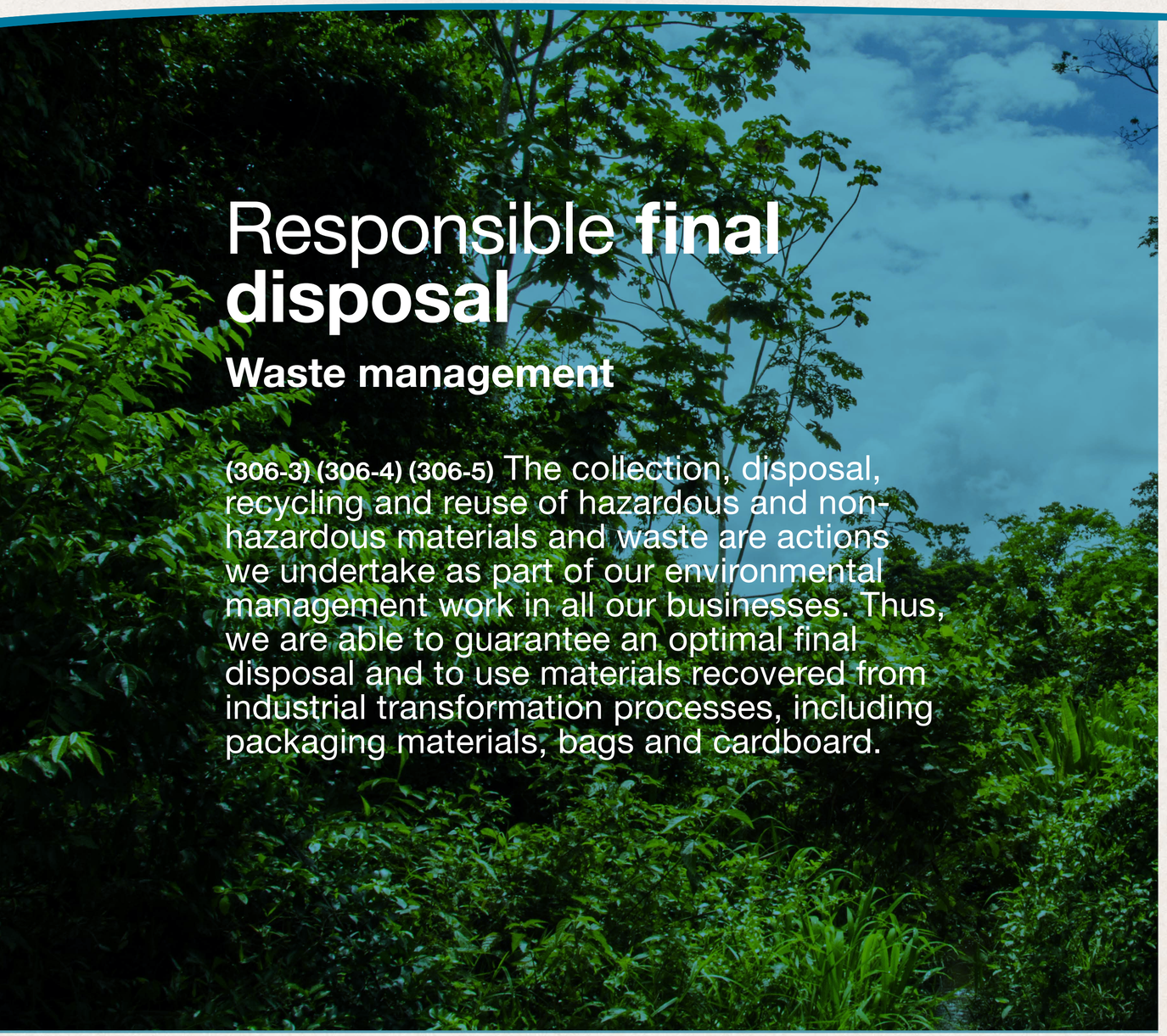
**hectares allocated for conservation**

**8%** of the total area of the estates.

**+ 29,000**

**trees planted in 3 years.**

See more figures here.



# Responsible **final disposal**

## Waste management

(306-3) (306-4) (306-5) The collection, disposal, recycling and reuse of hazardous and non-hazardous materials and waste are actions we undertake as part of our environmental management work in all our businesses. Thus, we are able to guarantee an optimal final disposal and to use materials recovered from industrial transformation processes, including packaging materials, bags and cardboard.

### Non-hazardous waste

**Total: 2,726.11 t.**

Waste recycled: 2,577.75 tons.
Waste sent to landfill: 148.36 tons.

### Hazardous waste

**Total: 128.15 t.**

Disposal methods:
Stored in security cells: 0.01 tons.
Waste recycled and/or transformed: 127.87 tons.
Waste incinerated: 0.28 tons.

See more figures here.

# Achievements

Carbon
**Neutral Certification**

**Reduction** of the carbon footprint by
**46%** with respect to 2021.

**+29,000**
trees planted in 3 years.

Conservation and/or renewal of our
**social and environmental certifications.**

Environmental culture programs such as **‘Mi finca, mi casa’ (My estate, my home).**

# Challenges

- To protect **10,000 linear meters** of **hydrological sources** (estuaries) in the banana plantation estates.
- To design and structure the **rainwater recovery project** in estates for the following two years.
- To plant **10,000 trees** in the **Urabá** region through the **reforestation** program.
- To **reduce** by **10%** the volume of water used for **washing fruit** with respect to 2022 by increasing water recirculation during a three-week process.

Banacol

*Cultivating Wellbeing*

# We cultivate the present to ensure a sustainable future

www.banacol.co