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7. Taking care of nature

We give more flavor to life with the certainty that caring for nature is caring for the future.





7.1 Decarbonization

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We are committed to reducing the carbon footprint along our entire value chain.

WE HIGHLIGHT ★

- 300** TJ Energy consumed within the organization
- 809** GJ/M€ Energy intensity by turnover
- 17.9** kWh/hL Specific energy consumption in plants
- 61** % Electricity from renewable sources ⁵
- 1,8** M€ Investment in energy transition
- 17** % Company's own fleet of electric and hybrid passenger cars
- 14,266** tCO₂e Scope 1 and 2 GHG emissions
- 0.38** ktCO₂e/M€ Carbon intensity (scope 1 and 2 ⁶) by turnover
- 31** ha Forest area for capture of greenhouse gases



We have defined decarbonization as one of the priority topics for our 2030 Sustainability Agenda. We are focused on reducing our impact on the climate by minimizing the carbon footprint across our value chain.

The use of energy is essential to our operation and a requirement of the various phases of the life cycle of our products. However, energy production is associated with potential negative impacts on the environment and people, depending on how the energy is obtained.

The increase in energy costs resulting from the vulnerability in access to fossil fuels, associated with increasingly demanding environmental regulations, poses several challenges to the industrial sector. On the other hand, the commitment to energy efficiency and the use of alternative energy sources, such as the transition to renewable energies, present themselves as opportunities.

Aligned with the Paris Agreement and conscious of our role, as well as the impacts,

risks and opportunities that arise, we have defined decarbonization as one of the priority topics for our 2030 Sustainability Agenda (→ [Chap. 6.2](#)). We are focused on reducing our impact on the climate by minimizing the carbon footprint across our value chain. To achieve this, we have established three commitments, defined in priority order and in a logic of: (1) reduction of consumption in the first place; (2) replacement of fossil energy sources with renewable sources; (3) offset emissions that cannot yet be eliminated.

⁵ This indicator includes the percentage of energy coming from renewable energy sources taking into account the national energy mix.

⁶ Scope 2 location-based.



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DECARBONIZATION commitments

- 1 Achieve carbon neutrality in scope 1 and 2 by 2030
- 2 Promote the reduction of the carbon footprint in scope 3
- 3 Be carbon net zero by 2050

With a strategy based on the axes of energy diversification, decarbonization and improved efficiency and costs reduction, our action plan was based on the measurement of our carbon footprint in 2019, in the three scopes. This study clarified which activities have the highest associated emissions, highlighting energy consumption in our production process, the transport of raw materials, distribution logistics, and the refrigeration equipment at points of sale.

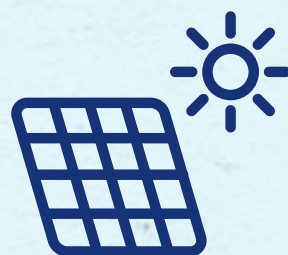
Firstly, focused on reducing emissions within our sphere of greatest control (scopes 1 and 2), we promote investments mostly under the Recovery and Resilience Plan (RRP). With scope 1 and 2 emissions accounting for only 20% of our carbon footprint, we are equally working with our partners in a collective effort to reduce emissions across the entire value chain (scope 3 emissions).

APPROACH TO REDUCE EMISSIONS

ENERGY SAVING

2030 Agenda Objective: Reduce specific energy consumption at plants.

Implementation of measures to improve energy efficiency, with a focus on facilities and processes.



RENEWABLE ENERGY PRODCUTION

2030 Agenda Objective: Consume electricity from renewable sources.

Production of photovoltaic renewable energy in own facilities.

ELECTRIC MOBILITY

2030 Agenda Objective: Increase the Company's own fleet of electric and hybrid passenger cars.

Investment in a plan for the acquisition of electric vehicles and reinforcement of charging infrastructure.



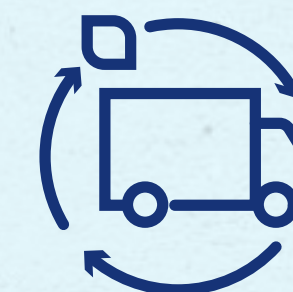
BIODIVERSITY CONSERVATION AND CARBON SEQUESTRATION

2030 Agenda Objective: Recover and manage forest area to capture greenhouse gases.

Forest Management Plan and certification of ecosystem services of land belonging to Sumol Compal.

REVERSE LOGISTICS

Implementation of the D2C – Direct to Consumer - Reverse Logistics initiative for optimization of product flows.



SUPPLIER MANAGEMENT

2030 Agenda Objective: Increase the purchase of local fruit and vegetable raw materials.

Practices for the purchase of proximity fruit and vegetable raw materials (FVRM) (→ [Chap. 7.4](#)).

Energy performance and emissions

In 2023, we recorded a 4.3% increase in total energy consumption within the organization and a 782% increase in renewable energy injected into the grid, compared to the previous year, as a result of investment in the Photovoltaic Solar Energy Farm.

Concerning the performance of the objectives set Agenda (→ [Chap. 6.2](#)), it is observed that during the period there was an increase of 0.6% in the specific consumption of energy in plants, compared to the previous year. This increase is due to three factors: (1) investment in products with higher energy intensity, but higher added value, (2) demand for increasingly smaller batches, leading to inefficiencies in lines, more stops and consequent empty consumptions, and (3) the internalization of the fleet's electrical consumption, as a result of its transition.

In parallel with the increase in efficiency in our facilities, we want to transition to a growing use of renewable energies along the value chain (see featured initiatives).

In 2023, scope 1 and 2 emissions – which correspond to our direct consumption of thermal energy and electricity – amounted to 14.3 ktCO₂e⁷.

This result represents an increase of 1.6% when compared to 2022, in absolute values. On the other hand, considering turnover, the emission intensity decreased by 7.6%.

⁷ In addition to CO₂, we are also considering the emissions of other GHGs, such as methane, nitrous oxide, refrigerating gas, among others.



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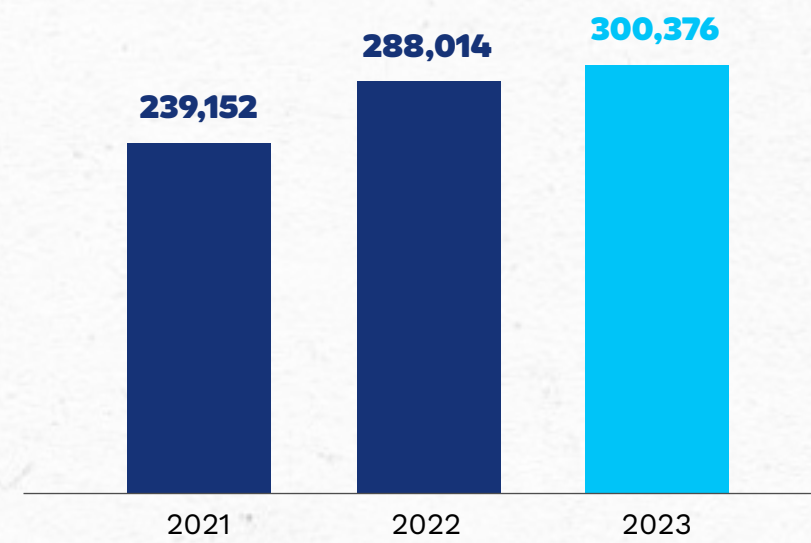
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As for scope 3 emissions, we included seven categories in their calculation, particularly purchased goods, inbound transport, outbound transport, air and train travel, commuting, waste, and refrigeration equipment. These emissions were calculated in 2019, according to the criteria established by The GHG Protocol, and represent around 80% of our total carbon footprint. Given the complexity of its calculation and seeking to ensure consistency and precision of reporting, we are optimizing the way of obtaining, calculating, and analyzing data for its collection and dissemination in the coming years.

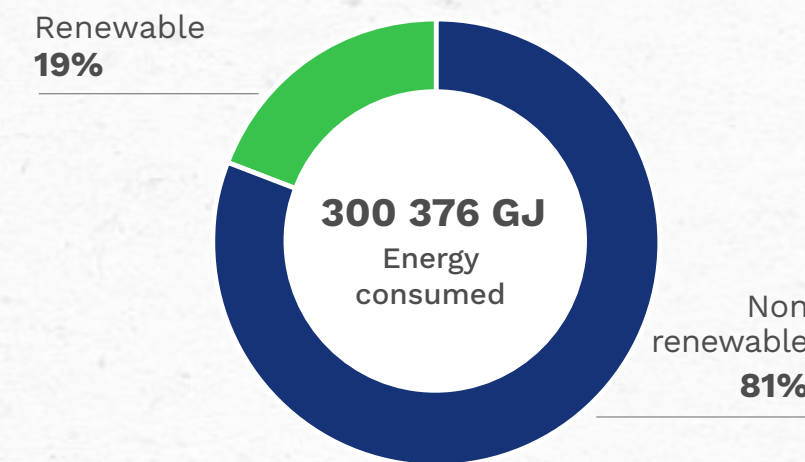
In this context, it is worth mentioning AIJN's (*European Fruit Juice Association*) invitation for Sumol Compal to integrate the 'Roadmap Expert Group', aiming to contribute to the calculation of the carbon footprint and to the establishment of a benchmark for the juices and nectars sector in Europe.

Energy performance

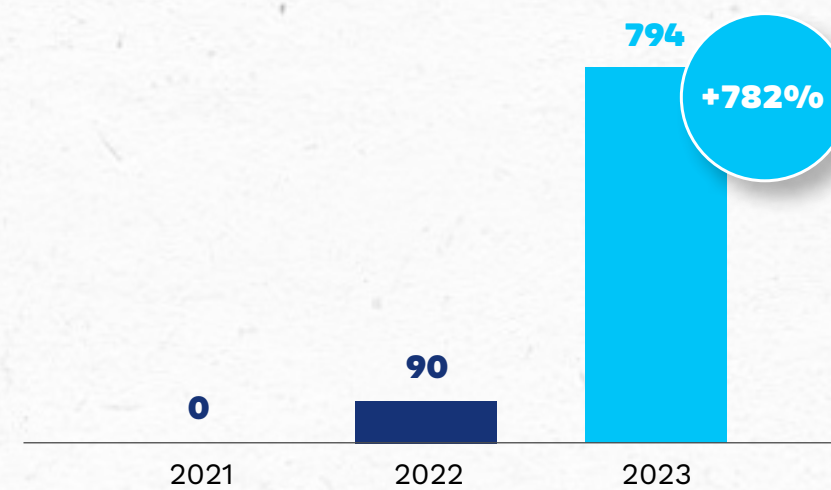
Evolution of energy consumed (GJ)



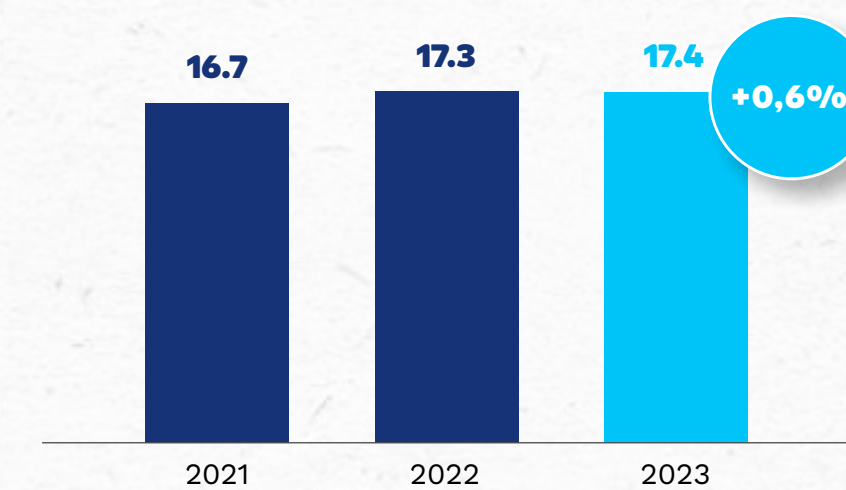
Energy consumed by source (%)



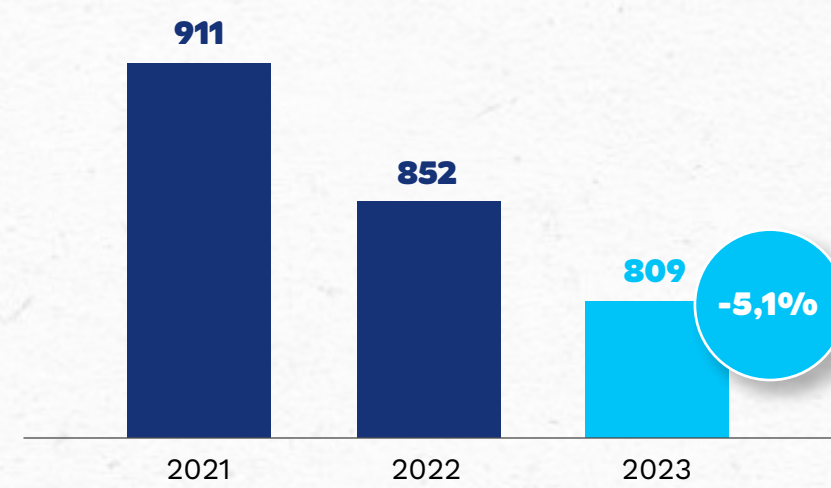
Energy injected into the grid (GJ)



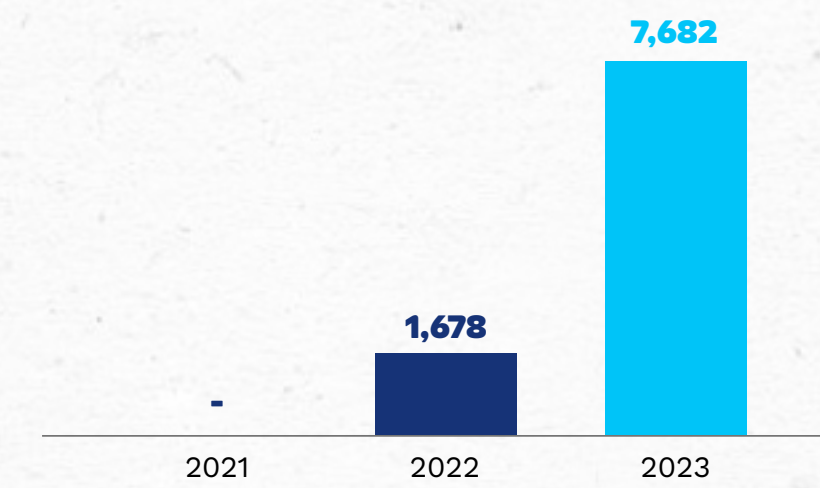
Evolution of specific energy consumption in plants (kwh/hl)¹



Evolution of energy intensity by turnover (GJ/million euros)²



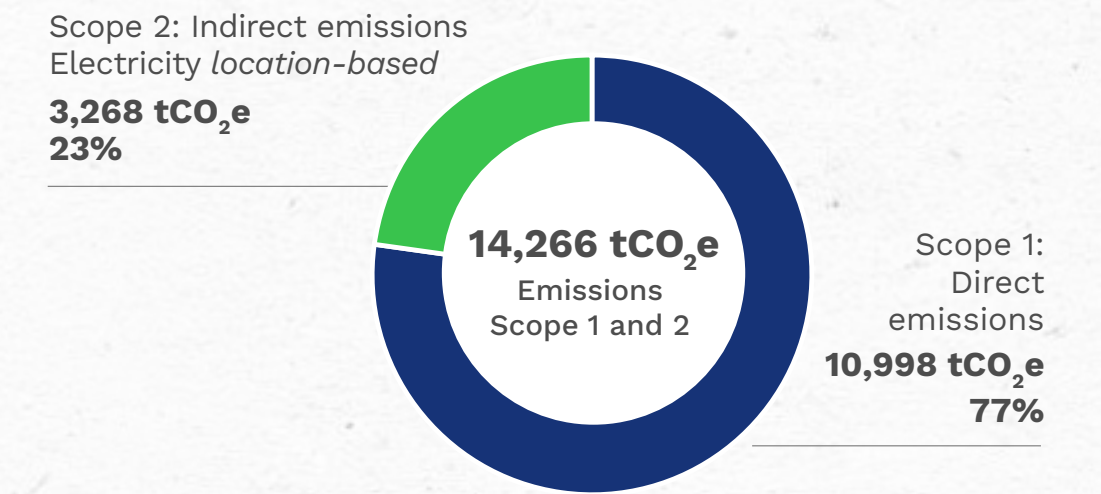
Reduction of energy consumption due to energy efficiency projects (GJ)



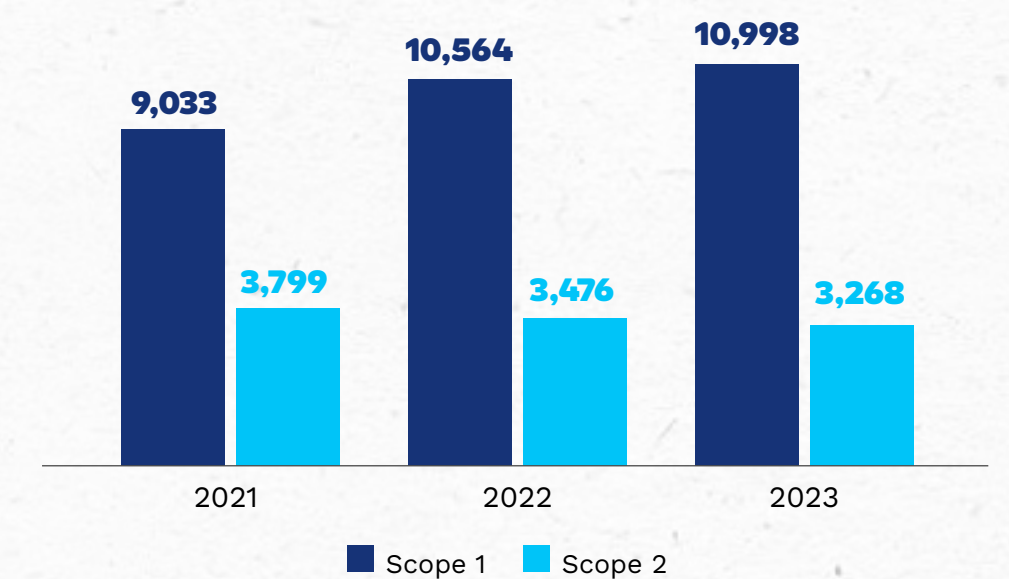
Note 1: The specific energy consumption calculation in plants considers the energy consumed and the total finished and intermediate product (hL).
Note 2: The calculation of energy intensity by turnover considers the total energy consumed within the organization.
Note 3: See GRI Table for access to methodological information about the 302-1, 302-3 e 302-4 indicators calculation.

GHG Emissions

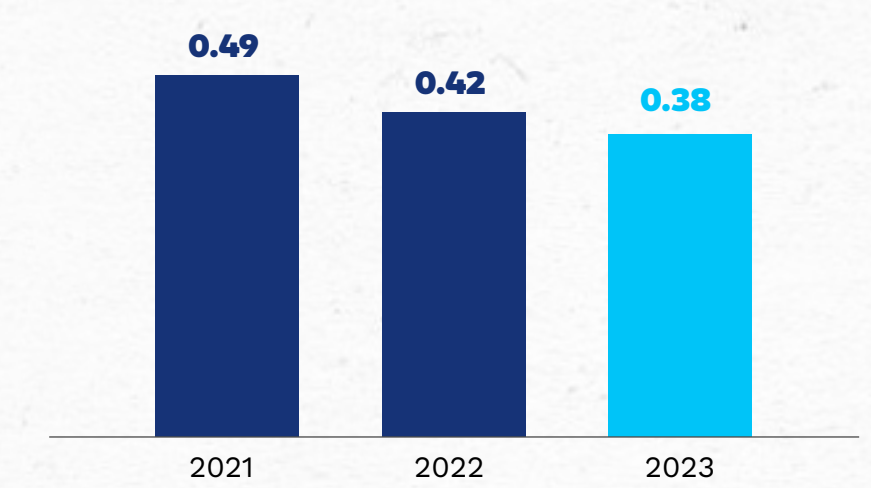
Percentage distribution of scope 1 and 2 emissions



Evolution of scope 1 and 2 emissions (tCO₂e)



Evolution of GHG emissions intensity (tCO₂e by turnover (€)



Note: See GRI Table for access to methodological information about the calculation of the GRI 305-1, 305-2, 305-3 e 305-4 indicators.



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Renewable energy consumption

In 2021 we started the construction of our Photovoltaic Solar Energy Farm in Almeirim, where we installed 1850 panels in an area of 11 000 m², with an installed capacity of 1 MWp, which allowed us to meet 15% of the plants’ electric energy. In 2023, we completed



Conclusion of Almeirim’s 2nd phase photovoltaic plant

In 2023, the second phase of our photovoltaic solar energy farm in Almeirim was completed, totaling 3450 panels and 17 inverters, doubling its capacity to 2 MWp. With an investment of €2.5M across both phases, this installation reduces our grid dependency by approximately 25% of our total needs in Almeirim and helps avoid around 447 tCO₂/year. By generating clean energy from sunlight, we are reducing our reliance on fossil fuels, which in turn aids in lowering greenhouse gas emissions. This photovoltaic in Almeirim exemplifies the company’s commitment in contributing to a low-carbon fossil economy.

the second phase, installing 1600 panels and doubling the installed power.

It should be noted that in 2022, we purchased electricity with certificates of guarantee of origin (CGO), which assured that 100% of the energy acquired, in all our plants, was of renewable origin. In 2023, given the increase in the price recorded by the energy supplier, it was decided not to continue the purchase of energy with CGO and to reinforce the future investment in photovoltaic farms, namely in the Pombal and Vila Flor plants.

Electric mobility

In the field of electric mobility, we have invested in a plan to acquire electric and hybrid vehicles for our fleet of passenger vehicles. Consequently, in 2023, we carried out action with the aim of encouraging employees to favor this type of vehicle in their

choice, implemented the driver’s manual and promoted training for more efficient driving.

We have also invested in charging infrastructure, including the installation of 12 more chargers, which makes a total of 31 vehicle charging points, distributed through our facilities.



“2023 was a year of energy transition at Sumol Compal, three projects presented under the PRR, were approved by the tutelage, for the centers of Almeirim, Pombal, Gouveia and Vila Flor. Almeirim photovoltaic park Phase 2 (1MWh) has come into operation, which allows, together with phase 1 (1MWh), an electrical autonomy of 25%, the Vila Flor photovoltaic park has been awarded, and the detailed design of the Almeirim biomass plant has begun. In addition, the objectives of green mobility of the light fleet were met with the acquisition of hybrid and electric vehicles that represent 17% of our fleet.”

Alberto Mamede
Industrial Director

Carbon sequestration

We own 450 ha of land around the Água Serra da Estrela bottling unit, which in 2023 were certified by the FSC (see featured initiative).



Ecosystem services certification by FSC in Serra da Estrela

In 2023, we obtained certification of ecosystem services by FSC - Forest Stewardship Council⁸, for 450 hectares of land in Serra da Estrela. This certification recognizes that the Company’s forest management is contributing to:
SE1 - Biodiversity conservation: ES1.1 (Restoration of natural forest cover) and ES1.3 (Maintenance of an ecologically sufficient network of conservation areas).
SE2 - Carbon sequestration and conservation: ES2.2 (Restoration of forest carbon stocks).
SE3 - Water services ES3.4 (Restoration of the capacity of water basins to purify and regulate water flows).

⁸ Certification group code: SA-FM/COC-005773.



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In the last 45 years, the property has suffered several forest fires and, to recover this ecosystem in 2023 we submitted a Forest Management Plan to reforest the property, intervening in three key areas of the land. Thus, we have started the clearing and preparation of 31 hectares of land, on which sowing and planting is planned for 2024.

Reverse logistics

As part of our strategy to reduce our environmental footprint, we have been developing, over the last few years, projects to optimize routes and replace fuels with less polluting ones, together with our logistics partners, and our goal is to continue this work, aiming to reduce GHG emissions associated with logistics distribution.

In collaboration with suppliers and customers, we have implemented a reverse logistics initiative, which aims to reduce empty kilometers in our direct-to-consumer (D2C) fleet, simultaneously reducing carbon emissions and eliminating the need for a second vehicle or driver.

Additionally, we are working with Sumol Compal's customers to match our deliveries with the needs of these customers. For example, we can transport crates of empty packaging from a customer to a recycling center.

D2C REVERSE LOGISTICS IN 2023

-12% reduction in empty kilometers (- 1,250 tCO₂e)



As part of our strategy to reduce our environmental footprint, we have been developing, over the last few years, projects to optimize routes and replace fuels with less polluting ones, together with our logistics partners, and our goal is to continue this work, aiming to reduce GHG emissions associated with logistics distribution.

>> Next steps

Submission of the decarbonization action plan to the SBTi – Science Based Targets initiative

2024

Installation of photovoltaic solar panels in Pombal and Vila Flor

2025

Building of biomass power plant in Almeirim

2025



7.2 Water awareness

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We invest in the optimization of water usage in the production process and the importance of its sustainability.

WE HIGHLIGHT ★

4.5 hL/hL Specific water consumption in plants (average)

9.2 hL/hL Almeirim

1.7 hL/hL Pombal

2.5 hL/hL Gouveia

4.1 hL/hL Vila Flor

their scarcity due to prolonged droughts, leading to changing weather patterns and greater competition with other uses for water. At the same time, as a result of the production process, industrial water waste discharges also occur, and, if left untreated, can contaminate local water sources, affecting water quality and aquatic ecosystems.

On the other hand, and as opportunities, we recognize the importance of efficient water management in the production process, particularly the potential for water recirculation for support processes/services, as well as for the treatment and reuse of wastewater, for the reincorporation of water into the production process.

In this way, and to contribute to the preservation of the availability of water resources, within the scope of our 2030 Sustainability Agenda (→ [Chap. 6.2](#)) we have defined the following commitments:

WATER AWARENESS commitments

- 1 Reduce the water footprint
- 2 Promote water sustainability

It should be noted that water awareness was a material topic (→ [Chap. 6.1](#)) designated as a medium/long-term priority (2025-

At Sumol Compal, water is the main raw material of our products, it is also an indispensable component for the growth of the fruits and vegetables we consume and is also an essential resource for the production process in factories – for use in the processes of washing fruits and vegetables, processing, pasteurization, soaking, cleaning, and other operations.

We have identified as potential impacts and risks associated with water and our dependence on this resource, the potential depletion and degradation of surface and/or groundwater resources in the geographical areas where our plants are located. It should be noted that climate change may increase

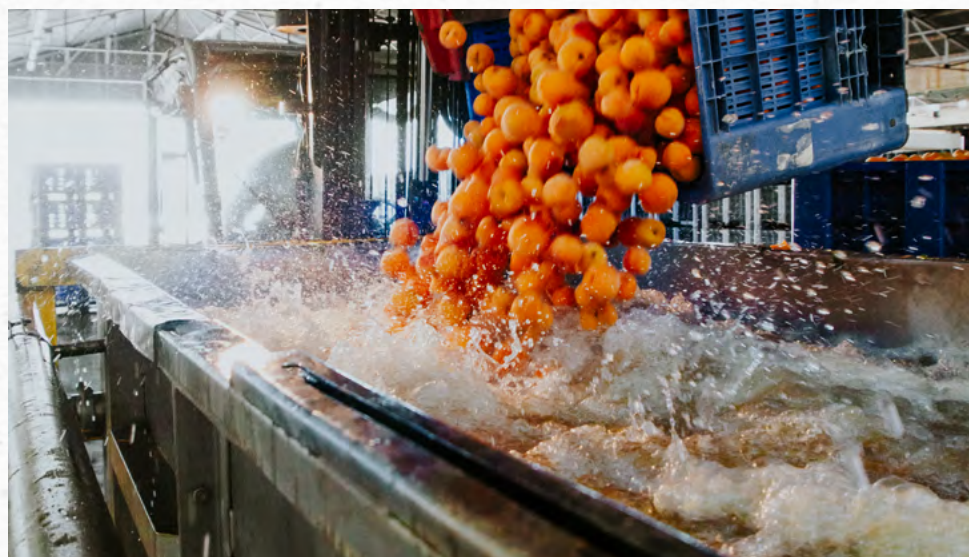




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2030). At the end of 2023, the Sustainability Commission approved the creation of a Water and Wastewater Work Group to establish objectives and targets during 2024.



Reduction of water footprint

At Sumol Compal, we almost predominately use groundwater as a source for this resource.

It is important to mention that we have invested, over time, in different projects to improve water efficiency in our plants, which have allowed consumption savings, for example through:

- Installation of water recirculation systems.
- Replacement (modernization) of less efficient production lines.
- Reduction of the soaking times of vegetables.
- Reduction of pasteurization temperature.
- Conversion of osmosis to high throughput.
- Implementation of the advanced analytics system in Almeirim.

In 2023, we developed activities related to water awareness in all our plants, with special emphasis on the Gouveia and Almeirim plants where the most significant initiatives were registered.

Promoting water sustainability

The quality of our products directly depends on local ecosystem and conditions. These ensure the availability of resources, regulation of the hydrological cycle, maintenance of biodiversity and offer several other essential environmental benefits. Therefore, protecting and conserving these ecosystems is crucial for the continuity of our business.

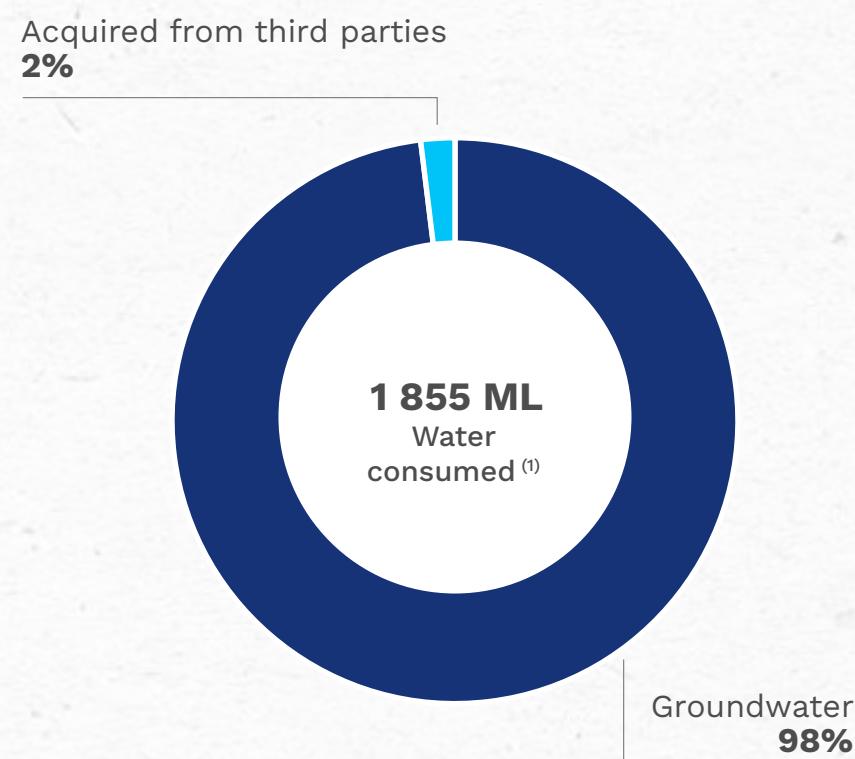
In order to safeguard the quality and availability of water resources, we act proactively, and together with various stakeholders, to define actions that minimize the impact on this natural resource, the local economy and society.

In 2023, in partnership with the Enterprise Europe Network and LNEG – National Laboratory of Energy and Geology, we carried out a study of the filling process of the Água Serra da Estrela, in Gouveia, which allowed us to identify inefficiencies in the process, with a view to implement improvements. At the same time, a first approach to the assessment of the water footprint was conducted.

In the Forest Management Plan planned for 450 ha of the Serra da Estrela (→ [Chap. 7.1](#)), we have as a priority intervention area the recovery of water lines. This Plan aims to protect the soils from wind and anthropogenic erosion, promote water infiltration into the soil, recover the local ecosystem and prevent the occurrence and spread of fires.

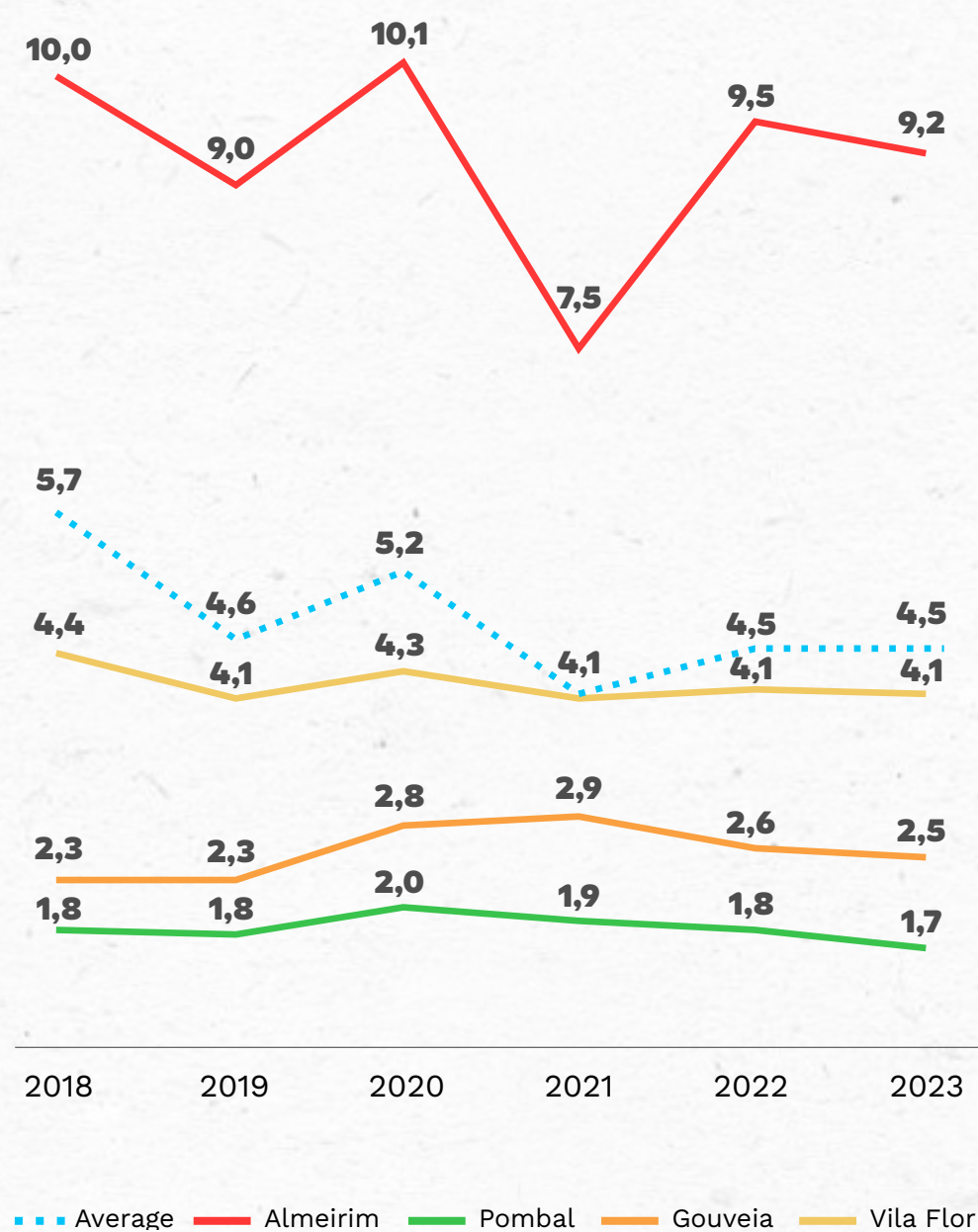
In order to achieve these objectives, in 2023 we carried out land clearing and respective reforestation actions, as well as the requalification of burned areas, incorporating biomass into the soils.

Distribution of water consumed ⁽¹⁾



⁽¹⁾ In the text of the report, the reference to water consumption refers to water extraction according to the GRI concept. Its use is the result of a writing option, of simplification of the language.
Note: See GRI Table for access to methodological information about the calculation of the GRI 303-3/4/5 indicators.

Evolution of specific water consumption ⁽¹⁾
overall and by factory, per finished product (hL/hL)



Next steps

Definition of objectives and targets by the Water and Wastewater Work Group

2024





7.3 Circular economy

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We aim to be an active agent in creating a more circular economy, minimizing the consumption of resources, and reducing their waste.

WE HIGHLIGHT ★

19.5 % Incorporation of rPET in plastic packaging

92.3 % Packaging materials compatible with recycling methods

4.9 % Sales weight in reusable packaging

22.0 % Reusable packaging in total single serve packaging in HORECA

7,053 t Waste produced



the reduction of waste and its forwarding recovery, are aspects to be highlighted.

At Sumol Compal we have established four commitments, in a logic of reduction, reuse and recycling, as well as consumer awareness.

CIRCULAR ECONOMY Commitments

- 1 Reduce the use of virgin fossil materials
- 2 Promote the recycling of packaging waste
- 3 Encourage the use of reusable packaging
- 4 Contribute to the reduction of waste

Circular economy is one of the six priority topics of our 2030 Sustainability Agenda (→ [Chap. 6.2](#)). In this sense, a Circularity KPI (key performance indicator) was integrated into the Company's objectives in 2022, which adds the evolution of the incorporation of PET - polyethylene terephthalate (rPET) and the increase in the use of reusable packaging.

It should also be noted that we have been working for several years, in the different stages of our value chain: upstream, with our packaging suppliers, applying eco-design techniques; and downstream, seeking various ways to raise awareness among consumers.

Packaging is an inseparable element of the food and beverage industry, playing a fundamental role in the protection and safety of products, in their quality and conservation, in transport and serving as a medium for consumer information and brand communication.

However, it constitutes a significant part of our environmental impact, both due

to the use of virgin raw materials and the possible incorrect disposal by consumers/end customers, both bringing increasingly demanding regulatory challenges.

On the other hand, circular economy can inspire the development of new business models based on circularity principles or even the revitalization of existing models, such as reusable packaging systems. It can

also reduce operational costs and improve competitiveness in the market, as well as generate visibility among consumers, although they privilege convenience, they are increasingly informed, demanding and concerned about sustainability issues.

As a result of our activity, organic and inorganic waste is also generated. The focus on the efficiency of the use of raw materials,



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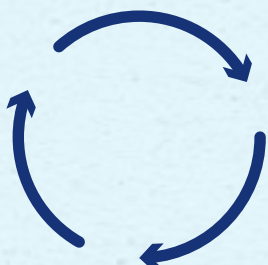
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APROACH TO CIRCULAR ECONOMY

REDUCE THE USE OF VIRGIN FOSSIL MATERIALS

2030 Agenda Objective: Increase the incorporation of rPET into PET primary packaging.

Application of eco-design techniques on new and existing packaging.



PROMOTE THE RECYCLING OF PACKAGING WASTE

2030 Agenda Objective:

Ensure that 100% of our packaging materials are compatible with recycling methods.

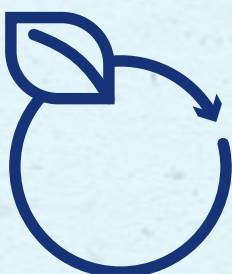
Co-lead the implementation of effective packaging waste management systems.

Consumer awareness.

ENCOURAGE THE USE OF REUSABLE PACKAGING

2030 Agenda Objective: Increase the sales weight of reusable packaging.

Reinforce the reusable packaging stock.



REDUCING BIO-WASTE

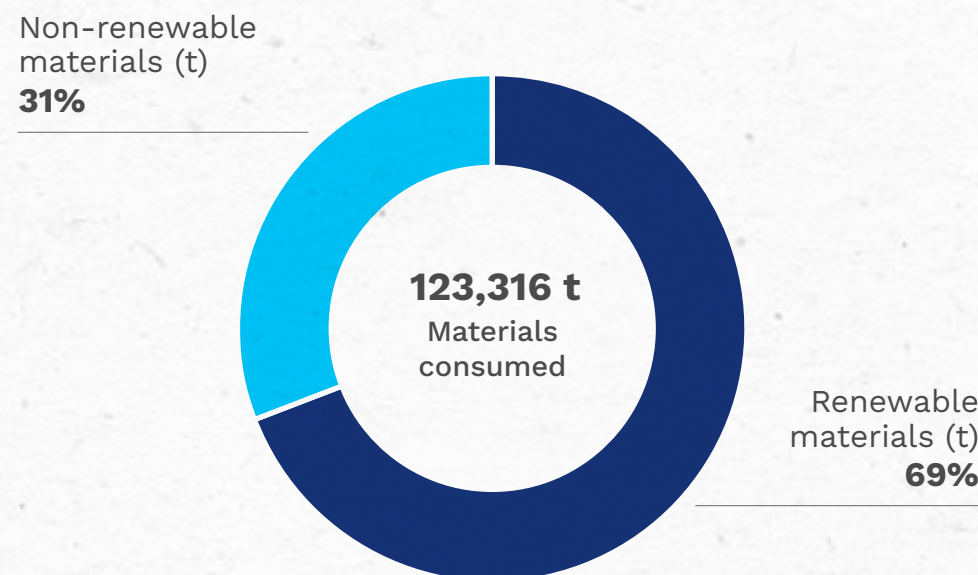
Study on the valorization of bio-waste produced in plants.

Consumption of materials

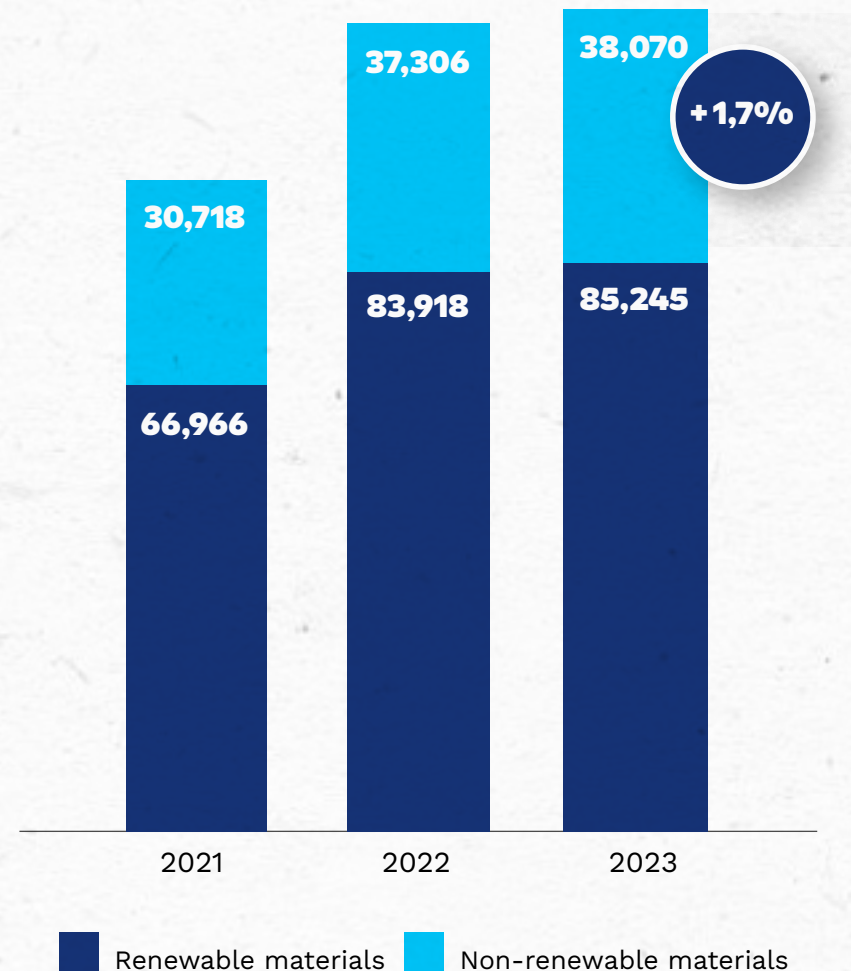
At Sumol Compal we mostly consume renewable materials – which include fruits and vegetables raw materials (which represents 77% of the weight of materials), paper and cardboard and bottle caps made of polymers derived from sugarcane.

In terms of non-renewable materials, packaging materials stand out, with emphasis on glass, plastic, and steel/aluminum.

Consumption of materials by typology in 2023



Evolution of total materials consumed (t)



Note: See GRI Table for access to methodological information about the calculation of the GRI 301-1 indicator.

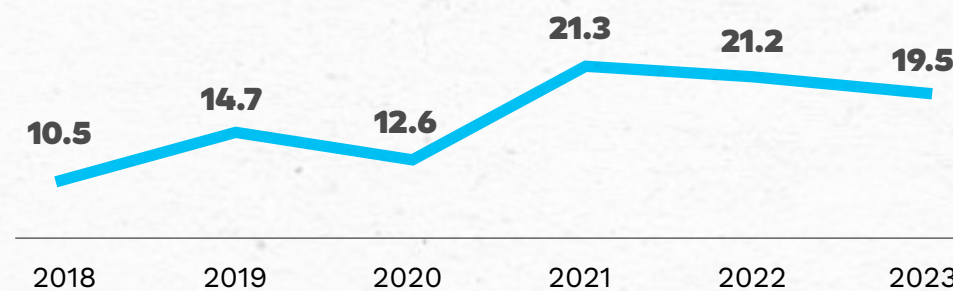
Reducing the use of virgin fossil materials

Always ensuring safety and functionality, over the years we have sought to reduce the impact of our packaging, whether through the elimination of unnecessary materials, weight reductions, use of recycled raw materials or from renewable sources, among others.

On a path that began in 2017, the PET packaging of our brands has been increasing the incorporation of recycled plastic. In 2023, this progression was interrupted by the unavailability of raw materials, high prices and some technical limitations. This year, PET packaging incorporated on average, 19.5% rPET, which allowed us to avoid the use of 521 tons of virgin PET.

It should be noted that the 250 mL and 750 mL packages of Compal Fresco, the Compal Essential jar and the 6 L bottle of Serra da Estrela Water, are made of 100% rPET, and the entire Serra da Estrela Water range incorporates at least 25% rPET.

rPET incorporated into PET packages (%)⁹



⁹ Scope: PET primary packaging; Sumol Compal brands; sales in Portugal.



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Life cycle analysis of packaging for water and soft drinks

The life cycle analysis of water packaging and refreshing beverage packaging was developed in partnership with PIEP - Innovation Pole in Engineering and Polymers and co-financed by Sociedade Ponto Verde as part of its Research & Development (R&D) program. The focus was on the life cycle analysis of packaging for the brands Água Serra da Estrela and Sumol, aiming to deepen knowledge about the impact of each type of packaging and make conscious and informed decisions on how to reduce it.

Regarding the results, we highlight that, globally, PET packaging with higher capacity has the lowest impact. Both glass and aluminum packaging's environmental impact is highly dependent on the recycling rate, making it essential to invest in awareness and improvement of waste management systems.



In addition to the incorporation of recycled material, which is already an improvement in terms of eco-design, we carried out a life cycle analysis of the packaging of water and soft drinks (see featured initiative) and advanced with other important changes:

- Concerning the PET packaging of Água Serra da Estrela brand, since 2010 we have reduced the weight by over 25g (6.2g in 0.33 L + 6.5g in 0.5 L + 12.5g in 1.5 L).
- At the Almeirim plant, we changed most of the 200ml cardboard packaging of Compal and Um Bongo (see featured initiative).
- Reduction of close to 10% in the weight of the 200ml Compal glass bottle and the 1.5L PET packages of Sumol, B! and Antárctica.

The 250 mL and 750 mL packages of Compal Fresco, the Compal Essencial jar and the 6 L bottle of Água Serra da Estrela, are made of 100% rPET, and the entire Água Serra da Estrela range incorporates at least 25% rPET.



New packaging with incorporation of certified materials

At Compal and Um Bongo brands, we have introduced a new single-serving packaging with a higher percentage of renewable materials (84%) and improved ergonomics. This complex cardboard packaging is made from cardboard sourced from FSC-certified forests and other controlled sources, while the caps are made from polymers derived from sugarcane and certified by Bonsucro, thus supporting the sustainable production of this raw material. The packaging also carries Carbon Trust certification, which certifies the carbon footprint of the packaging and the efforts being made by the manufacturer to reduce its carbon emissions.



Promoting the recycling of packaging waste

Although the destination of the packaging following the moment of consumption does not depend directly on Sumol Compal, we strive to positively influence the behavior of our consumers so that, after consuming our products, they correctly send the packaging for recycling. By doing so, we will be contributing to a reduction in environmental impact, a greater availability of recycled raw materials, as well as a more circular economy.

In 2023, we continued to invest in on-pack communication, placing on all our primary packaging sold in Portugal the iconography indicating the appropriate bin for selective disposal. At the same time, several off-pack

communications were released throughout the year – websites, social networks and muppies – calling for the correct disposal of packaging waste.

It should be noted that, in anticipation of the entry into force of the European Union's Single-Use Plastics (SUP) Directive, in 2023 we started to incorporate bottle caps attached to the packaging in our CPLF packaging – Cardboard Packaging for Liquid Foods. As explained in the video we released to clarify this change to consumers, this change makes it easier for caps to be sent for recycling as a whole, not getting lost during the sorting process.

[▶ Learn more](#) about the incorporated bottle caps used in the Compal 1L format packages.



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We also highlight the existence of the Recycling Academy at our Almeirim plant (since 2022), a playful-pedagogical space open to the public (by appointment), dedicated to promoting the circularity of packaging, where the young can learn about circular economy, the importance of waste separation and recycling, and the CPLF recycling process. In 2023, more than 1700 children visited our Academy, including all 4th grade students from schools in Almeirim, in an event promoted in celebration of Children’s Day.



Encouraging the use of reusable packaging

From a perspective of circularity, we have strengthened our stock of reusable packaging, namely the reusable glass bottles of Sumol, Pepsi and 7UP. This renovation also involved new crates for transporting and packaging bottles, which incorporated the plastic from the old crates, making the project even more circular.

With this reinforcement, we eliminated the sale of single-use glass packaging in the Sumol, Pepsi, 7UP and Água Serra da Estrela brands.

Waste generation and contribution to waste reduction

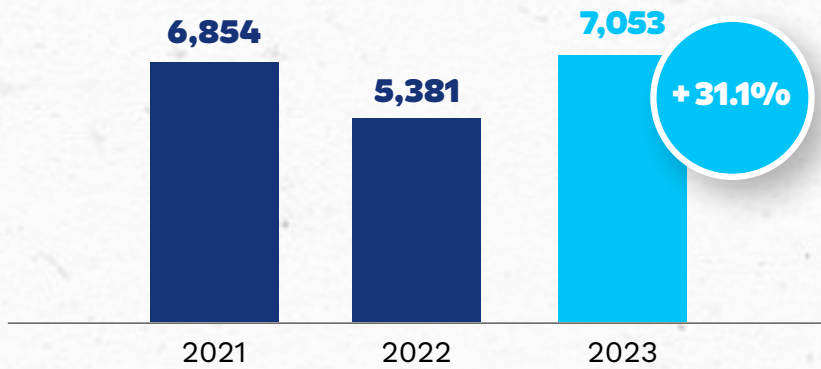
In parallel with the appeal for consumers to recycle packaging waste from our products, we are committed to managing the different types of waste produced at our facilities in the best way possible.

In 2023, we sent 93% (-6% percentage points compared to 2022) of our total waste produced (7,053 tons), having disposed the rest to landfills. This setback was due to the extraordinary scrapping of obsolete equipment, the closure of the Carnaxide distribution center and the dismantling of the old cogeneration plant in Almeirim in the reporting year. The main waste generated at our facilities are glass, metal and wood packaging; finished products unfit for consumption; and waste equivalent to urban waste.

Over the years we have been working to reduce waste and, in 2023, we highlight the evaluation carried out on potential applications to our bio waste (see highlight) and the Sumol Compal donation program that aims to support external entities in local communities, through the donation of foodstuffs (patronage), channeling part of the products with a date closer to the end of their shelf life, but in excellent conditions of consumption, allowing to avoid food waste.

Waste production

Evolution of total waste produced (t)



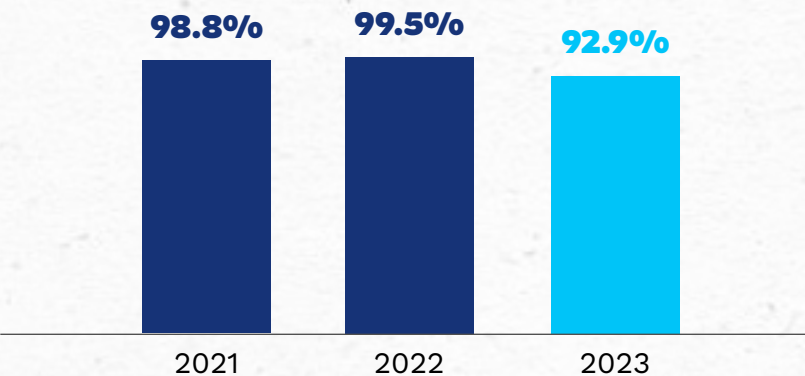
Distribution of waste by type of waste in 2023 (%)



Distribution by type of operation in 2023 (%)



Evolution of the waste valorization rate (%)



Note: See GRI Table for access to methodological information about the calculation of the GRI 306-3 indicator.

Potential applications of biowaste Assessment

In 2023, we sent samples of our biowaste, such as tomato pulp (skin and seeds), peach pits, fruit pulps, and material unfit for consumption, to be characterized and evaluated for their potential applications - e.g., pigments for non-food industries, vinegars, energy production, composting, polymers, and animal feed. This process involved the contribution and involvement of 17 institutions, including Universidade Católica do Porto, Escola Superior Agrária de Coimbra, Paladin, Agrolex, IBET, among others. At the moment, we are still receiving the results and evaluating their feasibility. However, existing legislation may pose a challenge regarding the classification of these biowastes as by-products, a necessary condition for the continuity of this process.

Next steps

- Definition of roadmap for rPET incorporation 2024
- Contribution to the implementation of the packaging waste deposit and refund system in Portugal 2025





7.4 Responsible agriculture

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We aim to enhance and develop our relationship with the fruit and vegetable chain, in hope for greater proximity, collaboration and responsibility.

WE HIGHLIGHT ★

144 ha Exclusive orchards

49.0 % FVRM¹⁰ Source and/or proximity processing¹¹

31,900 t Fruit processed in Almeirim

88 % Processed fruit of Portuguese origin

The agricultural sector has a fundamental role in meeting the demand for nutritious, affordable, and safe food, from a growing, increasingly informed, and demanding population.

On the other hand, there is a growing recognition of the impacts associated with this sector – the intensive use of natural resources and the employment of labor, often



low-skilled and migrant, are some of the factors that contribute to the significance of these impacts.

Climate-related risks pose real threats for farmers' livelihoods and global food security

and can directly affect our ability to source quality ingredients that we use in our products.

By relying on biodiversity, soils and ecosystems, the implementation of sustainable practices is a key condition

for food security and fostering resilience to climate change, reducing food waste, highlighting the role of the industry in disposing of surpluses and adding value to the chain, and providing adequate income and livelihood for farmers and their communities.

¹⁰ Fruit and Vegetables Raw Materials.

¹¹ Considered purchases of raw materials sourced or processed in the Iberian Peninsula.



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Conscious of the impacts of the sector and associated risks, we recognize the importance of promoting sustainable agriculture as part of our Company’s responsible actions.

In the production of our products we use various raw materials, we are constantly innovating and testing new flavors and recipes. Due to the volume, diversity, and quality of our portfolio, we work with suppliers from all over the world and in large quantities. However, whenever possible, we favor national raw materials – which has given rise to different flavors of the Compal Clássico, Compal Origens and Compal Fresco ranges.

By working closely and collaboratively with our suppliers, we encourage the use of sustainable agricultural practices and support the enablement of our producers. In this way, we protect our business from potential interruptions, ensuring the supply and quality of our raw materials, contributing to the mitigation of environmental and social risks in our supply chain. Equally we promote the generation of value and the positive impact on agricultural communities, also meeting the demands and expectations of consumers and society in general.

Our approach to sustainable agriculture is guided by our values of integrity and responsibility. We set clear standards through our Suppliers’ Code of Conduct. To ensure the compliance of suppliers with the practice, in 2023 we joined a ESG risk management and compliance platform. This ambition is embodied in our 2030 Sustainability Agenda (→ Chap. 6.2), where we also established the goal of increasing the purchase of local fruit and vegetable raw materials (combined with our commitment to decarbonization).

Incorporation of proximity fruits and vegetables

The incorporation of local fruit and vegetable raw materials allows us to leverage value to our brands and Company, as well as to reduce the emission of greenhouse gasses associated to the transport of these raw materials (→ Chap. 7.1), actively encouraging and contributing to the development of the local and national economy, particularly the primary sector.

In this context, we maintain the objective of increasing the incorporation of local fruits and vegetables, having reached, in 2023, a volume of 68,102 tons of fruit (total converted into fresh fruit), which represents 49.0% of the total fruit incorporated.

Incorporation of proximity fruits and vegetables raw materials (%)

	2021	2022	2023
Portugal	32.8	42.3	39.9
Spain	7.7	8.8	9.1
Total	40.5	51.0	49.0

Nota: proximity = Considering purchases of origin or processing of raw materials located in the Iberian Peninsula

It should be noted that in 2023 we increased the number of fresh fruit suppliers by 13 and incorporated new species of local fruit, such as the quince from the Alentejo region.



Aurora’s Quince Nectar

Aurora’s Quince Nectar project emerged with the aim of diversifying the range of Compal products, in partnership with the producer of Aurora’s Quinces, introducing a new nectar option that values national fruits and offers a unique flavor experience to consumers. This partnership follows the award given by the Compal Fruitology Center to Aurora Santos.

The development and launch of Aurora’s Quince Nectar occurred in early 2023, with its market release scheduled for early 2024.

Initial results included positive feedback regarding taste and quality, and an increase in awareness of supporting local agriculture. Aurora’s Quince Nectar thus contributes to strengthening Compal’s position as an innovative leader in the fruit beverage market.

I was selected to attend the Academia do Centro de Frutologia Compal, where I received training, spoke with producers who have years and years of experience, visited model farms that are in production, and received advice. This made me feel much more confident to start the activity.



Aurora Santos
Aurora’s Quince Producer

Watch here the interview with Aurora Santos on the program “Faça chuva, Faça Sol”.

Every year we process around 30 thousand tons of fresh fruit and vegetables at our plant in Almeirim. Of these, 88% are of Portuguese origin.





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Partnering with fruit farmers

For more than 70 years we have been looking first and foremost for national suppliers, for the quality of their products, as well as to give back value to the community, supporting the businesses of national fruit farmers.

We would like to point out that some Portuguese orchards work exclusively for Compal, including peach from Cova da Beira, which means that full outflow is guaranteed to producers, giving them greater security.

➤ See [here](#) the footage of the “Faça chuva, faça sol” program about Sumol_Compal and the work carried out by the Company, from



The close relationship we have with our producers is reflected in the quality of the final product. There is a relationship established and bonds that are created, which translate into mutual support, with a common goal: good quality fruit, year after year.



the field to consumer's table, through long-term partnerships.

With the objective to encourage innovation in the fruit sector, promote national fruit and fruit products in elements of production, transformation and consumption, in 2012 we created the ➤ [Compal Fruitology Center \(CFC\)](#).

With a collaborative and multidisciplinary spirit, the center brings together entities and organizations from the sector, public and private, governmental, business and associative, which help to strengthen all the content generated and shared between instructors and fruit farmers.

Compal Fruitology Center (CFC) OBJECTIVES

- To increase the value of national fruit
- Promote the consumption of fruit and fruit products
- Generate value through innovation in the fruit sector
- Boost the development of the fruit sector
- Stimulate the national economy

A decade of impact on Fruticulture

Celebrating its tenth anniversary, Compal's Fruitology Center reaffirmed its commitment to sustainability in Portuguese fruitology. The event, marked by the awarding of three scholarships totaling €60,000, recognized entrepreneurs whose productive areas are in Castelo Branco, Viseu, and Torres Novas. They were selected based on criteria of technical knowledge, business strategies, environmental impact, and sustainable practices implemented in their projects. Each winner, in addition to €20,000 installation scholarship, will receive support to implement projects that promote sustainable practices on their farms.

At the scholarship award ceremony, the importance of sustainability in fruitology was addressed through the first panel “From Producer to Consumer,” which featured the presence of Nuno Gaspar de Oliveira, CEO of NBI – Natural Business Intelligence, Gabriela Cruz from APOSOLO, and Gonçalo Madeira, a former scholarship holder of the CFC Academy. In the second panel, former scholarship holders of the Academy shared their experiences on how they applied their scholarships to promote sustainability on their farms.



It is worth noting that, in 10 editions, 23 installation scholarships totaling €630,000 were awarded and over 130 fruit growers were trained, totaling more than 500 hours of training in 74 municipalities from north to south, covering more than 20,000 km across the country.

➤ Watch [here](#) the video of “Compal's Fruitology Center Academy 10 years”.



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Management of the chain of suppliers

We have established a policy of centralization of the purchase of relevant goods and services, believing that such practice provides Sumol Compal with a specialized and dedicated structure to the search, selection, monitoring and evaluation of suppliers, having the ability to implement procedures that guarantee the best practices, mitigating the associated risks.

In combination with the good conduct defended by the Company, we ensure that our suppliers read and subscribe to the [Suppliers' Code of Conduct \(SCC\)](#), via the Supplier Portal Platform.



Adoption of the EcoVadis platform

As part of our commitment to promote a more sustainable value chain, we joined EcoVadis platform in 2023, a global platform that allows for the assessment and management of sustainability practices in the supplier chain. We began by conducting a Maturity Assessment of our procurement, based on five axes: vision and goals; governance and resources; policies, procedures and processes; continuous improvement; and reporting. Subsequently, the sustainability and procurement teams worked

on a vision and objectives for the coming years and built a roadmap with the aim of covering all strategic suppliers.

Our short-term goal is to assess the ESG performance of our strategic suppliers—essentially co-packers, suppliers of fruit and vegetable raw materials, and packaging materials. In the long term, we aim to address the lack of knowledge about the ESG practices of our suppliers, empowering us to manage high-risk situations and promoting synergies that enhance positive impacts and minimize negatives.

In total, we identified about 289 strategic suppliers, with 65 sharing their scorecards by the end of 2023. We also developed a communication kit for our procurement team to address the main concerns of our suppliers, explain the program's goals, among other issues. This team also received training. It's worth noting that joining EcoVadis platform can benefit the suppliers themselves, helping them improve their ESG performance, reduce costs, and increase competitiveness. Thus, in a joint effort with our suppliers, we aim to develop initiatives aimed at reducing, mitigating, or even eliminating these impacts, promoting fairer, responsible, and balanced practices, both socially and environmentally.

The SCC defines a set of ethical, legal, environmental and compliance principles relevant to the Company in its business relation. By subscribing to this Code, suppliers acknowledge that all existing and future agreements, contracts, and business relationships are subject to the provisions described.

Additionally, we seek to deepen our knowledge of suppliers' ESG practices and ensure that we partner in the developing of an action plan that improves these practices.

Next steps

Assessment of the ESG performance of our strategic suppliers via the EcoVadis platform

2024-2025

Investigation of new species of fruits and vegetables, along with the identification of new suppliers

In progress

Increase the number of hectares of exclusive orchards

In progress