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BEAZ, SAU

Environmental report 2023



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1. Presentation of BEAZ

In 1987, Bizkaia Provincial Council approved the creation of BEAZ S.A.U. as an entity dependent on the Department of Economic Promotion faced with the need to improve the competitiveness of Bizkaia's companies.

BEAZ S.A.U. is a Provincial Public Corporation whose purpose is to carry out all those activities necessary to promote, develop, and foster the competitiveness of companies, to create and maintain quality jobs and, in general, to make Bizkaia an innovative, creative, dynamic, and enterprising territory where competitiveness and social cohesion are a guarantee of the present and future well-being of Bizkaia's society.

To this end, BEAZ S.A.U. participates in the definition and management of the aid programmes granted by the Department of Economic Promotion, which are divided according to the objectives of business creation and growth.

It also offers a series of services to support SMEs and entrepreneurs in Bizkaia. Each year, based on the needs identified and the results of the R&D&I projects developed, new services are designed.

BEAZ S.A.U. has its own network of business incubators and start-up accelerators, with the aim of creating a favourable environment for entrepreneurship in which companies can validate their business models and accelerate their growth.

It also provides companies and entrepreneurs with a network of spaces and infrastructures that promote an ecosystem to encourage networking. These spaces can be rented by the hour, half-day, or full day, and are equipped to hold meetings, interviews, presentations, training, coaching sessions, working breakfasts, etc.

2. Management Policy

BEAZ S.A.U. is a socially responsible company, which is respectful of the environment, particularly concerned with the search for equality between women and men, attentive to the health of its staff, as well as to the general well-being of the society it serves. It shall do so in such a way that by complying with the legal requirements and those it adheres to voluntarily, it can at the same time maintain a working system based on continuous improvement that will help to achieve its aims as part of its Business Excellence.

In order to carry out its functions and to promote the Continuous Improvement of its activities and describe the processes associated with them, BEAZ S.A.U. has a comprehensive management system that meets the requirements of:

- Quality Management (UNE-EN ISO 9001:2015).
- R&D&I Management (UNE 166002:2021).
- Environmental Management (UNE-EN ISO 14001:2015).
- Accessible Website Management (UNE 139803:2012).
- Occupational Risk Prevention Management.



- Equality Management.
- Compliance Management.
- Personal Data Protection Management.
- Management of the Protection and Exploitation of Results.

BEAZ S.A.U.'s management and staff are aware of the importance of meeting the demands of all stakeholders, as well as complying with legal and regulatory requirements and other requirements adhered to by the company without losing sight of the innovations and technological changes required by the market. It shall do so while being actively committed to the continuous improvement of environmental performance:

- Optimising consumption.
- Reducing and properly managing the waste generated.
- Protecting the environment by preventing and minimising the pollution produced by its activities.
- Raising environmental awareness among clients, suppliers, and service providers.
- Implementation of the methodology and subsequent recognition with the Erronka Garbia - Sustainable Event certificate from Ihobe with the aim of raising awareness among those attending the event and BEAZ S.A.U.'s collaborating entities of the need to mitigate the negative impacts arising from the holding of large-scale events.

In addition, all activities associated with the BEAZ S.A.U. Management System in all workplaces and in its broadest sense must be carried out with an approach based on continuous improvement, which consists of:

- Planning.
- Analysing and developing contingency plans for potential risks.
- Executing actions as planned.
- Monitoring and control over the worked developed.
- Verifying and validating the results obtained.
- Analysing lessons learnt with a focus on continuous improvement, as well as taking advantage of opportunities as they arise.

To this end, the company's management is committed to the following general objectives:

- To set the framework for establishing and reviewing our objectives and targets, as well as those responsible for them, resources, and indicators, with all of this being part of the corresponding Management Plans.
- To obtain from BEAZ S.A.U. staff a commitment to meet the demands of all stakeholders, as well as to comply with legal and regulatory requirements and other requirements freely adhered to by BEAZ S.A.U.
- To optimise internal management by eliminating tasks that do not add value, providing the necessary resources to meet the objectives set, and informing staff of the results obtained.
- To strengthen environmental monitoring and market forecasting, so that, together with the analysis of our own and other projects, a basis for technological forecasting can be created.
- To establish a system for identifying and managing risks and opportunities, both internal and external.



- To recommend to our clients, suppliers, contractors, and subcontractors that they comply with the provisions established in the areas subject to the Management System in place at BEAZ S.A.U.
- To ensure that the social agents we target as clients see BEAZ S.A.U. as a company committed to quality, equality, innovation, the environment, and occupational health and safety, as well as being a company that is socially responsible and committed to continuous improvement within its sphere of action.

This policy is in line with the company's culture and values and should be communicated, understood, and implemented, as well as regularly reviewed within the organisation.

3. Brief description of the Management System

The management system of BEAZ S.A.U. includes:

- **Management Manual:** Describes in detail the overall policy and objectives of the Management System adopted by BEAZ. It refers to what activities are performed within the Management System and to other established documents or performance standards.
- **Policy:** Intentions and direction of the organisation, formally expressed by the Directorate-General.
- **Procedures:** These are the set of documents that describe in a detailed and complete way how an activity is carried out, assigning responsibilities. They are structured in Strategic Procedures, referenced as "PRE", Operational Procedures referenced as "PRO", and Support Procedures, referenced as "PRA", all of them followed by a correlative number.
- **Format of records:** They provide evidence of conformity to requirements and of the operation and effectiveness of the IMS.
- **Other documentary records:** both internal and external, which also enable the proper operation and effectiveness of the IMS.



The process map of BEAZ S.A.U. is shown below:

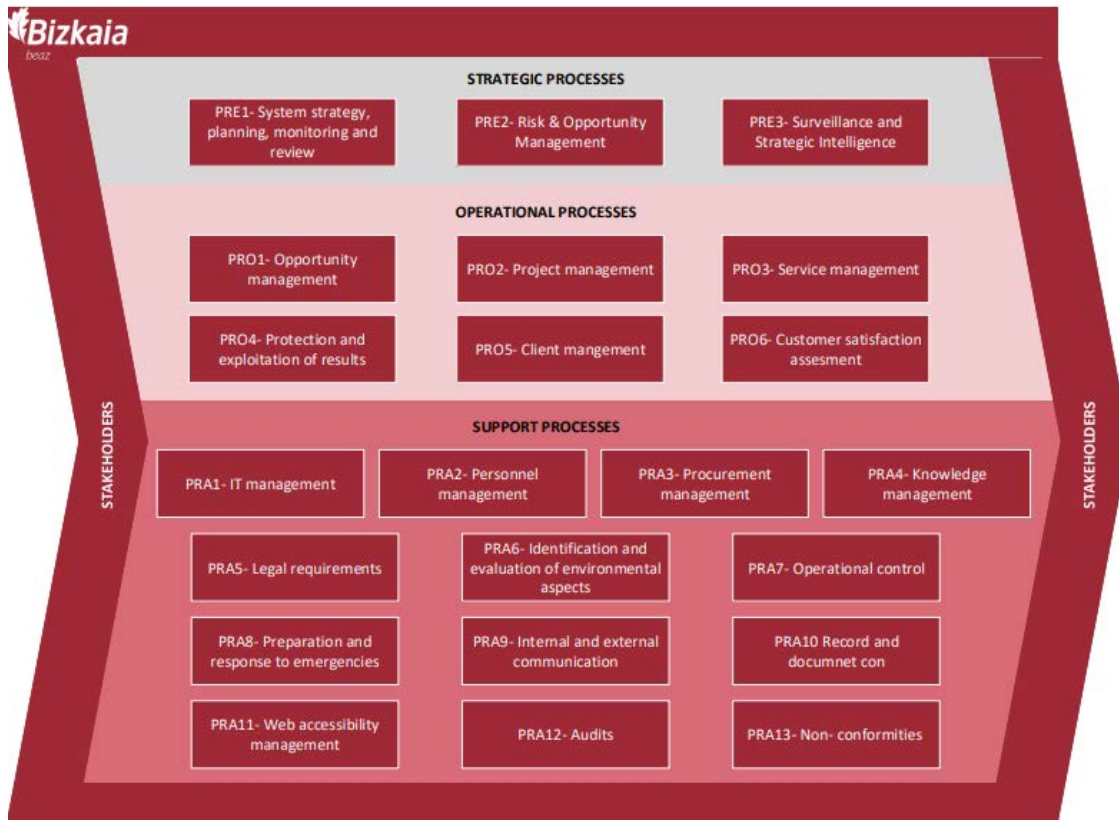


Illustration 1: Process Map

4. Identification of Environmental Aspects

The identification of environmental aspects associated with the processes and activities of BEAZ S.A.U. is carried out by the person responsible for the Integrated Management System (hereinafter, RIMS) considering current processes and activities, as well as new or modified ones, if any, and abnormal conditions and emergency situations, from a life cycle perspective.

Both direct aspects (those that the organisation can control) and indirect aspects (those that it can influence) are identified.

This identification is carried out based on the different environmental areas on which the activity may have an impact.

This identification and registration of environmental aspects is carried out at the beginning of the system and whenever there are changes in the organisation's activities and services.

The risks and opportunities associated with each environmental aspect are identified and need to be addressed to:

- Ensure that the Management System can achieve its intended results.



- Prevent or reduce undesirable effects.
- Achieve continuous improvement.

Actions are established to address these risks and opportunities, integrating, or implementing, where appropriate, the actions into the Management System processes, and establishing the method of evaluating the effectiveness of these actions.

The identification and review of environmental aspects shall take place at least annually during the System Review and each time a new aspect is identified or any of the identified aspects are modified. That is, each time an activity, process, installation, or service is initiated or modified, its environmental aspects will be identified and evaluated as established in the procedure.

In 2023 the significant environmental aspects for BEAZ S.A.U. were as follows:

- Paper/cardboard waste
- Carbon footprint

As will be seen below, the significant aspects have been considered in the definition of the environmental objectives.

5. Environmental objectives

In line with our commitment to environmental improvement, environmental objectives are approved annually and compliance with them is monitored.

5.1. Result of environmental objectives 2023

The result of the environmental objectives set for 2023 is presented below:

- *BEAZ's contribution to the Sustainable Development Goals*: Finalised satisfactorily. BEAZ's SDG contribution report has been prepared and disseminated internally. All the SDGs to which BEAZ contributes have been analysed by classifying all the services/programmes/projects it develops that may contribute to them.
- *Reduction in electrical energy consumption by 5%*: Finalised satisfactorily. Thanks to the implementation of the new energy saving measures and the increase of outside temperatures, there has been a significant decrease compared to 2022 (11%).
- *Reduction in paper consumption by 5%*: Finalised satisfactorily. Due to the awareness-raising measures implemented and the generational change, there has been a change in the trend of paper consumption, achieving a significant decrease compared to 2022 (23%).
- *To increase the impact on environmental awareness among customers*: Finalised satisfactorily. Over 80% of the people (over 225 pax) who responded to the BEAZ activity evaluation surveys said that we promote environmental excellence and are aligned with the SDGs. We will continue to actively communicate all the actions we carry out that have a positive impact on the environment.

5.2. Environmental objectives 2024

The following environmental objectives have been defined for the upcoming 2024 period:



OBJECTIVE	DEADLINE
Digitalisation of supplier invoices and travel tickets to facilitate administrative management and reduce the use of paper	31/12/2024
Monitoring BEAZ's contribution to the decarbonisation of companies in Bizkaia by assessing their participation in EgokINN	31/12/2025
Contribution to the development of the General Energy Action Plan for the Provincial Sector within the framework of the Commission for Energy Sustainability	31/12/2024
Raising awareness among employees about improving energy efficiency	31/12/2024
Contribution to the development of the General Energy Action Plan of the Foral Sector within the framework of the Energy Sustainability Commission	31/12/2024

6. Environmental performance

The data corresponding to the environmental performance of BEAZ S.A.U. over the last nine financial years from 2015 to 2023 are presented below. When analysing how environmental performance has developed, it should be kept in mind that the years 2020 and 2021 were not a representative sample due to the pandemic crisis.

6.1. Evolution of consumption and greenhouse gas emissions

6.1.1. Consumption of electrical energy

The data analysed are obtained from the invoices of the company providing the service.

In 2023, there was a downward trend in electricity consumption thanks to the energy saving measures implemented, such as temperature limits, meaning that air conditioning should not be set below 27°C in summer and heating above 19°C in winter, and awareness-raising regarding the switching on and off equipment and lighting.

Even so, we believe that there is room for improvement, and we will continue to raise awareness to make improvements in this regard.

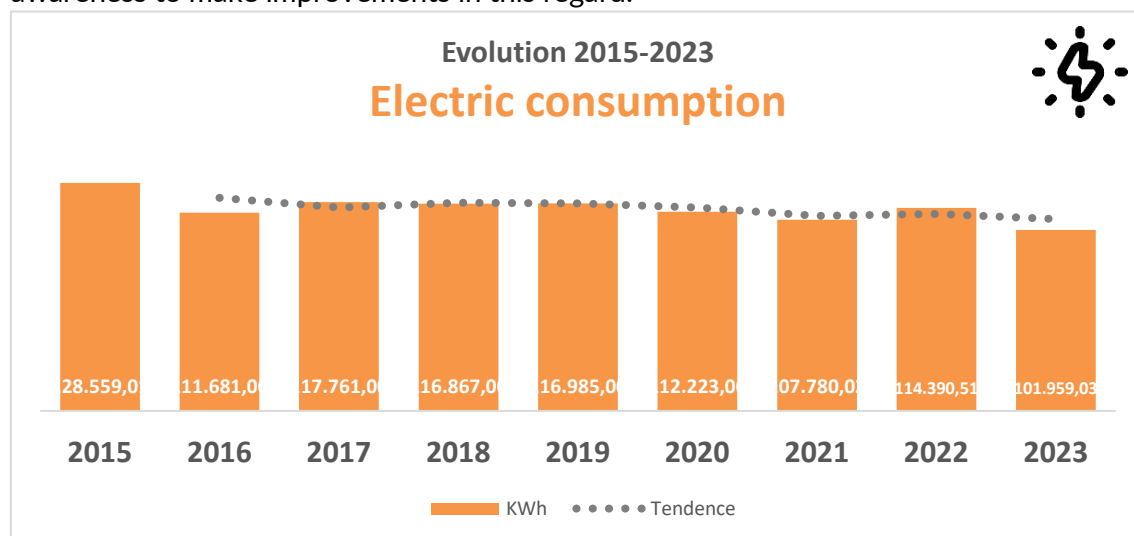


Illustration 2 Evolution of electricity consumption

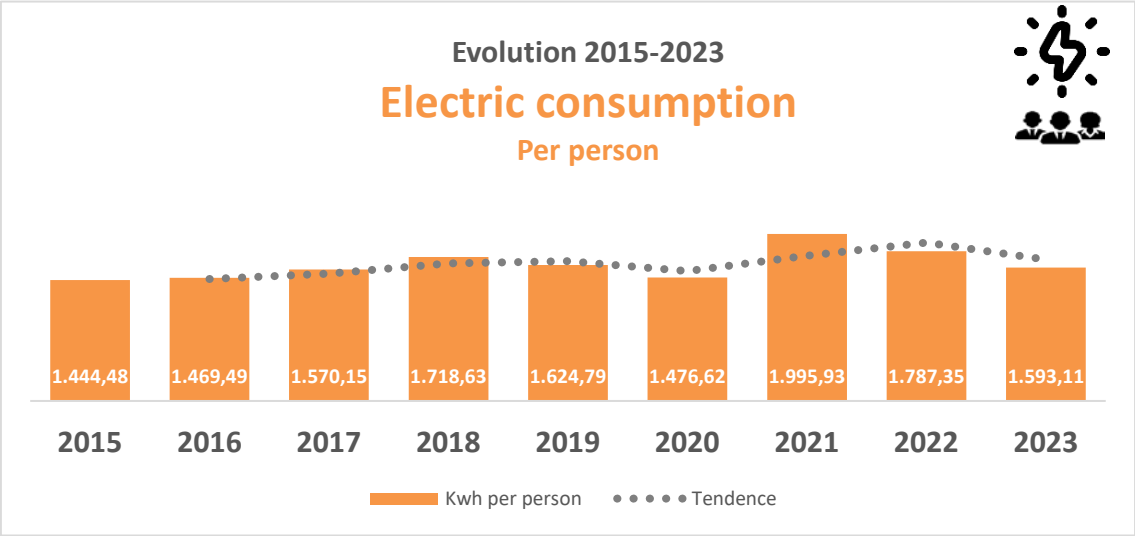


Illustration 3 Evolution of electricity consumption per person

6.1.2. Paper consumption

The data analysed are taken from the invoices of the supplier company as well as the printing and copying figures of the office equipment.

There has been a decrease in paper consumption over the last year. Although this is positive, employees will continue to be made aware of the correct consumption of paper by means of the Decalogue of Good Practices, awareness-raising signage, and monitoring and control of consumption.

The trend over the previous years has clearly been downward (except for the difference in 2020 and 2021, which are not a representative sample).

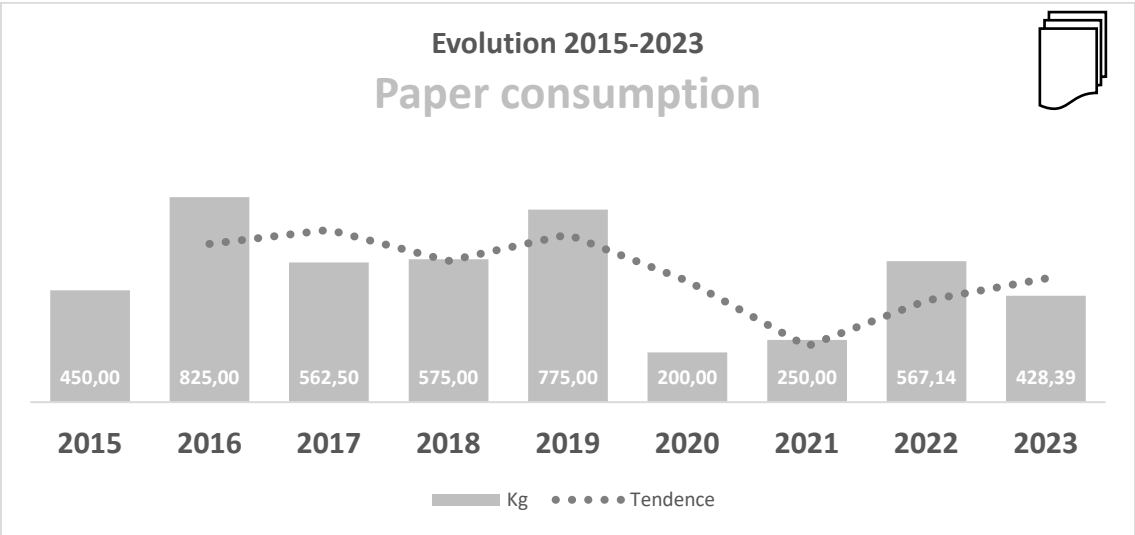


Illustration 4 Evolution of paper consumption

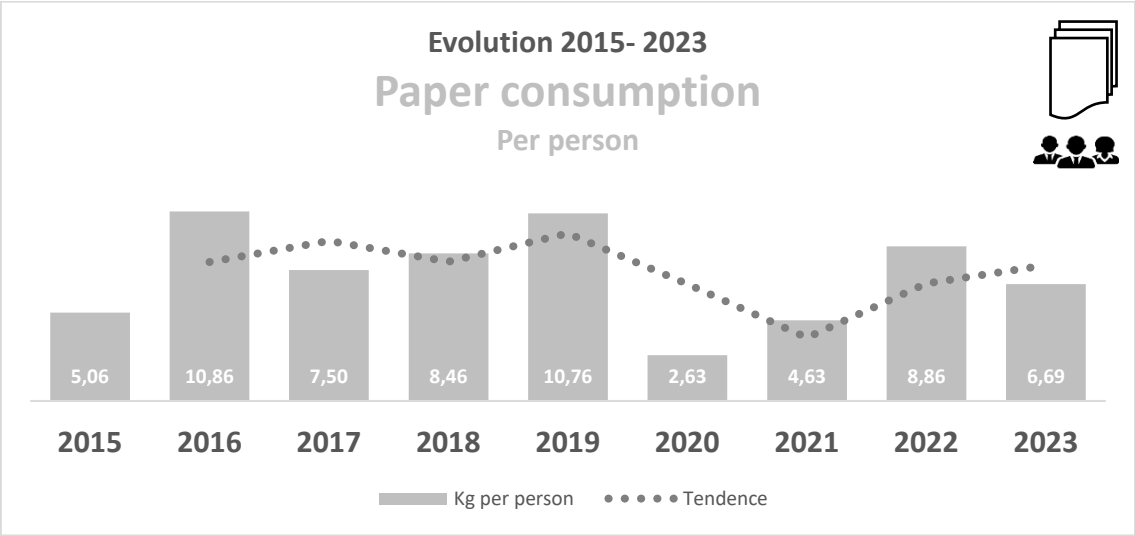


Illustration 4 Evolution of paper consumption per person

6.1.3. Water consumption

The data analysed are obtained from the invoices of the company providing the service.

A slight upward trend has been observed in recent years. In any case, the latest data consist of estimates, so the actual consumption will be adjusted to have a more accurate level of monitoring.

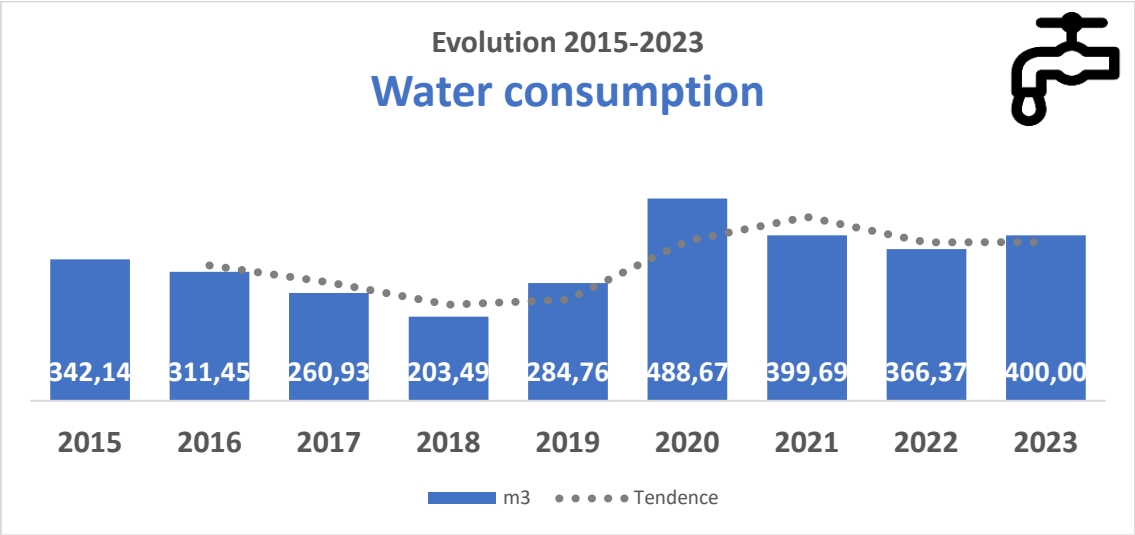


Illustration 5 Evolution of water consumption

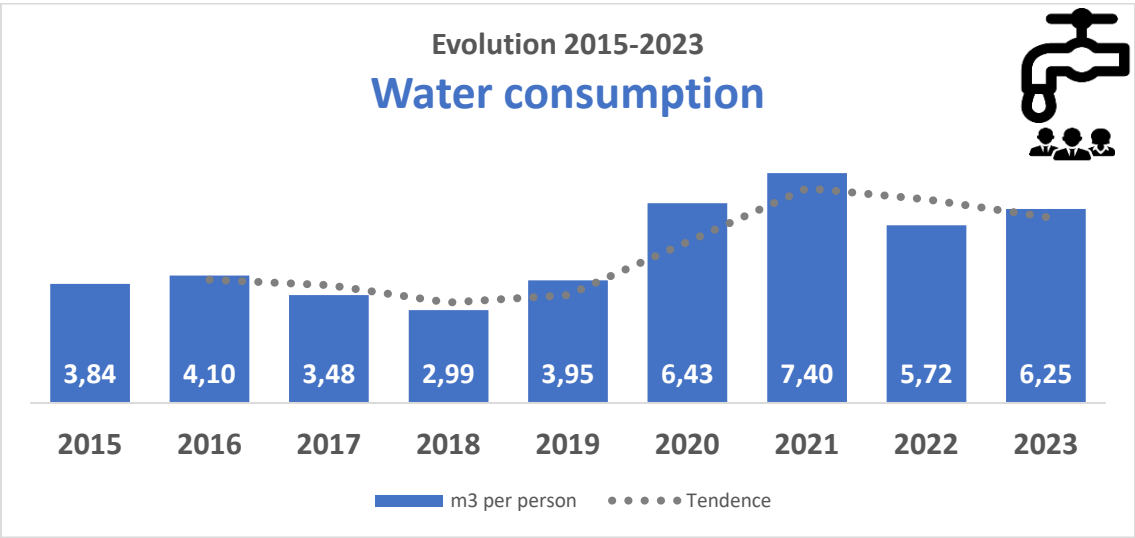


Illustration 6 Evolution of water consumption per person

6.1.4. Consumption of fuel for vehicles

The data are obtained from the refuelling invoices of company vehicles.

In 2023, there was a downward trend thanks to optimising route planning for company visits. In addition, meetings take place more often online since the pandemic.

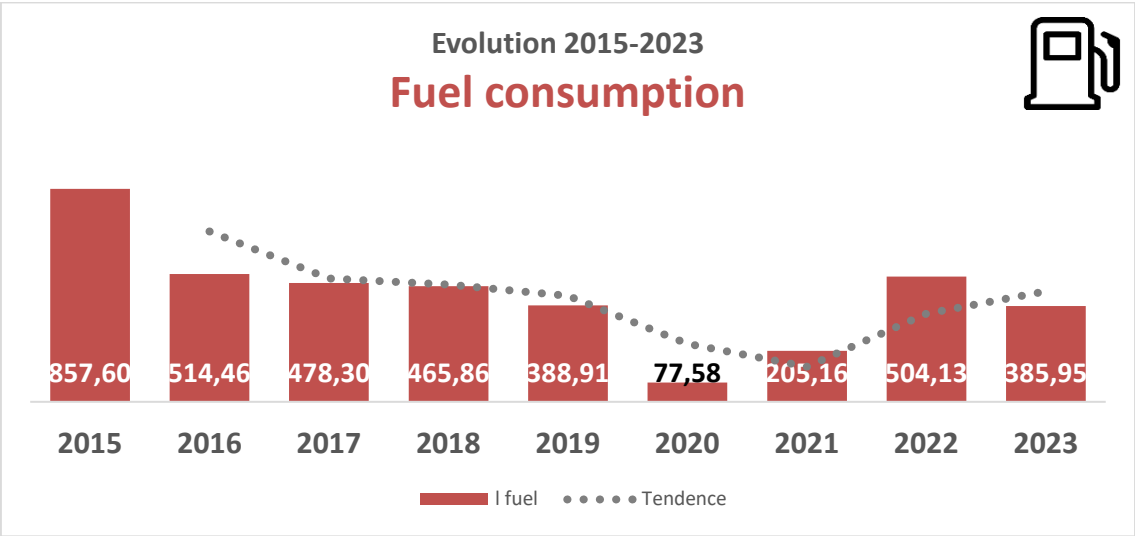


Illustration 7 Evolution of fuel consumption

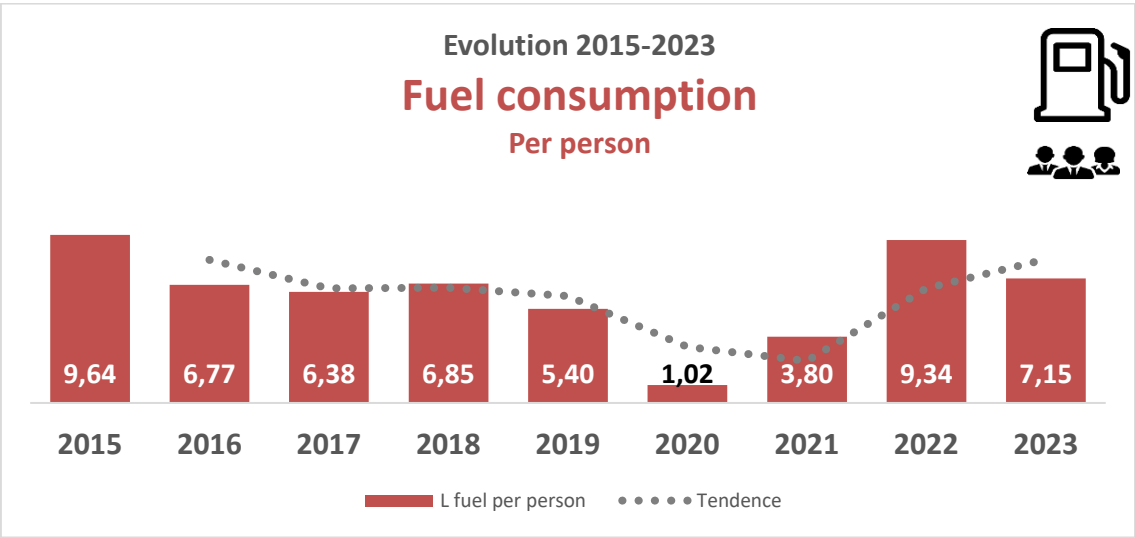


Illustration 8 Evolution of fuel consumption per person

6.1.5. Natural gas consumption

The data are obtained from the invoices of the company providing the service.

There has been a downward trend in recent years due to energy saving measures.

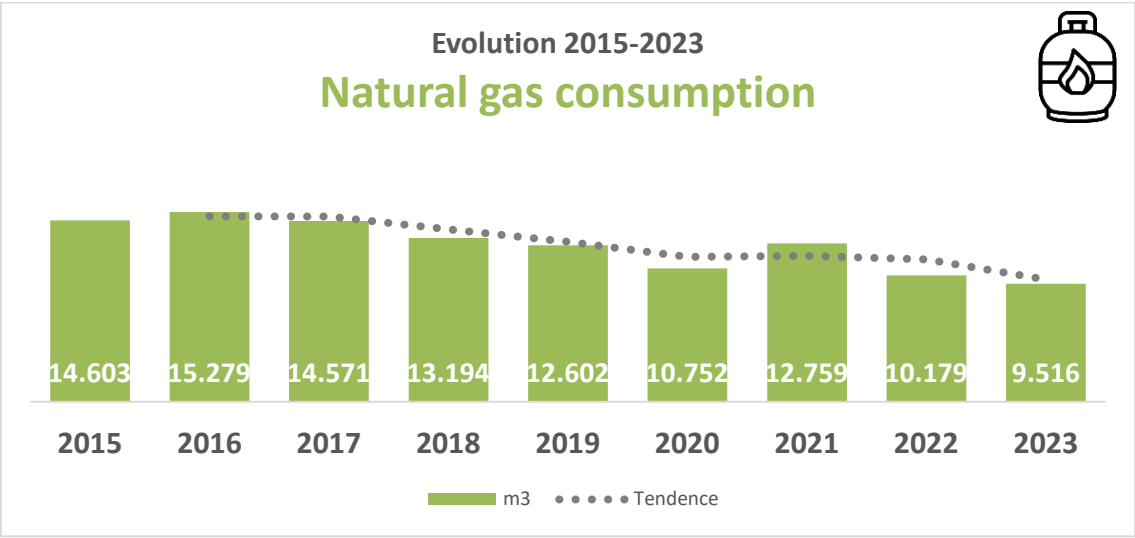


Illustration 9 Evolution of natural gas consumption

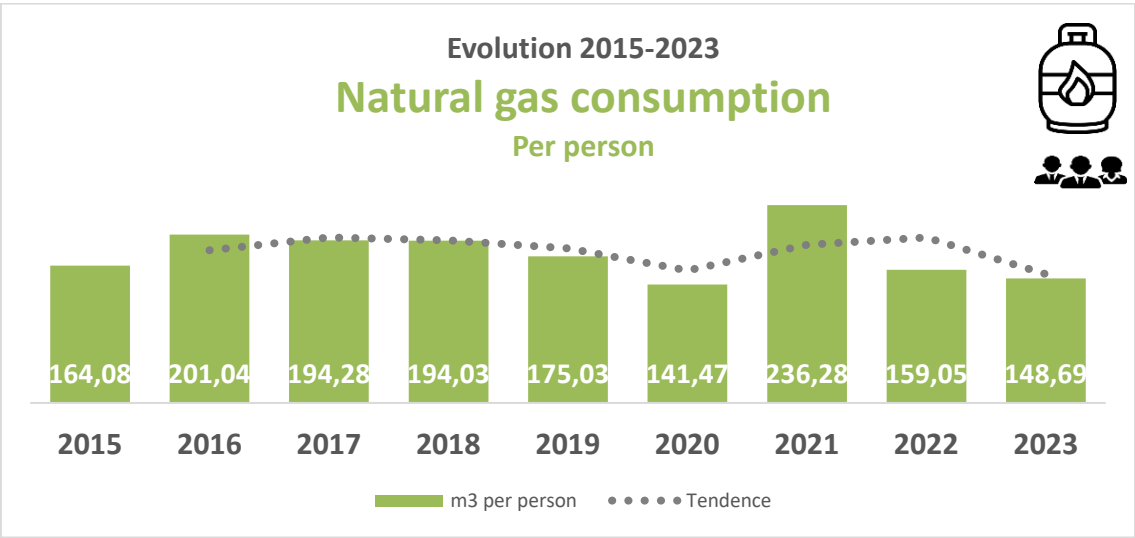


Illustration 10 Evolution of natural gas consumption per person

6.2. Waste generation

The waste generated by BEAZ S.A.U. can be classified as Non-Hazardous Waste (NHW) and Hazardous Waste (HW).

6.2.1. NHW: Paper and packaging carton

The data is obtained from the information sent by the company in charge of its removal and management.

In 2023, there was an increase compared to the previous year, mainly due to incoming parcels, which leads to a rise in the amount of packaging cartons used.

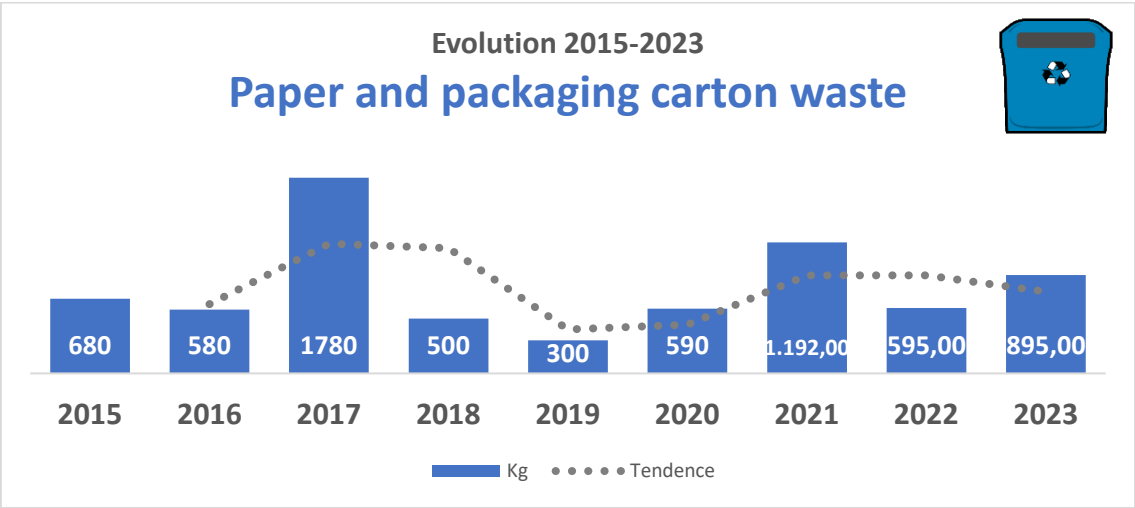


Illustration 11 Evolution of paper and packaging carton waste generated

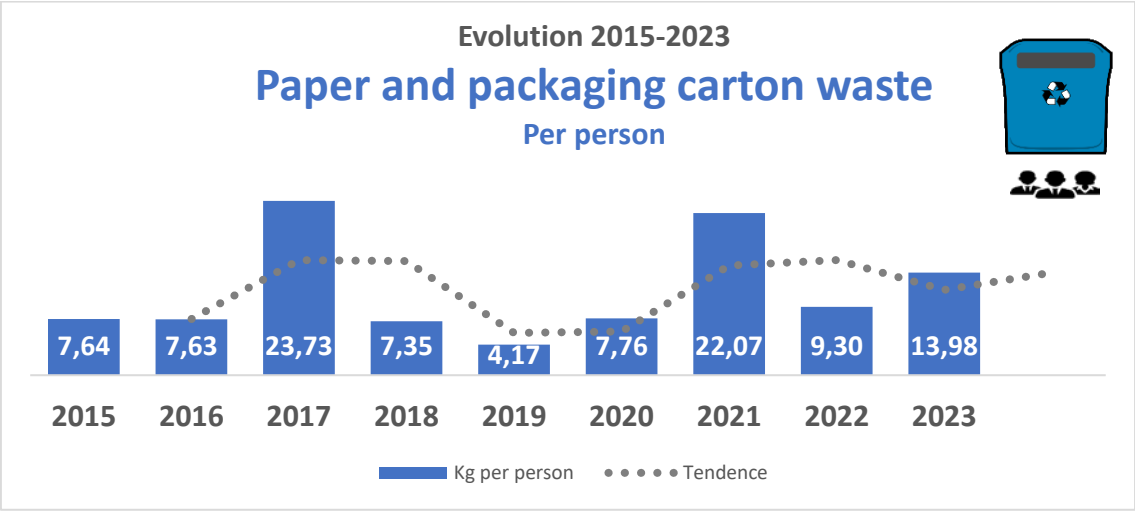


Illustration 12 Evolution of paper and packaging carton waste generated per person

6.2.2. NHW: Printer toner

The data is obtained from the information provided by the authorised waste management company that removes it.

In 2023 no removal of this waste occurred (the removal took place in the first quarter of 2024).



Illustration 13 Evolution of toner waste generated



Illustration 14 Evolution of toner waste generated per person

6.2.3. HW: Batteries

For lead-acid batteries, the data is obtained from the information provided by the company in charge of their removal.

The batteries are changed every three years for equipment with batteries lower than 12V/12Ah and every four years for equipment with batteries higher than 12V/17Ah. At present, BEAZ has five pieces of the first type of equipment and one piece of the second type.

In 2023, management processes were carried out for the cases that cover the batteries, not the batteries themselves.

For batteries, this is waste generated by their use in mice or remote controls. The waste generated is disposed of quarterly at the collection points provided by the Municipal Council for this purpose.

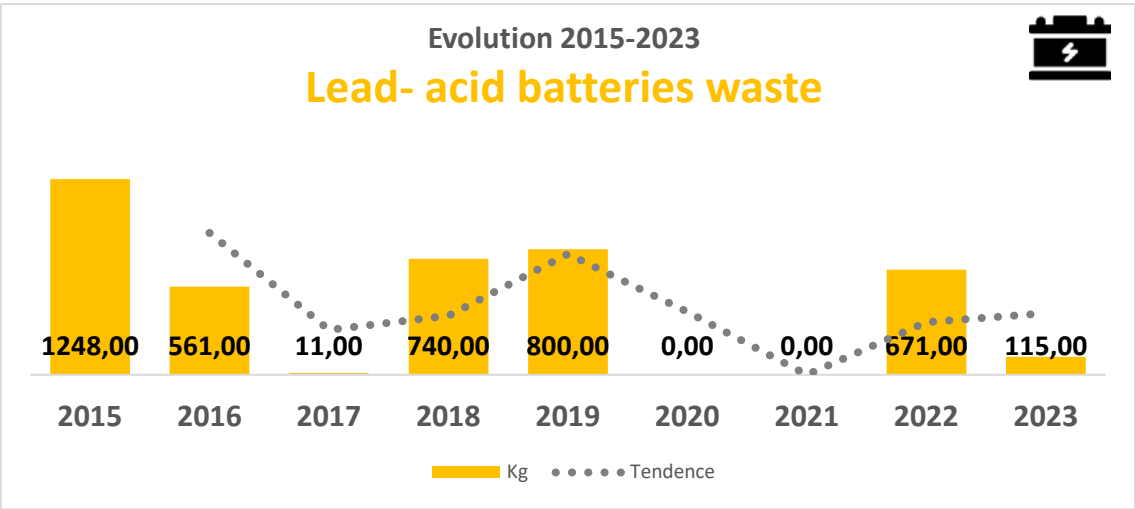


Illustration 15 Evolution of waste by batteries consumed

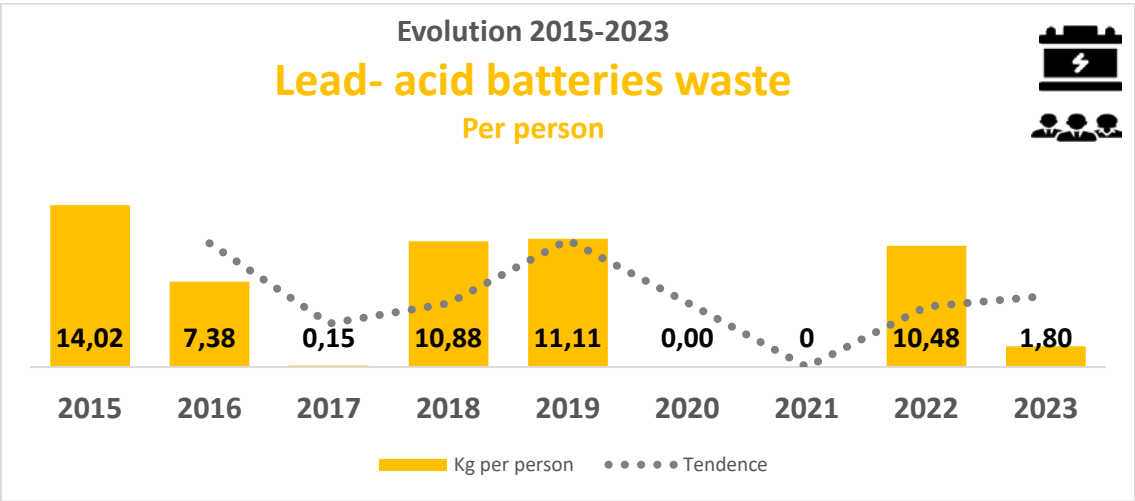


Illustration 17 Evolution of waste by batteries consumed per person

6.2.4. HW: Electric and electronic components

The data is obtained from the information provided by the company in charge of their removal.

During 2023, the downward trend has continued, decreasing considerably with respect to previous years.

During previous years, removals have been occasional, maintaining a downward trend, except in 2019, when a removal took place as a result of freeing up space through the cleaning of old, obsolete or disused equipment stored throughout the building.

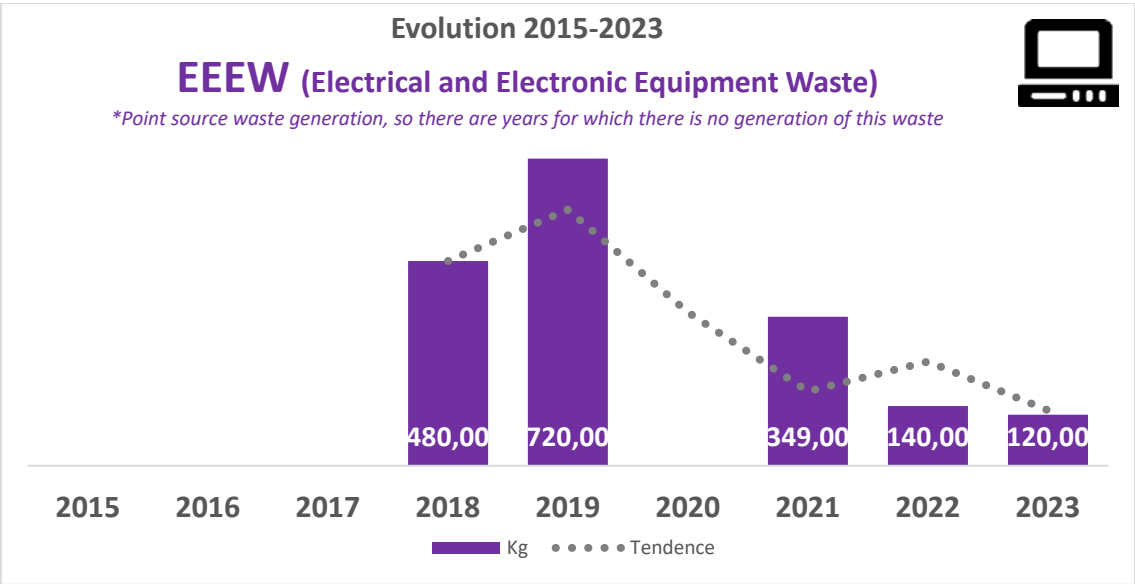


Illustration 18 Evolution of waste by electrical and electronic components

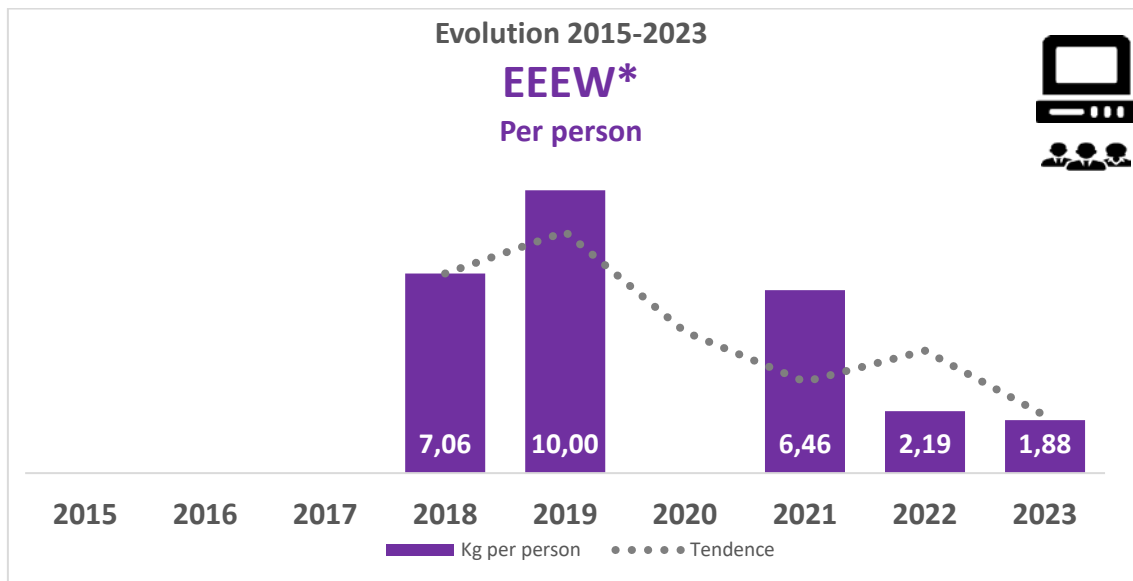


Illustration 19 Evolution of waste by electrical and electronic components per person

6.3. Evolution of total CO2 emissions

The total CO2 emissions according to consumption and waste are shown below.

A slight increase was noted in 2023, mainly because, despite a fall in electricity consumption, the associated conversion factor increased.

YEAR	Electricity OF ¹	Water 1F ²	Diesel fuel ^{2F3}	Petrol fuel ^{3F4}	Natural gas ^{4F5}	Paper and cardboard waste ^{5F6}	TOTAL, kg CO2 emitted by BEAZ
2015	26,997.39	117.70	2,181.73		2949.79	14.50	32,261.11
2016	16,752.15	107.14	1,306.21		3086.39	12.36	21,264.25
2017	32,973.08	89.76	1,205.32		2959.50	37.94	37,265.60
2018	31,554.09	70.00	1,161.39		2679.86	10.66	35,476.00
2019	23,397.00	97.96	1,053.17		2545.58	6.40	27,100.10
2020	22,444.60	168.10	210.09		2150.40	12.58	24,985.77
2021	16,167.00	59.55	551.06		2577.32	25.38	19,380.32
2022	26,538.60	54.59	676.18	506.55	2056.14	12.66	29,844.72
2023	27,528.94	70.80	258.14	624.21	1922.21	19.05	30,423.34

Figure 20 - Table of data to obtain the kg of CO2 emitted

¹ Electricity consumption: (kWh x year) x Emission Factor=kg CO2/kWh Electrical energy consumed

² Water Consumption: (m3 x year) x Emission Factor= kg CO2e/m3 Water consumed

³ Fuel Consumption (l/year): Company veh. x Emission Factor = Kg CO2/l. Diesel consumed

⁴ Fuel Consumption (l/year): Company veh. x Emission Factor = Kg CO2/l. Petrol consumed

⁵ Natural gas consumption (m3/year) x Emission Factor= kg CO2/KWh Natural Gas consumed

⁶ "Paper and Cardboard" waste (kg/year) x Emission Factor= kg CO2e/t paper and cardboard waste generated

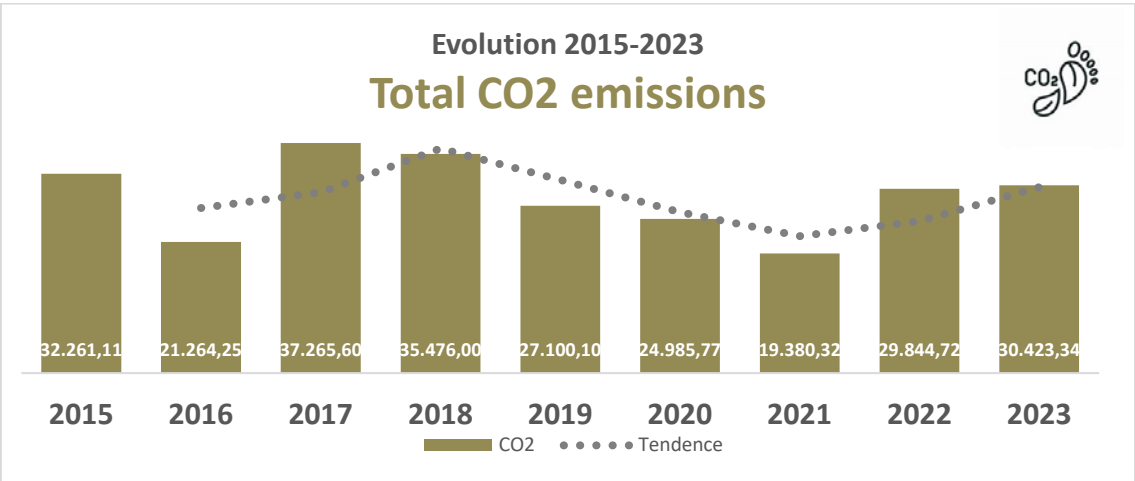


Illustration 21. Evolution of total CO2 emissions

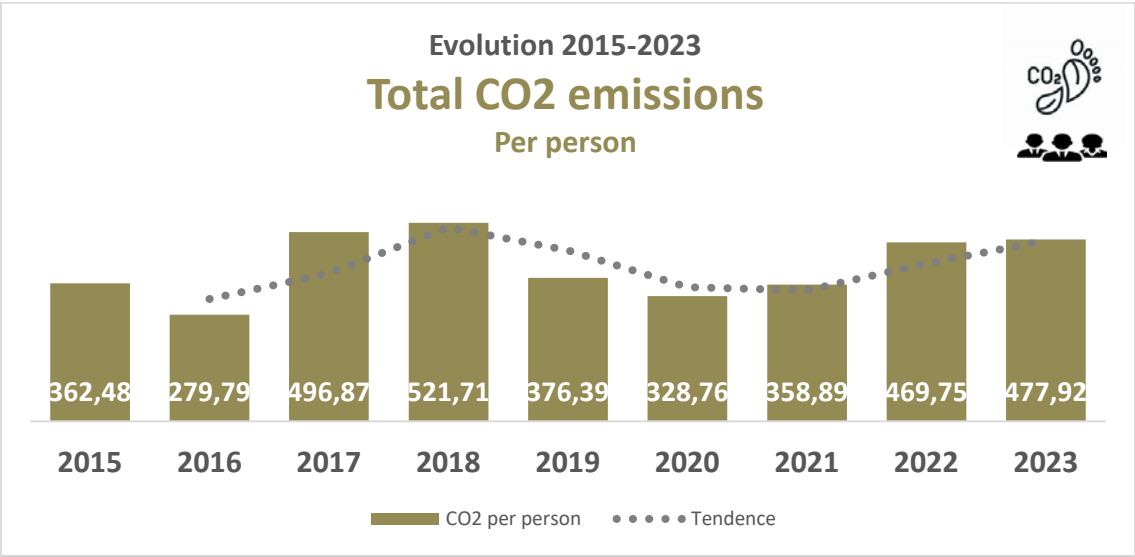


Illustration 22. Evolution of total CO2 emissions kg/worker

7. Potential emergency situations

BEAZ S.A.U. has identified the following potential emergency situations and has established the corresponding response mechanisms:

- **Fire:** whose aspects are the associated waste and the emissions it generates.
- **Flooding:** waste generated by the same as an associated aspect.

In recent years, no emergency has occurred.

8. Complaints and claims

No complaints and claims have been registered during the year.