



ENVIRONMENTAL STATEMENT

2024

(JAN – DEC)

Regulation (EC) No 1221/2009.

Regulation (EU) 2017/1505

Regulation (UE) 2018/2026



EMAS

VERIFIED
ENVIRONMENTAL
MANAGEMENT
ES-CAT-000414

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1. INTRODUCTION

The **Environmental Statement** is made in accordance with **Annex IV of Regulation (EC) No. 1221/2009** of the European Parliament and the Council of the 25th of November 2009, which allows organizations to voluntarily adhere to a **community management and environmental auditing system (EMAS)**.

The Environmental Statement is updated and validated annually by an accredited inspector.

The objective of the Environmental Statement (ES) is the public announcement to interested parties of the continuous improvement of the impact and the environmental behaviour of the organization.

The ES informs the relevant parties (public, local communities, users, etc.) about the activities that the organization considers relevant (selection and evaluation of environmental aspects). All the data is taken from the year **2024** and the evolution from the years 2022 and 2023 has been noted.

The environmental system EMAS implemented in ADASA has other information from other sources apart from the ES, as it is required in the **Regulation (CE) N° 1221/2009**. In 2017 it was adapted to the new considerations of the **New Regulation (UE) 2017/1505** even though many of them had already been adopted with the standard **UNE-EN ISO 14001:2015**.

In 2019, the requirements determined by article 1 of Regulation (EU) 2018/2066, which modifies Annex IV of Regulation (EC) No. 1221/2009, are incorporated. References to Decision (EU) 2019/63 are also incorporated.

ADASA's Management is grateful to all the staff for their collaboration and participation in the achievement of the environmental objectives planned and in the improvement of the Organization's environmental behaviour.



Adasa is a member of the **EMAS Club**, a non-profit organization that safeguards and promotes the interests of the EMAS registered organizations and EMAS's visibility in society.

The creation of the EMAS Club in 2006 was a pioneer initiative in the European Union.

For the Verification process of this Environmental Statement, the steps that Adasa follows are: Internal Audit, External Audit and finally, registration of the Statement in the Department of Territory and Sustainability of the Generalitat de Catalunya.

Our Environmental Declaration is available to any interested party through our website, in the section "Quality, Environment and Prevention"

2. ACTIVITY

Adasa, set up in 1988, is a recognized engineering company that provides technological solutions for the integral management water cycle and the environment.



Adasa supports an integrated, multidisciplinary approach to water resources management and leads its activities to achieve environment protection. Adasa pursues technological excellence to assist public and private organizations in the development of their activities and the improvement of their service efficiency, ensuring resources optimization and reducing operational costs

As experienced services integrators, Adasa covers a wide spectrum of related services, including consultancy, development, maintenance, and operations. Adasa joins water and environment expertise and highly specific technology capabilities to meet the sector's needs. Its portfolio includes water resources management (water quality monitoring and hydrology), smart operations of water utilities and operators, and irrigation and rural water. Adasa also fosters environment monitoring solutions in

meteorology and air quality.

More than 25 years betting on R+D, 12 patents and more than 50 international projects certify Adasa commitment with equipment innovation of water quality monitoring as well as the development of ICT solutions for the water sector



On the road to excellence, ADASA has implemented an integrated management system based on the following standards: ISO 9001:15, ISO 14001:15 and EMAS Regulation.

The reach of the system is as follows:

Activities:

-Design, manufacturing, installation and maintenance of instrumentation and automatic stations to control hydrological and atmospheric quality parameters and hydrological and meteorological variables of water and atmospheric quality parameters and hydric and meteorology variables.

-Consultancy services, development, implantation and maintenance of information systems, telemetry, remote control and automation applicable to water cycle, environment, hydrology, meteorology, mobility and urban services, natural resources management, utilities and information systems.

-Engineering and consultancy services of water cycle, environment, air quality, meteorology, soil pollution and construction of hydraulic infrastructures.

Work center included in EMAS register:

BARCELONA C/ Ignasi Iglesias 217 08820El Prat de Llobregat, Barcelona, España

Day to day, Adasa remains committed to the values of the UN Global Compact, by making a strong effort to create economic, environmental and social value in the short and medium term, and to contribute to the progress of society's welfare.

Adasa is part of the **United Nations Global Compact**, an initiative that marks an ethical commitment by organizations who, as an integral part of their strategies and operations, have agreed to follow ten principles of conduct and action regarding human rights, employment, the environment and the fight against corruption. www.unglobalcompact.org

ADASA (Skion Group since 2020) has a presence in different areas in Spain and abroad. **Headquarters Office** is located in El Prat de Llobregat (**Barcelona**), been the only one included in EMAS registration due to it represents the main environmental impact of Adasa production.



3. POLICY



QUALITY, ENVIRONMENT, HEALTH&SAFETY AND INFORMATION SECURITY POLICY

Adasa is a specialized engineering company delivering technological solutions for water, environment and meteorology. Adasa carries out its activity in a changing and globalized surrounding where the excellence of the production, the service and the management are necessary requirements for the competitiveness, the development, and the progress. Adasa's knowledge and experience assures the development of the solutions that satisfy the needs and expectations of the clients.

The General Management leads the organization on a model of TOTAL QUALITY EXCELLENCE, taking as strategic planning lines: the direction by processes, digitalization, the knowledge management, the teamwork, and the innovative capacity of the organization. Adasa has implemented a certified integrated management system (quality, environment, health & safety and information security) based on UNE EN ISO 9001, UNE EN ISO 14001, EMAS, UNE EN ISO/IEC 27001 and ISO 45001.

Adasa defines its act strategy in the following principles:

- Establish the requirements related to products and services according to international standards and specific requirements, to reach the clients' satisfaction and guarantee the continuous improvement.
- Comply the requirements of the legislation and regulation in effect and, whenever it is considered necessary, determine the own requirements.
- Promote the continuous improvement of the performance and effectiveness of the Integrated Quality, Environment and Health & Safety System, through the definition, measurement and continuous review of quantifiable annual objectives and indicators, based on the impacts of our activities on the system.
- Give a process management approach to the organization, identifying and considering both hazards and risks for the health & safety at work as well as environmental aspects and impacts. Try to eliminate them and minimize those that do not can be avoided, in addition to preventing them for an improvement in occupational health and environmental protection, including the prevention of pollution, the fight against climate change and the promotion of the sustainability of waters, oceans, forests, biodiversity, land use, energy and resource use, air pollution and waste minimization.
- Increase commitment to respect for human rights, the elimination of forced labour, the abolition of child labour, as well as the fight against modern slavery, understood as all serious exploitation in which actions such as human trafficking, slavery, servitude, forced marriages, forced labour, debt bondage, deceptive hiring of labour or services and the worst forms of child labour are carried out, including in this last section, the use of minors as soldiers in armed conflicts.
- Provide safe and healthy working conditions for the prevention of work-related injuries and deterioration of health work related.
- Protect the security of information based on the results of risk assessment and treatment to guarantee the confidentiality, integrity, availability, traceability, and authenticity of the information, as well as the Protection of personal data.
- Ensuring the consultation and participation of our employees or their representatives in the Health & Safety management in the Company.
- Sensitize and train all the team work on the importance of the global and integrated management, in order to guarantee the participation of all in every activity developed by Adasa.
- Promote teamwork and people development, thanks to a continuous training policy, generate a highly professional motivated team fully involved in the company, able to develop all projects and challenges demanded by the market.

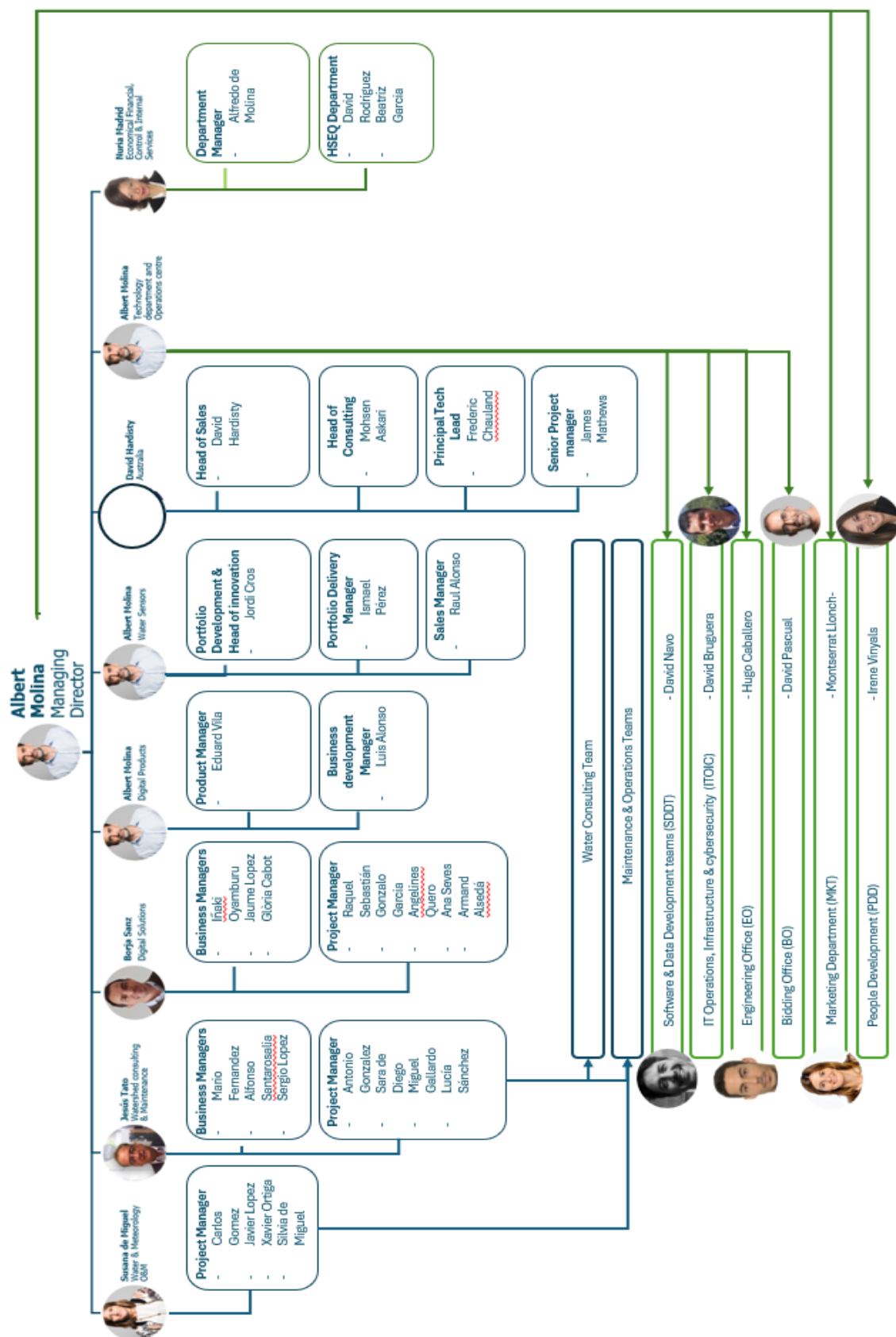


- Promote internal communication and information on initiatives and policies, promoting their understanding, development, and compliance, and transmit to collaborators and interested parties the values linked to corporate responsibility.
- Promote sustainability in all company processes and focus on the goal of zero net CO2 emissions.
- Obtain high levels of prestige and recognition within our sector with the development of our activity of sustainable way, committing ourselves to improving environmental performance, creating economic value, environmental and social, in the short and medium term, and contributing to the progress and well-being of society.
- The General Directorate of ADASA will provide the necessary resources for the effective application of this policy and for its good development, both in implementation activities and in the subsequent maintenance and improvement of its integrated management system.
- This Policy will be examined in system reviews by Management whenever significant changes occur, and at least once a year.
- In addition, it will be approved by the General Manager of ADASA by means of a signature and disseminated to the interested parties.

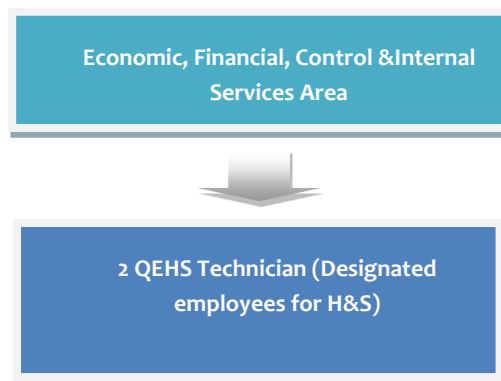
Albert Molina Boschmonar
General Manager ADASA
September 2024

4. MANAGEMENT STRUCTURE

The general organizational structure of the company is defined below, with special attention to the team that carries out the maintenance tasks of the Integrated System of Quality, Environment and Security and Health, and which oversees complying with the requirements of the EMAS Regulation. Updated february 2025.



SHEQ DEPARTMENT



5. ENVIRONMENTAL ASPECTS

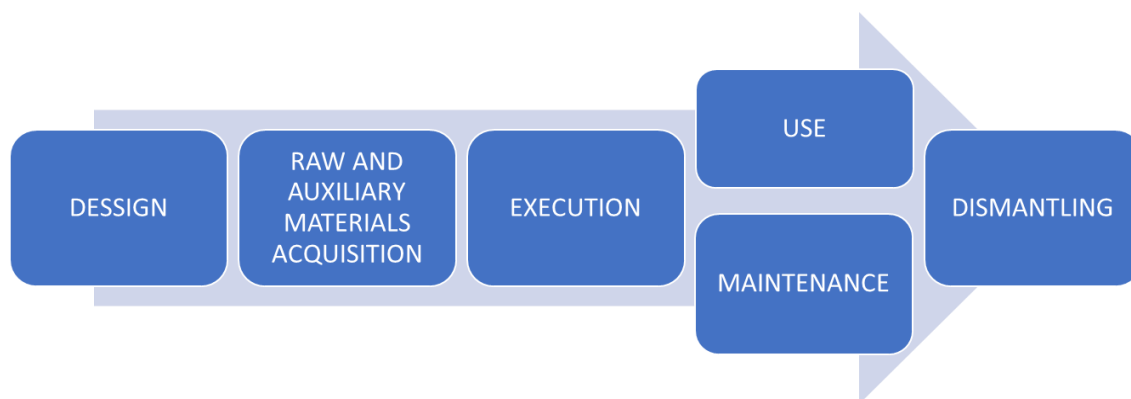
Adasa has a methodology to identify environmental aspects associated with its activity, from a life cycle point of view, in those aspects that it can control or influence. This method also quantifies which of those aspects can have a greater environmental impact and can track the objectives and goals.

With this system there are two main activity lines:

1. PROJECT/SERVICES MANAGEMENT
2. EQUIPMENT PRODUCTION

It also influences in the evaluation if the organization has control over the aspect or only influence (indirect aspect), as well as the probability of occurrence appears at organization's normal activities or only in emergency cases.

From the point of view of the organization, based on its control and / or influence, the two main lines of activity share a similar life cycle, with the following phases:



The environmental aspects related to quantities of elements consumed, generated, stored, discharged or emitted into the environment are quantified, obtained from the most appropriate sources of information for each case: invoices, delivery notes for waste collection, measurements, etc.

According to our internal procedure, the existence of legal requirements applicable to each environmental aspect is identified. When the evaluation is performed, the registered values are compared with those set by current regulations and their compliance is evaluated.

Environmental aspects are identified and evaluated considering normal, abnormal, or emergency operating conditions and whether the company can do direct/indirect control or only has the capacity to influence.

The significance value considers: Magnitude, Probability, Severity and percentage of variation respect to the previous year.

As a result of the exercise of the identification and evaluation of the environmental aspects for 2025 (data 2024), the following is obtained:

ENVIRONMENTAL ASPECTS EVALUATION				
Office –Laboratory RDİ – Workshop (Barcelona Branch)				
ASPECTS	OPERATING CONDITIONS			Direct (D) Indirect (I)
	Normal	Abnormal	Emergency	
WASTE				
Paper and Cardboard	X			D
Batteries	X			D/I
Cell Batteries	X			D
Fluorescent lamps	X			D
Toner	X			D
Plastic waste	X			D
Urban waste	X		X	D
Contaminated Glass containers	X			D
Contaminated Plastic containers	X			D
Contaminated absorbent material	X			D
Chemical reagents Waste	X			D
Total Laboratory Hazardous Waste	X			D
WEEE				
Waste electrical and electronic equipment	X			D
CONSUMPTIONS				
Water	X			D
Electricity	X			D/I
Fuel	X			D/I
Paper	X			D
Toner	X			D
Consumption=waste	X			D
EMISSIONS and SPILLS				
Emissions				
Greenhouse Gases	X		X	D/I
Sewerage	X			D/I
Noise	X			D/I
Emissions				
Vehicles	X			D
Fugitive emissions (air conditioning)			X	D

Table 1. Environmental Aspects Evaluation – Barcelona 2025 (data 2024)

SIGNIFICANT ASPECTS	ACTIVITY	ASSOCIATED IMPACTS	ACTIONS
Battery consumption	All the activities	The use of more waste implies a greater expense in resources both in the production of the material used initially and when it is managed as waste.	There are good practices and proper waste management.
Packaging containing hazardous substances	Laboratory and technical		
WEEE	All the activities		Computer equipment is intended to be used beyond its useful life. Cables are reused as far as possible.
Greenhouse gases	All the activities	The company's activity generates greenhouse pollutants that harm the environment.	The company is starting to record all fields in SCOPE 1, SCOPE 2 and SCOPE 3 of the greenhouse gas emissions calculation. Over the last year, the company has prioritized business trips by train to reduce the carbon footprint of these activities.

Table 2. January 20258 Environmental Aspects Evaluation Results

The significant aspects of each year appear when the ratios of the previous year are exceeded.

The monitoring of the values is reflected in this report.

New employees in Adasa receive documentation (within the "Manual of welcome" Rev 08, 18th January 2022) and training in "Good practices" in the following fields:

- Use of Water.
- Consumption of paper
- Energy consumption
- Waste management
- Noise
- Fuel savings, toner, etc.

6. OBJETIVES AND GOALS 2024

Adasa's environmental objectives for 2024 were established in accordance with the Environmental Policy, the applicable legal requirements, the Environmental Aspects evaluated at the end of 2023 and the results of the Objectives that had been set for 2023.

OBJETIVE 1	GOAL
REDUCE PAPER USE.	Reduce at least 10% of paper use vs previous year
ACTIONS IMPLEMENTED	
Priority has been given to submitting offers digitally. Paper use in 2024: 0,61 kg/employee vs 2,14 kg/employee in 2023. Objective achieved	

OBJETIVE 2	GOAL
REDUCE WATER CONSUMPTION.	Reduce at least 2% of water consumption vs previous year
ACTIONS IMPLEMENTED	
All water leaks in the building have been repaired immediately. The consumption has gone from 5.51 m3/employee in 2023 to 4.49 m3 per employee in 2024. Objective achieved	

OBJETIVE 3	GOAL
Include Scope 3 in calculation of 2023 onwards	Scope 3 to be included in the annual report of CO2e emissions
ACTIONS IMPLEMENTED	
Scope 3 calculated. Objective achieved	

For the year 2025, the following objectives are:

OBJETIVO N°1: Reduction of packaging containing hazardous substances by 5% compared to the previous year.

- ACTION PLAN: Reuse of containers in the laboratory will be prioritized.

OBJETIVO N°2: Reduction in WEEE consumption by 5% compared to the previous year.

- ACTION PLAN: Computer equipment will be used beyond its useful life.

Cables are reused as far as possible.

OBJECTIVE N°3: Re-include SCOPE 3 calculations in 2024 calculations without the help of an external company.

- ACTION PLAN: Meet the implementation deadlines of the new CO2e emissions calculation system.

* After the Review by the Management of the integrated quality, prevention and environment system, more objectives may be added in the event that the SWOT study or other techniques used deem it necessary to increase the number of these.

7. ENVIRONMENTAL BEHAVIOR

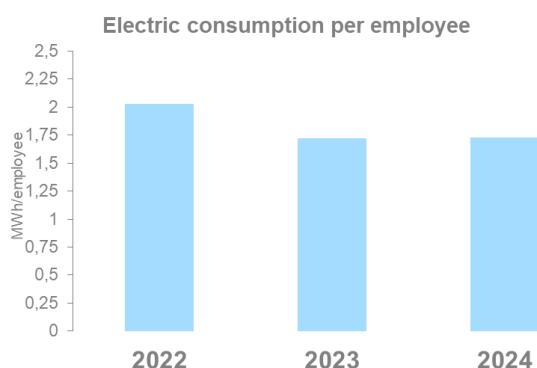
This statement presents the environmental performance of Adasa in its facilities in Prat de Llobregat during 2024 and the comparison with the years 2022 and 2023. The environmental performance results data are analysed. The origin of the data are invoices and delivery notes received.

For the data of employees, it has been taken the closing data for 2024.

Indicate that in specific cases, there are values that cannot be studied separately for the facilities of El Prat, so it has been necessary to use some others that would include more work centres. It will be specified in those cases.

7.1. ELECTRICITY CONSUMPTION

This indicator ($R = A / B$) is achieved by extracting data from the electricity consumption invoices of the Barcelona headquarters and dividing it by the number of employees at the headquarters (B).



Graph 1. Electrical consumption per employee

During 2024, the total consumption of the organization at the BCN headquarters was **134,598 MWh** (A), with a number of employees in Barcelona of 78 people (B). Average consumption per employee ($R = A / B$) is 1,725 MWh. Same figures than previous year.

** The data is obtained from the invoice date. This date does not have to coincide with the consumption date.*

In Barcelona, renewable energy is not directly generated, although since October 2017 the organization changed its electricity supply company and purchases green energy for its consumption in this building. Therefore, these **134,598 MWh correspond to renewable energy**.

Average consumption has remained roughly the same as the previous year.

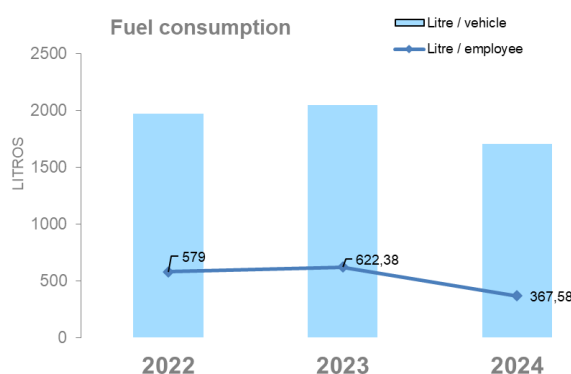
The actions taken in recent years have been:

- Led installation in all the building
- Teleworking 50%
- Reorganization of the desks. All the administration employees are working in the same room
- Installation of timers in the building, etc.

Indicator – Electricity consumption per employee		
2022	2023	2024
A: 145.982 MWh B: 72 employees R: 2,027 MWh/employee	A: 130.777 MWh B: 76 employees R: 1,720 MWh/employee	A: 134.598 MWh B: 78 employees R: 1,725 MWh/employee

Indicator – Electricity consumption per employee

7.2. FUEL CONSUMPTION



The global consumption of fuels (from vehicle movements) during 2024 has been **56.240 l**. Consumption per vehicle registers a value of **1.704,24 l/vehicle** and **367,58 l/employee**.

In the calculations, the total number of vehicles and employees of the company has been taken into account, because it has not been possible to differentiate the exclusive trips in Catalonia.

The indicators are still being relative and giving a real image of these consumptions

Graph 2. Fuel consumption per employee and per vehicle.

The indicators ($R = A / B$ and $R' = A' / B'$) are obtained through the fuel consumption invoices associated with Adasa vehicles (A), the vehicle ratio (B), and the global number of employees (B').

There has been a decrease of 17% in consumption per vehicle and 40,9% per employee compared to 2023.

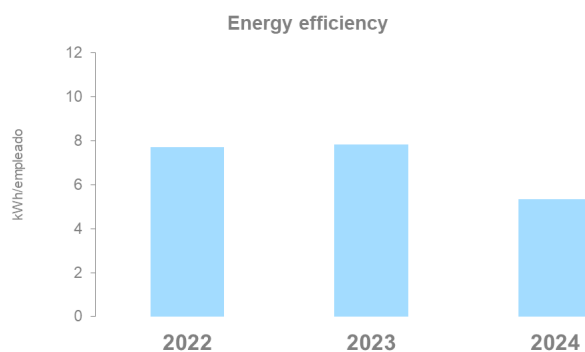
This year, two important projects involving a large number of journeys and vehicles used have been completed.

We continue working with 2 electric/hybrid cars.

Indicator – Fuel consumption per vehicle and per employee

2022	2023	2024
A: 92.660	A: 96.469	A: 56240l
B: 47	B: 47	B: 33
B': 160	B': 155	B': 153
R= 1.971,54 l/vehicle	R= 2.052,54 l/vehicle	R= 1704,24l/vehicle
R'= 579 l/employee	R'= 622 l/employee	R'= 367,58l/employee

7.3. ENERGY EFFICIENCY



Graph -3. Energy consumption per employee.

This indicator is extracted from the indicators already seen in this Statement:

-A1: Electricity Consumption MWh / employee,

-A2: Fuel Consumption MWh / employee.

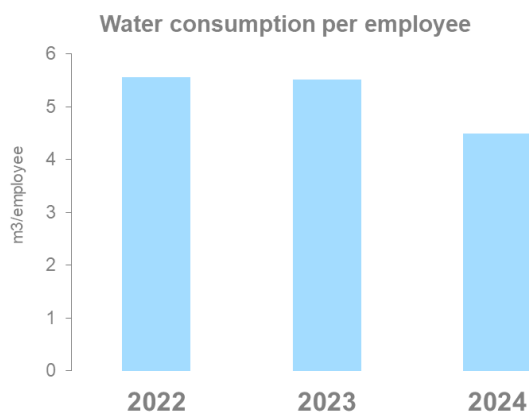
For fuel consumption (diesel in all cases), the conversion factor is "A liter of diesel weighs 0.832 kg", "1kg Diesel = 11.8kWh (Source: IDAE)."

<https://www.eea.europa.eu/publications/emep-eea-guidebook-2019/part-b-sectoral-guidance-chapters/1-energy/1-a-combustion/1-a-3-b-i/view>

There has been a decrease of 31,9% compared to 2023 due to 2 important project finalized in 2024 (Guadiana and Miño)

Indicator - Energy Efficiency		
2022	2023	2024
A1: 2,027 MWh/e	A1: 1,720 MWh/e	A1: 1,725 MWh/e
A2: $579 \times 0,832 \times 0,0118 = 5,69$ MWh/e	A2: $622 \times 0,832 \times 0,0118 = 6,11$ MWh/e	A2: $367,58 \times 0,832 \times 0,0118 = 3,61$ MWh/e
A1+A2: 7,71 MWh/e	A1+A2: 7,83 MWh/e	A1+A2: 5,33 MWh/e

7.4. WATER CONSUMPTION



Graph 4. Water consumption per employee.

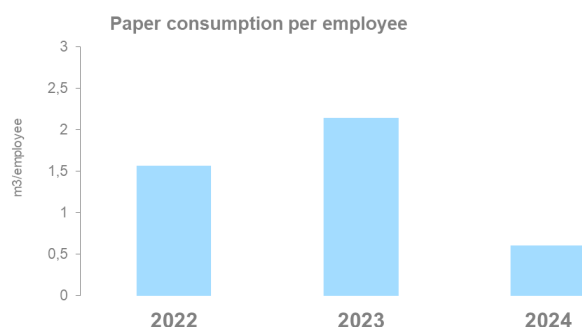
The use of water is common among employees for both personal hygiene and consumption as a beverage. It's also used during facilities cleaning services and Legionella control.

The total consumption for the Barcelona Headquarters (El Prat) during 2024 was **350 m3** and the consumption per employee was **4.49 m3 /employee**. Which represents a decrease compared to 2023 of **16,47%** in this indicator, due to the implementation of preventive measures for saving water consumption, such as immediate repair of water leaks in bathrooms.

The indicator ($R = A / B$) is obtained through the water consumption invoices (A) and the number of employees (B).

Water Consumption		
2022	2023	2024
A: 400 m3 B: 72	A: 419 m3 B: 76	A: 350 m ³ B: 78
R: 5,56 m3/ employee	R: 5,51 m3/ employee	R: 4,49 m ³ / employee

7.5. PAPER CONSUMPTION



Graph 5. Paper consumption per employee

The consumption of paper occurs because of office activity. During 2024, **47,5 kg** of paper have been consumed in Barcelona. The average global consumption per employee is **0,61 Kg / person**, **72%** lower than the previous year, due to the acquisition in December of the papers needed for 2024.

The indicator $[R = \sum (A_i * B_i) / C]$ is extracted by adding the number of paper sheets purchased (A_i), by the relative weight of each one (B_i) extracted from the different invoices, and divided by the number of employees (C)

Paper consumption is related to the needs of ongoing projects and the preparation of offers to clients, which are highly variable in different periods.

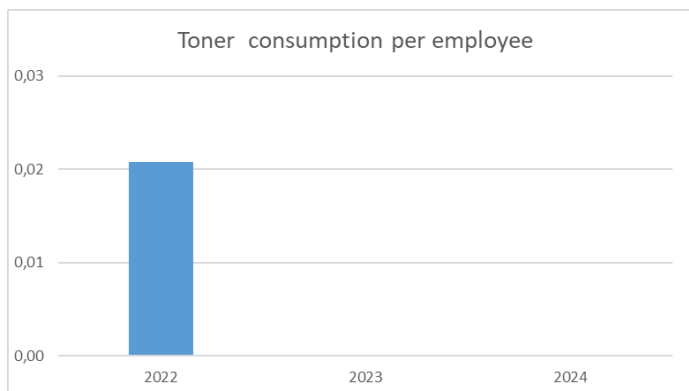
The decrease in the purchase of paper is mainly due to the fact that most offers are now presented in digital format. The presentation of offers in paper format has been significantly reduced.

The paper used in the offices has the eco-label and is 100% recycled. In addition, DIN A3 has the "Der Blaue Engel" label. In 2023 a purchase of non-recycled paper has been made.

Adasa has a Green Purchase Technical Instruction (Rev 01) for the acquisition of office supplies with sustainability criteria

Indicator – Paper consumption per employee		
2022	2023	2024
$\sum A_i * B_i = 112,5 \text{ kg}$	$\sum A_i * B_i = 162,5 \text{ kg}$	$\sum A_i * B_i = 47,5 \text{ kg}$
$C = 72$	$C = 76$	$C = 78$
1,56 kg /employee	2,14 kg /employee	0,61 kg /employee

7.6. TONER CONSUMPTION / WASTE



Graph 6. Toner consumption/waste per employee

For the calculation of the consumption of toners and cartridges it is considered that the consumption is equal to the generated waste.

In 2024 no toner removal has been made.

Since last year, most of the documents needed to apply to official public offers are electronically.

The organization works in awareness campaigns to reduce the number of prints, the use of draft paper for internal document prints and the use of ink-saving fonts (ecofont).

This indicator ($R = A / B$) is obtained by dividing the kg of toner produced as waste (A) by the number of employees (B).

Indicator – Toner consumption per employee		
2022	2023	2024
A= 1,5 kg B= 72	A= 1,5 kg B= 72	A= 0 kg B= 78
R = 0,021 kg/employee	R = 0,021 kg/employee	R = 0 kg/employee

7.7. BIODIVERSITY

As a biodiversity indicator, the surface occupation of the Adasa offices is calculated among the number of employees at the BCN headquarters. The sealed surface is 100% (1195 m²). There is no surface oriented regarding nature and there is no surface outside the center.

Indicator - Biodiversity - Surface occupation		
2022	2023	2024
A = 1195 m ² ; B = 72 employees A/B= 16,59 m²/employee	A = 1195 m ² ; B = 76 employees A/B= 15,72 m²/employee	A = 1195 m ² ; B = 78 employees A/B= 15,32 m²/employee

We have a decrease of 3% in global occupancy per employee compared to 2023, directly related to the increase in number of employees.

7.8. EMISSIONS

7.8.1. NOISE

The source of the noise pollution generated by ADASA is its motor vehicles and some specific work carried out at the workshop located at the Hospitalet (Barcelona) Office. At some sites (when the use of machinery by subcontracted companies is required) some noise pollution peaks may occur. Even so, no corrective action was required to be taken in 2024 relative to the noise levels that were produced directly and indirectly

7.8.2. DUST

ADASA generates dust emissions in projects requiring civil work outsourcing. In order to minimize the environmental impact, it's necessary to carry out the following measures:

- ✓ Irrigate the soil especially during the summer months and sections close to areas with vegetation or inhabited areas.
- ✓ Place a tarp on top of the vehicle that transport dust-generating material.
- ✓ Restrict traffic and limit the speed of machinery and vehicles.
- ✓ Carry out the dustier activities, whenever possible, to the schedules when it affects less people.
- ✓ Cover easily dispersible materials in windy conditions.

7.8.3. FUGITIVE EMISSIONS (AIR CONDITIONING)

During 2024 no action has been required to recharge the cooling circuit of the El Prat facilities.

Through the maintenance records of the installation, we know the recharges volume and therefore the gas emitted into the atmosphere. Finally, the associated impact is calculated (GWP-Global Warming Potential).

Since 2014, fugitive emissions from air conditioning refrigerants have been included in the calculation of CO2 equivalent emissions.

7.8.4. GREENHOUSE GASES

Adasa's activities that directly emit greenhouse gases are Travels by car, train and plane (in mission or in itinere). Indirectly, it also contributes to the emission of CO₂e through the consumption of electricity, etc. Electric power in 3 of our premises is contracted with as a "No emissions energy", included El Prat.

In 2020, due to the Covid-19 pandemic, trips have been restricted to only the "essentials" in shared means of transport (plane and train), increasing the total emission in road trips.

In 2021 we have increased the number of trips, mainly to foreign countries, due to open frontiers policy (Covid 19)

In 2022 it begins to be used, the calculation begins using the Excel file available on the website of the Ministry for the ecological transition and the demographic challenge. Data from all the centres that Adasa has in Spain are included. This report is subsequently used for the voluntary purchase of CO₂ emission rights for the following year. The purchase has begun with the emission rights for the year 2022, estimated at the beginning of the year at 1080 tons. The rights have been purchased from the Rimba Raya project.

The data in the attached table does not include business trips by train (0,93 TnCO₂e) or plane (19,12 TnCO₂e). They also do not include commuting trips (72,25,25 TnCo₂e). The table shows the sum of all of them (A).

**The energy consumption data for the centres in Badajoz, Don Benito, Lugo and Ourense were obtained from the previous year due to delays in the sending of invoices by the electricity companies.*

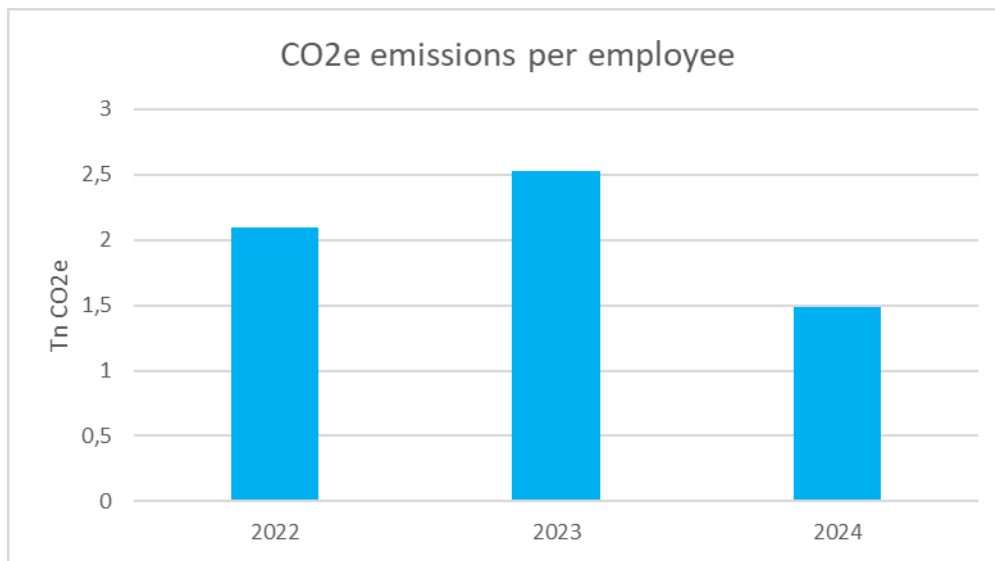
A decrease in the amount of CO₂ equivalent is observed compared to previous years.

		t CO ₂	kg CH ₄	kg N ₂ O	t CO ₂ e
EMISIONES DIRECTAS		128,54	0,47	3,93	129,59
EMISIONES INDIRECTAS POR ENERGÍA COMPRADA		-	-	-	6,17
TOTAL		128,54	0,47	3,93	135,76

		kg CO ₂	g CH ₄	g N ₂ O	kg CO ₂ e
EMISIONES DIRECTAS (ALCANCE 1)	Instalaciones fijas	0,00	0,00	0,00	0,00
	Transporte por carretera ⁽¹⁾	128.538,53	465,34	3.929,58	129.592,90
	Transporte ferroviario, marítimo y aéreo	0,00	0,00	0,00	0,00
	Funcionamiento de maquinaria	0,00	0,00	0,00	0,00
	Fugitivas - climatización y refrigeración	-	-	-	0,00
	Proceso	0,00	0,00	0,00	0,00
	SUBTOTAL	128.538,53	465,34	3.929,58	129.592,90
EMISIONES INDIRECTAS ELECTRICIDAD Y OTRAS ENERGÍAS (ALCANCE 2)	Electricidad edificios ⁽²⁾	-	-	-	6.165,48
	Electricidad vehículos ⁽²⁾	-	-	-	0,00
	Calor, vapor, frío, aire comprimido	-	-	-	0,00
	SUBTOTAL	0,00	0,00	0,00	6.165,48
TOTAL		128.538,53	465,34	3.929,58	135.758,38

Graph 7. Emissions CO₂e 2024

Indicator – CO ₂ emissions		
2022	2023	2024
A=, 335,80 Tn CO ₂ e B= 160 employees Spain R(A/B) = 2,09 Tn CO₂e/employee	A=, 391,82 Tn CO ₂ e B= 155 employees Spain R(A/B) = 2,53 Tn CO₂e/employee	A=, 228,06 Tn CO ₂ e B= 153 employees Spain R(A/B) = 1,49 Tn CO₂e/employee



Graph 8. Emissions CO2e per employee

7.8.5. SO₂, NO_x AND PM EMISSIONS.

For the calculation of SO₂, NO_x and PM emissions, the data on fuel consumption in Adasa cars will be used. All these cars use "diesel" as fuel.

The conversion factors of "EMEP / EEA air pollutant emission inventory guidebook 2022" in its annex 1.A.3.b-iv Road transport and table 3-6 and 3-14, will be used to transform fuel consumption in grams of SO₂, NO_x and PM emission. <https://www.eea.europa.eu/publications/emep-eea-guidebook-2019/part-b-sectoral-guidance-chapters/1-energy/1-a-combustion/1-a-3-b-i/view>

Vehicle type	Fuel	SO ₂	NO _x	PM
Small car	Diesel	A: 0.003 g/kg diesel	A': 12.96 g/kg diesel	A'': 1.10 g/kg diesel

We consider that a liter of diesel weighs 0.832 kg, being:

B: liters of diesel per employee.

R: g SO₂ per employee, where $R = A * B * 0.832$

R': g of NO_x per employee, where $R' = A' * B * 0.832$

R'': g of PM per employee, where $R'' = A'' * B * 0.832$

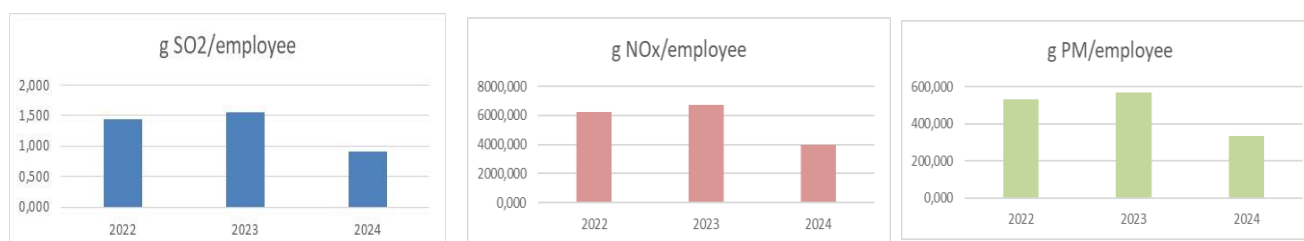
B: l/employee in 2022 and 2023 has been modified:

- 2022 579 vs 565,19
- 2023 622,38 vs 623,14

Using the values obtained in point 7.2, we obtain as a result, an increase of 40,9% of these values compared to 2023:

Indicator - SO ₂ , NO _x and PM emission per employee		
2022	2023	2024
B: 579 l/employee R: 1,446 R': 6244,568 R'': 530,017	B: 622,38 l/employee R: 1,553 R': 6710,977 R'': 569,605	B: 367,58 l/employee R: 0,917 R': 3963,521 R'': 336,410

Graph 9. Emission SO₂, NO_x y PM per employee



7.9. WASTES

In order to properly separate the waste, specific containers are available at the different office sites and waste areas are designated for storing each type of waste so that it can be subsequently collected by the authorized waste manager, which guarantees the assessment and specific treatment.

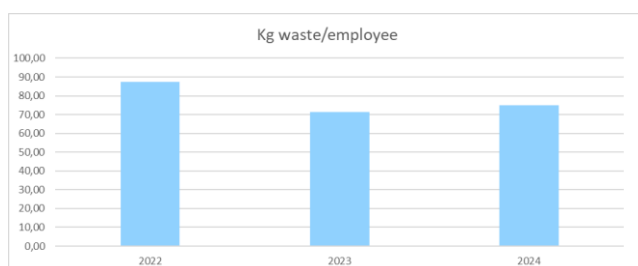
The quantity data used in these sections has been taken from the official documentation generated during the movement and management of waste by authorized managers.

Office-Workshop-Laboratory Barcelona		Maintenance	
Toner	NH	Cables	NH
Paper and cardboard		Packaging (Plastic and cardboard)	
Plastic (NHW)		Scrap metal	
Non-segregated waste collection		Wood	
Non-Hazardous Electrical and Electronic Equipment (WEEE)			
Batteries and Cell-batteries			
Fluorescent lamps			H
Contaminated containers			
Contaminated absorbent paper			
Non-Hazardous Electrical and Electronic Equipment (WEEE)			
Chemical reagents	H	Maintenance solutions	

Table 3. Waste Identification.

7.9.1. TOTAL WASTE

Indicator – Total Waste (except Projects: WEEE, Batteries)		
2022	2023	2024
A = 6283,5 kg; B = 72 employees A/B = 87,27 kg/employee	A = 5426,5 kg; B = 76 employees A/B = 71,40 kg/employee	A = 5833,09 kg; B = 78 employees A/B = 74,78 kg/employee

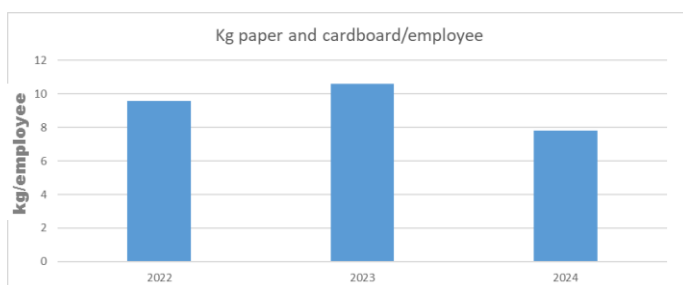


Graph 10. Kg waste per employee

The waste is managed through a waste authorized manager.

The result shows a relative increase of 4,7% Kg/employee compared to 2023, due to a one-off removal of obsolete computer equipment in February weighing 864 kg.

7.9.2. PAPER AND CARDBOARD WASTE



Graph 11. Paper and cardboard waste per employee.

The cardboard from packaging is reused for the internal shipment. This significantly reduces the requirement for cardboard boxes for the preparation of new shipments of material between delegations.

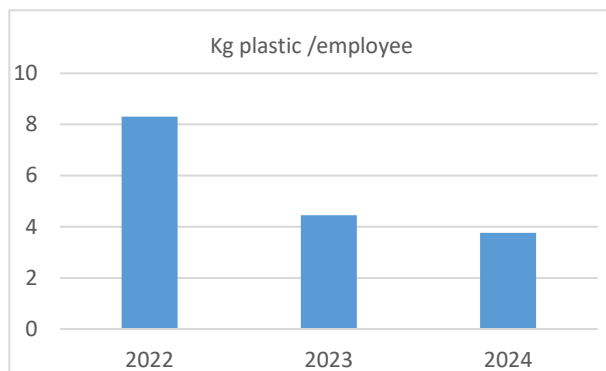
Specific containers are distributed in the offices, which are periodically managed by the authorized Waste Manager for subsequent recovery

In 2024 there has been a **26,26%** decrease in waste of paper and cardboard compared to 2023 from **10,58 to 7.8 kg per employee**.

Actions on the use of digital formats and printing in saving format for documents for internal use have been maintained.

Indicator – Paper and Cardboard waste per employee		
2022	2023	2024
A= 688,5 kg; B= 72 employees R= A/B = 9,56 kg/employee	A= 804 kg; B= 76 employees R= A/B = 10,58 kg/employee	A= 608,5 kg; B= 78 employees R= A/B = 7,80 kg/employee

7.9.3. PLASTIC WASTE



Graph 12. Plastic waste per employee.

In 2024, a residual plastic (not recovery) value of **3,76 kg per employee** was registered, with a decrease of **15,39%** compared to the previous period.

The residual plastic comes mainly from packaging and unused containers. Packaging materials in good condition, as with cardboard, are reused internally.

The significant increase in residual plastic 2022 is due to a deep cleaning of the warehouse. In 2023 and 2024 the figures show the normal average of this kind of waste even when the production has increased.

Indicator – Plastic waste per employee		
2022	2023	2024
A= 598,5 kg; B= 72 employees R= A/B = 8,31 kg/employee	A= 338 kg; B= 76 employees R= A/B = 4,45 kg/employee	A= 293,5 kg; B= 78 employees R= A/B = 3,76 kg/employee

7.9.4. HAZARDOUS WASTE (LABORATORY - WORKSHOP)

The origin of the laboratory residues are the activities of preparation and replacement of reagents of the analytical equipment for water quality parameters, and of the residual reagents of the laboratory tests associated with R+D+i projects in the laboratory of El Prat (Barcelona).

The separation of toxic and dangerous waste, its storage and its final conditioning are regulated by legislation and by the procedures and instructions of the Adasa Management System.

Waste (kg)	2022	2023	2024
Contaminated absorbent paper	0	0	0
Waste Products / Chemical Preparations	2076	1721	1342
Waste Containers Contain Hazardous Substances (plastic)	50	22	47
Contaminated Glass Waste	38	37	31
Hazardous Waste Indicator (kg)	2313	1929	1787,48
Nº Employees	72	76	78
Hazardous Waste Indicator (kg / employee)	32,12	25,38	22,91
No. Hours worked Laboratory / Maintenance	7336,6	8325,45	8252,4
Hazardous Waste Indicator (kg / Hours)	0,315	0,231	0,216

Table 4. Laboratory and workshop hazardous waste.



Graph 13. Total Hazardous waste/working hours.

The generation of the waste (A) is not proportional to the number of employees, but is linked to the needs of the R+D+i projects, in the way that the indicator is calculated with respect to the hours of production (B). Indicator R = A / B.

There is a 6,52% decrease in relative Hazardous Waste (kg/h), due to the fact that in 2024 less hazardous waste has been generated.

7.9.5. PROJECT WASTE MATERIALS

A Quality, Environmental and Health & Safety Action Plan is drafted for each project to identify and assess the specific environmental hazards and all the procedures and elements that must be taken into account to ensure correct environmental management; waste management preventive and corrective actions, good environmental practice data sheets, etc.

The Action Plan is communicated to ADASA stakeholders involved on the project in order to guarantee its accomplishment.



Due to ADASA's activity, the generation of waste is variable and depends on each project's needs

This year, stocks in the warehouse have been cleaned, included residual wood.

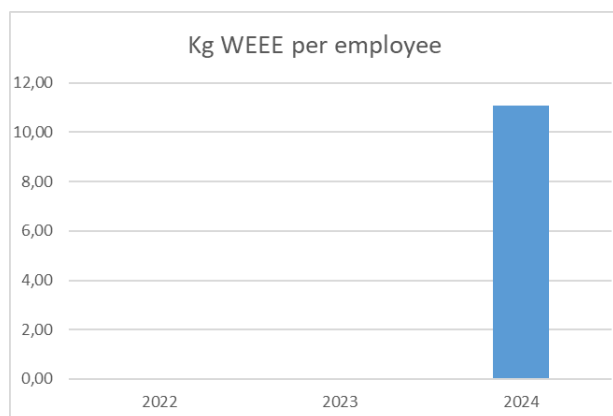
¹Waste Project site materials (batteries, cables,...) are not represented as a ratio of total value per employee (A/B) because this indicator has variable generation and low representativeness and is not significant according to the environmental analysis – Chapter 2.3.2.2 Commission Decision of 4 March (2013/131/UE).

Waste ¹ (kg)	2022	2023	2024
Batteries	4000	1380	1500
Wood	108	0	42
WEEE NH (Waste Electrical and Electronic Equipment - Non-Hazardous)	0	0	601,11

Table 5. Main worksite project waste materials.

7.9.6. WEEE

In 2022 this indicator was incorporated since it was considered a significant aspect in the evaluation of environmental aspects for 2022 (generated in 2021).



Graph 14. WEEE waste per employee.

In 2021, the company's computer systems that were obsolete were cleaned. An attempt has been made to donate some equipment, but it has been seen that they were practically in disuse, so this option has been ruled out.

In 2024 a new cleaning of WEEE waste have been done.

In 2022 and 2023 no WEEE have been removed.

Indicator – WEEE per employee		
2022	2023	2024
A= 0 kg; B= 72 employees R= A/B = 0 kg/employee	A= 0 kg; B= 76 employees R= A/B = 0 kg/employee	A= 0 kg; B= 864,59 employees R= A/B = 11,08 kg/employee

7.10. COMPLIANCE WITH EU DECISION 2019/63

At the beginning of 2019 the “COMMISSION DECISION (EU) 2019/63” enters into force.

It consists of a sectoral reference document on best environmental management practices, sectoral indicators of environmental performance and comparative parameters of excellence for the electrical and electronic equipment manufacturing sector.

In accordance with Annex IV, Section B, letter e) of the EMAS Regulation, the environmental declaration must contain “a summary of the information available on the behavior of the organization regarding its environmental objectives and targets in relation to its significant environmental impacts; Core indicators and other relevant existing environmental performance indicators should be reported as set out in section C. ' In Annex IV, section C, the following is stated: “Each organization must also report annually on its behavior in relation to the more specific environmental aspects indicated in its environmental statement and, if available, must take into account the reference documents sectors referred to in article 46 ».

The Best Environmental Management Practices (BEMPs) applicable to Adasa are detailed according to its activities and facilities, and the monitoring indicator used.

BEMP	INDICATOR DESCRIPTION	BASIC INDICATOR	COMPLIES	DESCRIPTION OF COMPLIANCE
3.1.2	Coefficient of System Performance (COSP)	Energy efficiency	YES	Installation implemented in compliance with energy efficiency guidelines. Follow-up: See point 7.1 of this ES We can't verify exclusively the refrigeration electricity consumption so we are using total electricity as indicator At the end of 2022, meters for the air conditioning systems have been installed. From this moment we can track the associated consumption.
3.1.9	Share of electricity from renewable sources (self-generated or purchased with verified additionality) out of the total electricity use (%)	Energy efficiency	YES	100% Energy consumption is renewable
3.1.10	Waste disposal diversion rate of the waste generated at manufacturing plants	Wastes	NO	Annual indicators of waste generation. See points 7.9 of this ES 4.063,09 kg waste (valorization) and 1.770 kg waste (no valorization). Aprox. 69,65% valorization vs 93% required.

3.2.2	Periodical (e.g. annual) publication of GHG emissions calculated with a recognised standard method (Y/N)	Emissions	YES	Annual indicators of equivalent CO2 emissions. See points 7.8.4 of this ES and Global Compact report.
3.2.2	Periodical (e.g. annual) publication of GHG emissions calculated with a recognised standard method	Emissions	YES	Annual indicators of equivalent CO2 emissions. See points 7.8.4 of this ES and Global compact report.

BEMP	INDICATOR DESCRIPTION	BASIC INDICATOR	COMPLIES	DESCRIPTION OF COMPLIANCE
3.2.3	Inclusion of LCA according to the ISO standards 14040 and 14044 in the environmental strategy of the company and use of LCA when taking major decisions for developing new and redesigned products	Energy efficiency Material efficiency Water Waste Biodiversity Emissions	NO	LCA: life cycle, R&O, integrated aspects included in ISO 14001 but we are not using ISO 14040. Life cycle assesment. Started in Aquabio (measuring device). Project Ibathwater Implemented ETV (European Technology Verification) of Aquabio (measuring device)
3.2.4	Formulation of procurement guidelines and requirements for the most relevant products and materials identified in the biodiversity assessment	Material efficiency	YES	14001 / EMAS requestion to suppliers
3.3.1	Setting of circular economy objectives for new products	Material efficiency	NO	The manufactured equipment is completely removable, repairable by parts and separable by components for recycling
3.3.1	Share of products or components (by number or revenue) for which design cycles or redesign cycles have been embarked upon that explicitly address the different approaches of circular economy	Material efficiency	NO	100% of the manufactured equipment is designed to be completely removable, repairable by parts and separable by components for recycling Data required not available
3.3.2	Implementation of the IPSO model ensuring that it delivers environmental benefits	Material efficiency	YES	The installation and maintenance service recovers the waste generated and is in charge of environmentally sound management. There is an agreement with ECOTIC for the correct management of the same volume of WEEs with respect to EEEs that Adasa puts on the market

8. LEGAL COMPLIANCE

Adasa identifies records and reviews the applicable legal environmental requirements and the requirements of voluntary commitments it has acquired.

Adasa currently has no open disciplinary proceedings or proceedings in environmental matters and compliance with all legal requirements applicable.

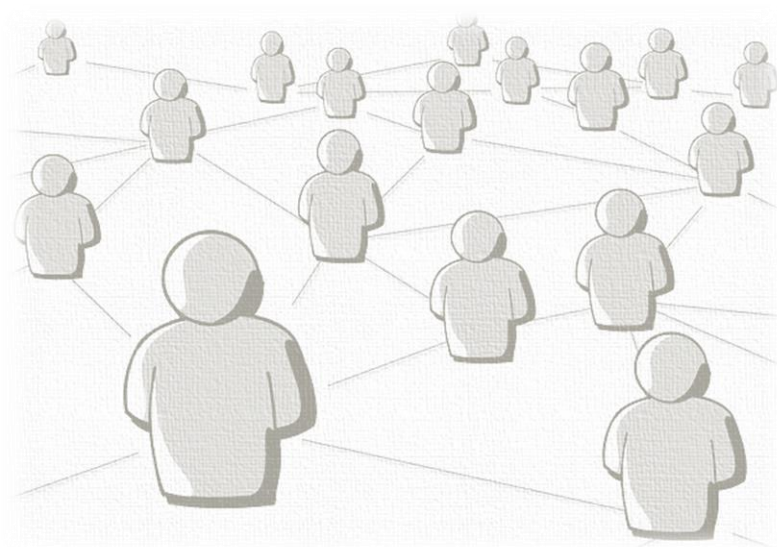
Areas	Associated Regulations	Compliance assessment
Activities License	-L20/2009, of 04-12-2009, on prevention and environmental control of activities. -Ordinance of municipal environmental, security and public health intervention in El Prat de Llobregat. - Ordinance type of municipal environmental, security and public health intervention of the Diputació de Barcelona.	The headquarters has an Activities License. In 2020 the favorable resolution of the non-substantial modification of your License is obtained.
Low voltage	-RD 842/2002, of 02-08-2002, approving the Low Voltage Electrotechnical Regulation. -RD 314/2006, dated 03-17-2006, which approves the Technical Building Code.	The electrical installation has passed the inspections both internal (maintenance company) and external by external maintenance Company. Last inspection by official inspection organism 04/10/2023. Favorable resolution 19/07/2024.
Lifting devices.	-RD 88/2013, of 08-02-2013, which approves the Complementary Technical Instruction AEM 1 "Lifts" of the Regulation of lifting and handling equipment, approved by Royal Decree 2291/1985	Periodic inspections of lifting devices are being carried out. Legal review carried out by OCA on 10/29/2024, with a period of 6 months to resolve the deviations found.
Energy efficiency.	-RD 56/2016, of 03-12-2016. -RD 314/2006, of 03-17-2006, which approves the Technical Building Code.	The Energy Audit has been carried out with the former Company COMSA. The building has an energy rating.
Air conditioning	-RD 314/2006, of 03-17-2006, which approves the Technical Building Code. -RD 1027/2007 of 07-20-2007, approving the Regulation of Thermal Installations in Buildings.	The facilities at the headquarters have been legalized. Maintenance reviews done. Legal inspections done.

Areas	Associated Regulations	Compliance assessment
Fire extinguishing systems	-Order 07-27-1999 determining the conditions to be met by fire extinguishers installed in vehicles for transporting people or goods. -RD 2060/2008, of 12-12-2008, which approves the Regulation of pressure equipment and its complementary technical instructions. -RD 2267/2004, of 03-12-2004, which approves the Regulation of fire safety in industrial establishments. -RD 314/2006, of 03-17-2006, which approves the Code -RD 513/2017, of 05-22-2017, which approves the Regulation of fire protection installations.	All periodic inspections and maintenance of fire protection installations are carried out. Fire protection report completed. During the month of March, the necessary installations will begin, according to the report.
Legionellosis	-RD 865/2003 of 04-07-2003 establishing the hygienic-sanitary criteria for the prevention and control of legionellosis.	All periodic inspections and maintenance of sanitary water facilities are carried out.
Annual Declaration of Waste	-D 93/1999 of 06-04-1999 on waste management procedures.	It's carried out annually
Annual Packaging Declaration	-RD 782/1998, of April 30, which approves the Regulation for the development and execution of Law 11/1997, of April 24, on packaging and packaging waste	It's carried out annually
Waste management	-D 93/1999, of April 6, on waste management procedures. - RD 553/20 waste movement.	All waste is managed through Authorized Managers and carriers. -The legal procedures defined in the different applicable regulations are complied with.
Statement of EEEs placed on the market	RD 110/2015, of 02-20-2015, on waste from electrical and electronic equipment. (WEEE)	Quarterly statements are made.
ITV	RD 920/2017, of October 23, which regulates the vehicles technical inspection.	The ITVs of the vehicles are passed at the marked frequency.

9. STAKEHOLDERS

Adasa ratified its commitment to social and economic and especially environmental sustainability, which is in fact the core business of the Company.

The drafting of a Dialogue Map for stakeholders has enabled the most suitable action to be applied with collaborators, clients, suppliers, employees and other companies which are working in the same sector.



10. TRAINING AND COMMUNICATION

ADASA keeps employees involved in activities or practical training in order to reach the set goals and objectives.

In the Employee Portal the staff can contribute and exchange information with other employees. This information is analysed by the *Environmental, Quality and Health&Safety Committee*.
https://portal.adasasistemas.com/en/group/adasa/foros/-/message_boards?_19_mbCategoryId=33065 (Ex. Saving energy, Buying green, EMAS)

In 2023, the email box eco@adasasistemas.com and the **ADASA ECO** Teams Group have been created to be able to exchange any type of information, doubts and proposals related to Sustainability.

A trip counter will be installed in the elevator in 2024.

Sustainability TIPS have also begun to be sent periodically.



11. VALIDATION

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Environmental Statement Contact Person

Nuria Madrid – Economic, Financial and Services Director Area

nmadrid@adasasistemas.com

This Environmental Declaration has been validated by *SGS Internacional Certification Services Ibérica, S.A.U.* Date.....

“SGS INTERNATIONAL CERTIFICATION SERVICES IBERICA, S.A.U. accredited by ENAC number ES-V-0009 and authorised by Direcció General de Qualitat Ambiental de la Generalitat de Catalunya number 034-V-EMAS-R

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