



ENVIRONMENTAL DECLARATION

2024

VAL D'IZÉ SITE
(Ille et Vilaine, France)

Kwizda

Agro

2024 DECLARATION

According to REGULATION (EC) No 1221/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 25 November 2009 on the voluntary participation by organizations in an EU Eco-Management and Audit Scheme (EMAS), repealing Regulation (EC) No 761/2001 and Commission Decisions 2001/681/EC and 2006/193/EC, amended by REGULATION (EU) 2017/1505 OF THE COMMISSION of 28 August 2017 amending Annexes I, II, and III to Regulation (EC) No 1221/2009 of the European Parliament and of the Council on the voluntary participation by organizations in an EU Eco-Management and Audit Scheme (EMAS), REGULATION (EU) 2018/2026 OF THE COMMISSION of 19 December 2018 amending Annex IV to Regulation (EC) No 1221/2009 of the European Parliament and of the Council on the voluntary participation by organizations in an EU Eco-Management and Audit Scheme (EMAS).

Kwizda France
Val d'Izé Site
ZA du Bourgneuf
Route de Dourdain
35450 Val d'Izé, France

N.A.F. code: 4675Z
Declaration period: 2023

INTRODUCTION

This environmental declaration is published as part of the EMAS registration for the Biocides branch of Kwizda. In line with the Group's sustainable development policy, we undertake to protect the environment and continuously improve environmental performances for our activities.

This declaration covers the information on the factory performance and the most significant impacts for 2023.

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THE COMPANY

WE MEET THE REQUIREMENTS OF OUR CLIENTS
BY PRODUCING HIGH QUALITY, SAFE, AND
ENVIRONMENTALLY FRIENDLY PRODUCTS



Kwizda
Espino

KWIZDA GROUP

The Kwizda Group is an Austrian family-owned business that was founded in 1853. It boasts a turnover of 1.44 billion euros and has more than 1,500 employees.

Since the 1990s, the Group has focused on increasing its European presence outside Austria, thereby covering the European market (France, Italy, Germany, Spain) and extending both its site operations and its distribution channels in Hungary, Italy, and Romania.

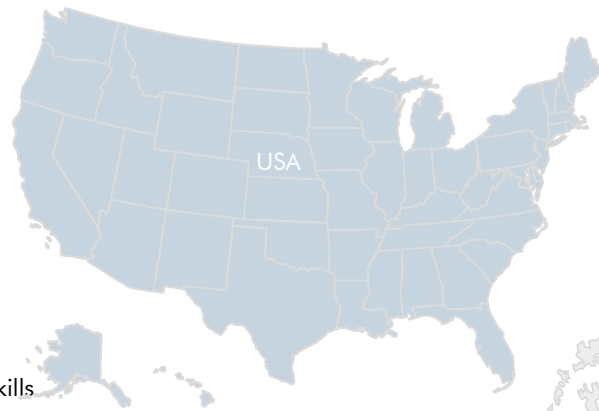
The Kwizda Group is one of the leading Austrian distributors of pharmaceutical and phytosanitary products.

To complete its activities, the Group decided to create Kwizda France, a Biocides skills center in France.

In 1994, Kwizda acquired a small French company specializing in biocides.

The company's activities grew considerably during the first few years, and its Val d'Izé production site now employs 37 full-time employees as well as a few temporary agency workers for its annual production.

Our company, which is active in 37 countries, has based its strategy on supporting active biocide materials, the development of innovative insecticide formulations, and the creation of strong commercial partnerships with quality distributors to cover the European market. Our main role is to offer our clients essential sets of key skills (regulatory, marketing, production, research, and development) to convert the market's constraints into strengths.



KWIZDA FRANCE – VAL D'IZÉ SITE DESCRIPTION

Kwizda France is the Kwizda Group's skills center for Biocide activities in Europe.

The Val d'Izé plant, located in Brittany, receives formulations produced in Leobendorf (Kwizda Agro) and manages product deconcentration, packaging, and packing. This flexibility means we can offer new packaging solutions adapted to client requests.

The scope of the environmental management system covers the activities at the Val d'Izé production site and those undertaken by its employees.

With 27 people employed on site as at December 31, 2022, the plant produced 908 tons of products, translating to a turnover of 18.5 million euros for Kwizda Agro I Biocides.



OUR KEY FIGURES

GENERAL INFORMATION

Turnover
(BU Biocides)
**EUR
18.5 M**

Kwizda France	Company name
S.A.S.	Legal form
12 Parvis Colonel Arnaud Beltrame CS 10933 78000 Versailles Cedex – FRANCE	Office
ZA de Bourgneuf, Rte de Dourdan, 35450 Val d’Izé, France	Production site
394 788 582 00036	Siret no. (Corporate ID)
4675Z	NAF code

THE PLANT IS LOCATED IN VAL D’IZÉ

Lot Area
13,694 m²

2,750 m²	Paved surface area (parking lots + unloading area)
3,200 m²	Built surface area
1,211 m²	Production area (production lines, laboratory, maintenance...)
1,480 m²	Storage warehouse (RM + finished products)
233 m²	Administration (offices, meeting room...)
80 m²	Staff premises
270 m²	Docks, shipping
508 m²	Mezzanine

OUR KWIZDA AGRO | BIOCIDES STAFF

Val d’Izé
27
people
under contract

12	Production
4	Supply Chain
1	Finance / Accounting
3	Quality
2	Maintenance
1	Management
1	Production Scheduling
2	Warehouse
1	Controller
15	Temp Workers (seasonal)

Versailles
3
people

2	Finance / Accounting
2	Regulatory Affairs

Other
geographical
locations
11
people

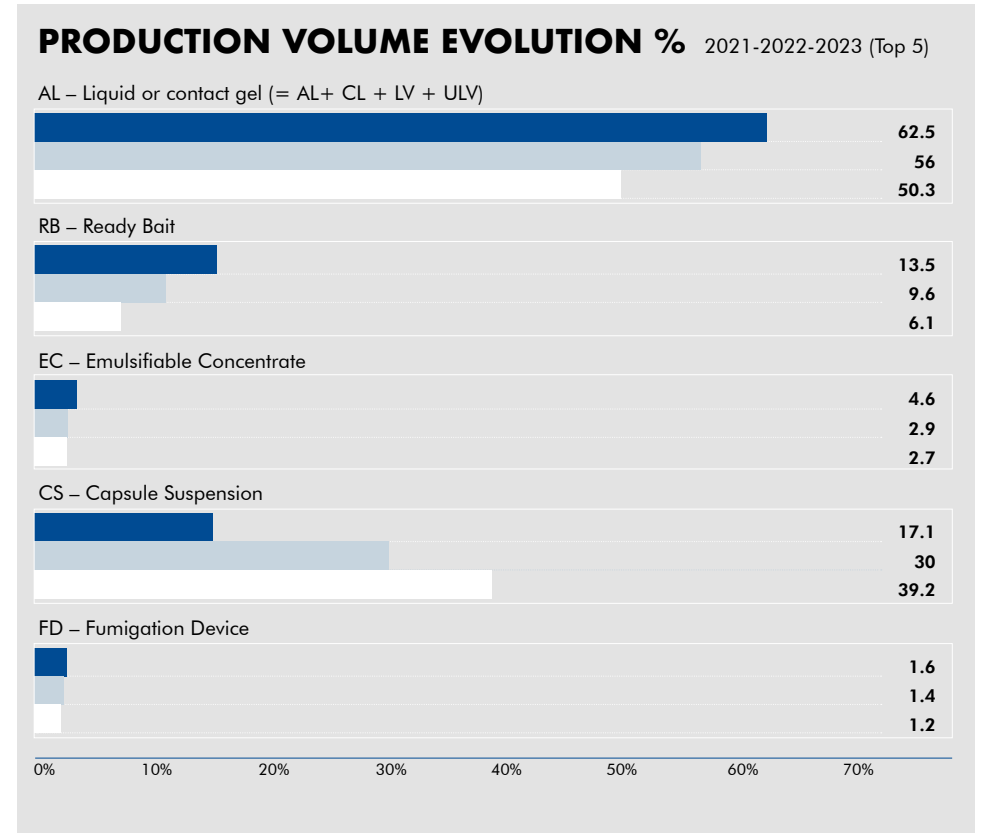
1	Management
2	Regulatory Affairs
2	Product Management
6	Sales

OUR PRODUCTS

We pack non-agricultural pest treatment products to combat ants, flies, cockroaches, mosquitoes, termites, etc.

Our products are distributed in different formats:

PRODUCT FAMILY	2021 (%)	2022 (%)	2022 (%)
AL – Liquid or contact gel (= AL+ CL + LV + ULV)	62.5	56.0	50.3
RB – Ready Bait	13.5	9.6	6.1
EC – Emulsifiable Concentrate	4.6	2.9	2.7
CS – Capsule Suspension	17.1	30.0	39.2
FD – Fumigation Device	1.6	1.4	1.2
*PA – Paste	0.68	0.28	0.47



■ Quantity (t) 2021 ■ Quantity (t) 2022 □ Quantity (t) 2023

ICPE STATUS

Our plant is subject to a reporting obligation in accordance with Article 4510 "Hazardous to the aquatic environment, acute category 1 or chronic category 1" (French Decree 2014-285)

The total quantity likely to be present at the facility is:

Greater than or equal to 20 T, but less than 100 T (DC). The quantity present on site is always between 22 and 52 tons.

Periodic ICPE inspection in 2022.

ENVIRONMENTAL POLICY

WE BELIEVE THAT RISK MANAGEMENT IS AN ESSENTIAL CORPORATE MANAGEMENT TOOL THAT PREVENTS ERRORS IN ALL ASPECTS OF OUR ACTIVITIES.

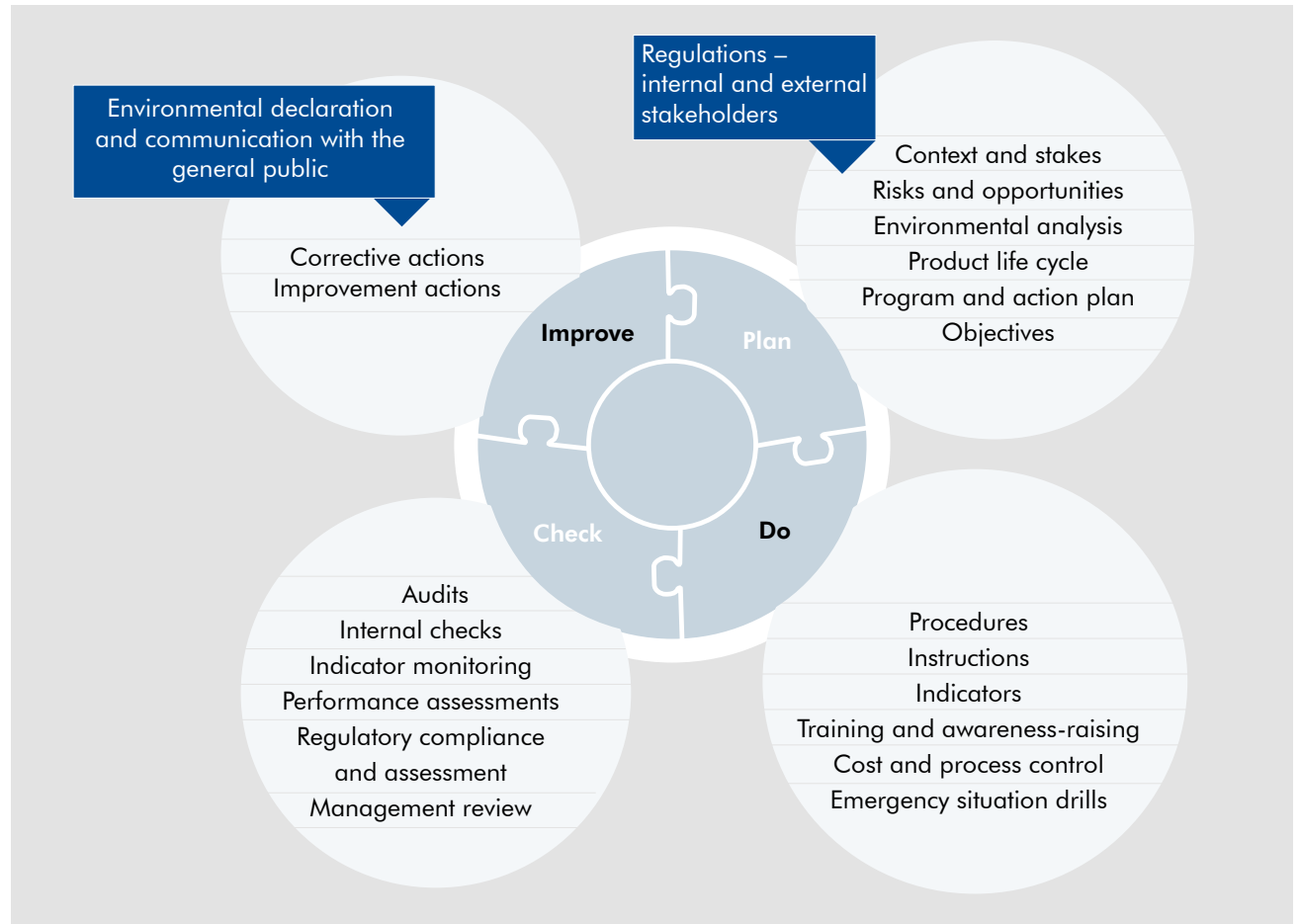


ENVIRONMENTAL POLICY

OUR INTEGRATED MANAGEMENT SYSTEM

The purpose of our integrated management system (IMS) is to convert company policy objectives into suitable methods, procedures, and processes, including the corresponding documentation, while taking all applicable regulations and standards into account (ISO 9001, ISO 14001, EMAS, ISO 45001.)

Our two environmental certifications are proof of our commitment to working as harmoniously as possible in the interest of the planet's ecosystems. We are therefore part of the select club of European businesses to have obtained EMAS registration after having met its excellence requirements.



WE ESTABLISH THE FOLLOWING PRINCIPLES FOR OUR CORPORATE POLICY:

Long-term and responsible corporate action represents an essential part of our corporate philosophy, which is why we have established the following principles for our corporate policy:



We meet customer requirements
We produce high quality products
We guarantee environmentally friendly production



We communicate with our external stakeholders on an ongoing basis
We ensure legal compliance



We create long-term jobs. We offer further training and optimal framework conditions for the development of our employees
Through regular training, we increase the safety and environmental awareness of our employees, and together we focus on accident prevention



We use our integrated management systems to continuously improve our performance in the areas of quality, environment, and safety



We create long-term jobs. We offer further training and optimal framework conditions for the development of our employees
Through regular training, we increase the safety and environmental awareness of our employees, and together we focus on accident prevention



We strive for long-term partnerships and maintain a transparent approach to our stakeholders
We act responsibly and see ourselves as their reliable partner

LIFE CYCLE AND ENVIRONMENTAL ASPECTS

AN ENVIRONMENTAL AND A LIFE CYCLE ANALYSIS WERE CARRIED OUT TO IDENTIFY THE MOST SIGNIFICANT ENVIRONMENTAL IMPACTS AND TO WORK ON REDUCING THEM.

Kwizda
Biocides



LIFE CYCLE AND ENVIRONMENTAL ASPECTS

OUR LIFE CYCLE ANALYSIS

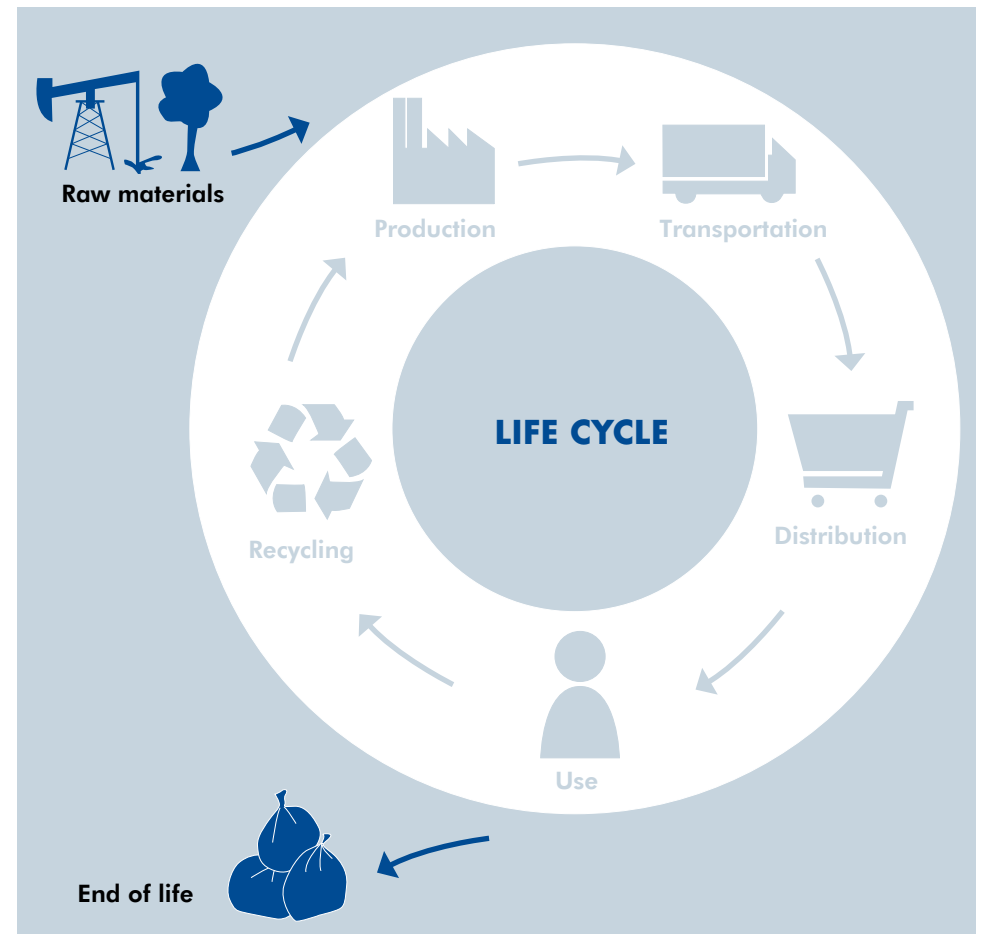
We have identified and determined our priority actions in an effort to more effectively reduce the most significant environmental impacts, leading us to carry out product life cycle analyses.

Our scope of influence extends from our raw material suppliers through to our end users via our distributors.

We mainly work with regional suppliers that have implemented environmental management systems and have proven their environmental engagement (ISO 14001, PEFC, FSC, EMAS, etc.)

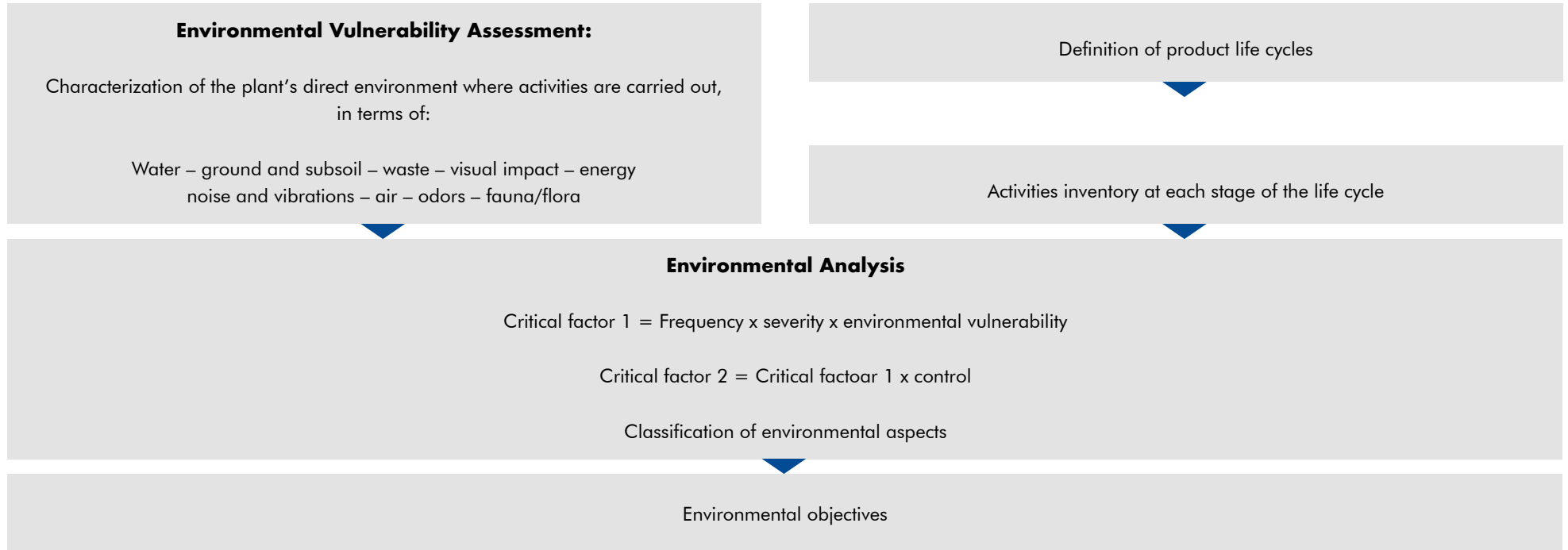
We have developed more environmentally friendly packaging by offering our clients packaging made entirely with cardboard instead of plastic. Together with our partner suppliers, we have developed a type of composite plastic containing minerals, thereby reducing the proportion of plastic. We are pursuing our approach by researching materials that are more environmentally friendly.

We support our distributor partners by reducing product labels and clearly showing packaging recycling requirements to raise end-consumer awareness.



OUR ENVIRONMENTAL ANALYSIS

METHOD:



USING THIS ANALYSIS, WE WERE ABLE TO IDENTIFY THE FOLLOWING SIGNIFICANT ENVIRONMENTAL ASPECTS (SEA) (LOW AND MODERATE GRADIENTS):

- Indirect: Depletion of resources linked to the production of plastic packaging
- Indirect: Pollution risks resulting from a fire (subcontractor)
- Direct: Pollution risks resulting from a fire (site)
- Direct: Production of hazardous waste
- Indirect: Pollution of fauna and flora due to spraying with our products
- Indirect: Waste production by our product users
- Indirect: Ground pollution due to the disposal of our products in landfills at their end of life

Our general environmental objectives are described in our QHSE policy and are broken down into measurable and quantifiable aims. These are monitored and analyzed in process reviews.

DATA ON ENVIRONMENTAL PERFORMANCE AND BASE INDICATORS

WORKING RESPONSIBLY AND FOR THE
LONG TERM IS ONE OF THE CORNERSTONES
OF OUR COMPANY PHILOSOPHY.



ENVIRONMENTAL PERFORMANCE DATA AND BASE INDICATORS

ENERGY CONSUMPTION

Objective: To limit the consumption of natural resources.

MEANS:

Implementation of best practices to limit heat loss, thereby reducing gas consumption.
Implementation of best practices to limit electricity consumption (e.g. switching off unnecessary lighting during the day).
Installation of more energy-efficient equipment.

RESULTS: Consumption monitoring.

ENERGY TYPE	CONSUM. 2021	2021 RATIO CONSUMPTION/MANUFACTURED PRODUCTS (KWH/KG)	CONSUM. 2022	2022 RATIO CONSUMPTION/MANUFACTURED PRODUCTS (KWH/KG)	CONSUM. 2023	2023 RATIO CONSUMPTION/MANUFACTURED PRODUCTS (KWH/KG)
Gas (kWh)	215 210	0.49	207 036	0.47	187 534	0.21
Electricity (kWh)	274 533	0.50	269 683	0.61	291 500	0.32
TOTAL (kWh)	489 743	1.01	476 719	1.08	479 034	0.53

Gas consumption based on the UDD* (Rennes Saint Jacques de la Lande): Gas mainly being used to heat buildings; consumption varies yearly => results are directly linked to climate conditions.

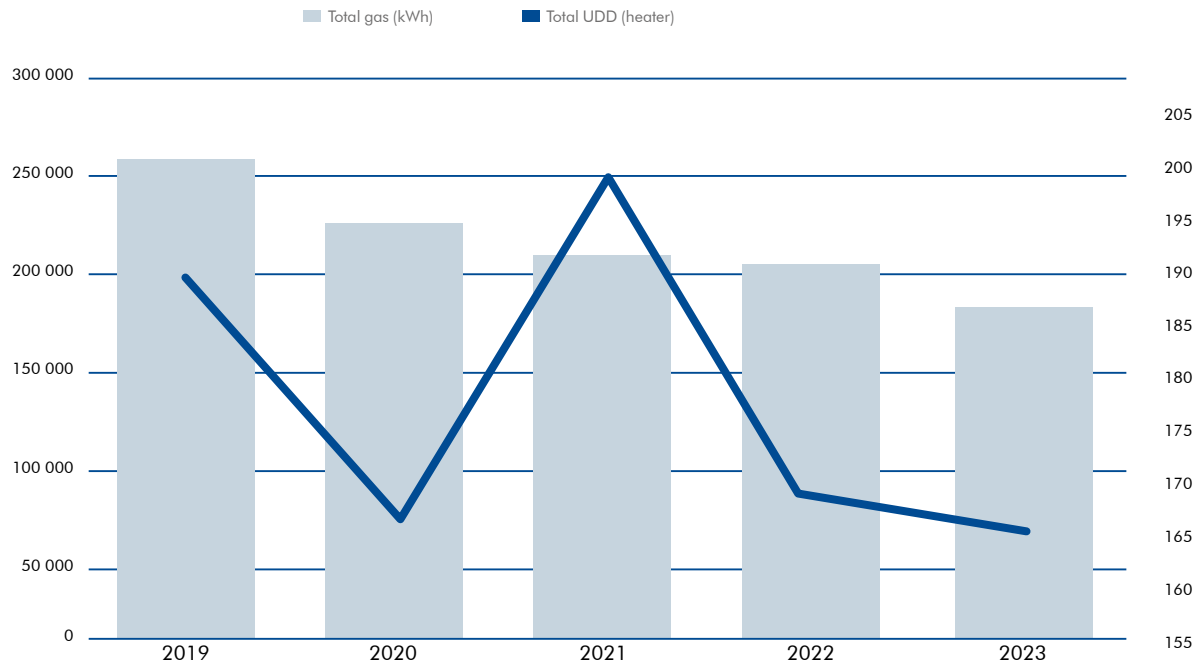
No significant difference in gas consumption between 2020, 2021, and 2022. The gas tank was refilled in early January 2022 after being consumed at the end of December 2021. Same values measured between January 2023 and December 2022.

No significant difference in electricity consumption between 2021 and 2022. Electricity consumption was a bit lower in 2020 due to activity slowdown related to the COVID-19 situation. In November 2022, a brand new filling and packaging production line was implemented in the workshop. This new line is twice as fast as the former one, reducing the time of production per unit and saving energy.

*Unified Degree Day (UDD) is the difference between the outside temperature and a reference temperature. It is used to estimate the thermal energy consumption needed to maintain a comfortable temperature inside buildings, based on the severity of a particular winter or summer. The usual reference is 18°C (65°F)

In 2023, gas consumption decreased: Weather conditions around Rennes were hotter than the previous year.

GAS CONSUMPTION / AVERAGE UDD



RATIONAL USE OF RAW MATERIALS

Objective: To limit raw material consumption. To develop more “ecological” products for our clients.

Means: Raw material consumption is monitored and analyzed to reduce losses to a minimum. Purchases use the just-in-time method to avoid losses and idle inventory. The different departments focus their projects on more environmentally friendly products and on reducing packaging and over-packaging weight.

Results: Purchase of raw materials

TYPE	2021 QTY	RATIO 2021 QTY/ PRODUCTION RATIO (KG)	2022 QTY	RATIO 2022 QTY/ PRODUCTION (KG)	2023 QTY	RATIO 2023 QTY/ PRODUCTION (KG)
*Metal packaging (drums, caps, etc., in units)	2 098 223	4.3	532 933	0.8	443 508	0.5 ▼
**Plastic packaging (BF, syringes, jars, bottles, etc., in units)	375 625	0.8	18 646 406	28.2	16 140 911	17.8 ▼
Labels (in units)	117 177	0.2	14 854 137	22.4	15 450 721	17.0 ▼
Cartons and boxes (blister carton, transport carton, in units)	689 691	1.4	4 489 226	6.8	3647 047	4.0 ▼
Active materials (in kg)	60 259	0.125	77 100	0.116	94 470	0.104 ▼
Excipients (in kg)	19 877 841	41.070	108 023	0.163	53 687	0.059 ▼
*Cottons (in units)	47 414 618	87.7	2 592 000	3.9	2 016 000	2.2 ▼

The increase in metal packaging observed in 2022 is significant due to the purchase of 250 kg of aluminum caps (500 000 units) to seal fumigation bowls.

The quantity of plastic packaging bought is quite stable, despite the fact that the ratio of quantity versus total volume is declining. This is due to product mix changes and the production of more bottles and less bait stations.

From September 2023, bait boxes made from PS (polystyrene) are mostly being replaced by a new, specially developed, hybrid mineral-filled polypropylene plastic.

This eco-conception allows us to achieve a 40% saving with regard to the plastic materials used for each box produced and also improves the safety and conservation of the formulation.

WATER CONSUMPTION

Objective: To limit the consumption of natural resources.

Means: Maintain best practices to limit water loss.

In 2018, a dedicated water meter was installed to manage the balance between the production and consumption of water.

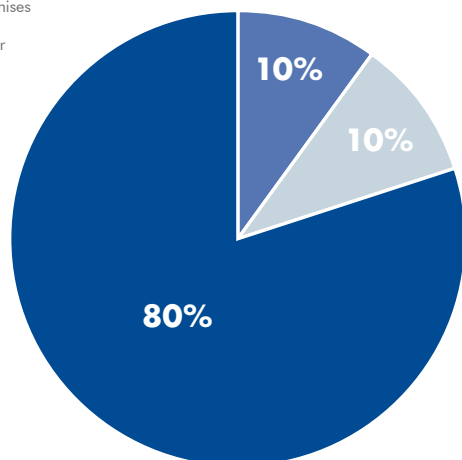
Results:

	2021	2022	2023
Total weight produced VI (kg)	483 877	662 042	908 232
Total quantity of water used (kg) A + B	515 000	873 000	1 271 000
A.) Quantity of sanitary water (kg)	134 000	147 000	1 142 000
B.) Quantity of plant production water (kg), including:	381 000	726 000	129 000
1) Quantity of process water per calculation (kg)	291 640	601 800	1 017 800
2) Quantity of waste water (cleaning) (kg)	124 920	124 200	124 200

The water used at our plant comes from the Pays de Vitré community. We have found that our water consumption is very limited. Our use of natural resources is therefore low. Variations in volumes of process water (water as ingredient) are due to the type of product manufactured. The implementation of a water osmosis device for specific types of formulation is also impacting the quantity of water rejected. The less concentrated the product, the higher the water content. The quantity of waste water (water used in the cleaning process) has remained stable over the years.

DISTRIBUTION OF WATER CONSUMED IN 2023 (T)

- Formulation
- Sanitary / staff premises
- Plant cleaning water



RATIO	2021	2022	2023
Total water kg/kg formulation (1+2+3)	1.06	1.32	1.40
Ratio of sanitary water kg/kg formulation (1)	0.28	0.22	0.14
Ratio of process water (as component)/kg formulation (2)	0.53	0.91	1.12
Ratio of cleaning water kg/kg formulation (3)	0.26	0.19	0.14

The ratio of total water/formulation increased in 2023. This is mainly due to the product portfolio, as the quantity of liquid water-based formulations increased.

The quantity of sanitary water decreased due to the reduction in the number of workers.

The quantity of cleaning water also reduced as a result of the product mix: Liquid formulations need less water to be cleaned and larger production orders reduce the frequency at which filling lines need to be cleaned.

Objective: To limit environmental pollution.

Results: Hazardous industrial waste (HIW) – non-hazardous waste (NHW)

Means: Waste sorting.

Raising staff awareness regarding the sorting of hazardous/non-hazardous waste. Improving the management of components and ingredients stock. Reducing the non-conformity of products' appearance. Managing the use of water in cleaning steps.

	2021 QUANTITY (T)	2021 QUANTITY (T) PRODUCTION (T)	2022 QUANTITY (T)	2022 QUANTITY (T) PRODUCTION (T)	2023 QUANTITY (T)	2023 QUANTITY (T) PRODUCTION (T)	
TOTAL INDUSTRIAL HAZARDOUS WASTE	162.3	0.335	155.5	0.235	175.2	0.193	▼
Waste water	132.8	0.274	133.1	0.201	133.0	0.146	▼
Solid waste	8.1	0.017	14.5	0.022	15.5	0.017	▼
Empty packaging	1.5	0.003	3.3	0.005	15.3	0.017	▲
Others (expired or discontinued formulation)	19.9	0.041	4.6	0.007	11.4	0.012	▲
DEE (electrical component waste)	-	-	-	-	-	-	
Ink jet waste	-	-	0.1	0.000	-	-	
TOTAL NON-HAZARDOUS WASTE	52.4	0.108	58.3	0.086	62.7	0.069	▼
NON-HAZARDOUS WASTE – not valorized	5.6	0.012	6.1	0.009	4.8	0.005	▼
Rolling containers	4.8	0.010	4.8	0.007	4.8	0.005	▼
Other waste	0.8	0.002	1.3	0.002	-	-	▼
NON-HAZARDOUS WASTE – recycled	46.8	0.096	52.1	0.076	57.9	0.064	▼
Carton	40.3	0.083	39.4	0.059	47.1	0.052	▼
Metal	1.8	0.004	3.5	0.005	4.3	0.005	
Plastic	1.3	0.003	4.4	0.007	2.3	0.002	▼
Glassine	3.2	0.007	3.3	0.005	4.3	0.005	
Wood	-	-	1.5	0.002	-	-	
Sorting error	0.2	0.000	0.7	0.001	0.1	0.000	▼
TOTAL PRODUCTION WASTE	214.7	0.443	213.7	0.321	237.8	0.262	▼

To limit cross-contamination, our waste water only comes from the cleaning of lines or equipment between each new production run. In 2020, the volume of evacuated waste water was higher than in previous years due to increased cleaning and reductions in the size of manufacturing orders, which also led to more frequent cleaning. The ratio between cleaning water used and the quantity of products manufactured continuously decreased between 2020 and 2022. In total, there was a decrease in the waste/production ratio.

Our waste policy focuses on reducing waste at the source to a minimum by sorting it, reusing it, recycling it, or selling it. Our waste is sorted on site during production and according to the approved processing or recycling sectors. Each time waste leaves the site, it can be traced using the waste register. To encourage reuse, some packaging waste is reutilized internally.

In 2019, blister-type plastic waste from production stopped being recycled due to increasingly restrictive changes in the recycling sector. This waste is now included in the roller containers. In 2020, the production line that generated this blister waste was stopped. From 2020 to 2023, cleaning procedures have been structured to be effective with less water. The efficient planning and extension of production runs also help reduce the frequency at which formulations are changed, reducing the need for cleaning and the amount of water used.

“BIODIVERSITY INDICATOR”

Objectives: To limit industrial risks and pollution.

Means: Reasonable weeding of unused land.
Sound plant development project.

Results:

LAND USE	2021	2022	2023
Land surface area (m ²)	13,694*	13,694	13,694
Built surface area (m ²)	3,200	3,200	3,200
Paved surface area (m ²)	2,750	2,750	2,750
Green spaces (m ²)	7,744	7,744	7,744
Ground occupation coefficient (built surface area / total surface area)	0.23	0.23	0.23
Green space occupation coefficient	0.57	0.57	0.57

The geographical area where we are located is reserved for industrial activities and is not a specific fauna and flora habitat.

It should be noted that our ground occupation coefficient, which is 0.23, is much lower than what is authorized by the Area Development Plan, which is 0.60 (built surface area / total surface area.)

Following our environmental analysis and our regulatory monitoring, we have been able to verify that the impacts on biodiversity do not stand out as a significant environmental aspect in relation to all our activities.

The biodiversity indicator has not reflected any significant changes, despite the construction of a new parking lot to facilitate coactivity between goods transportation and changes in staff shifts.

*: The total lot area was updated in 2018 following new land registry readings.

** : Note that the built surface area in 2017 included the new staff premises and the first new parking lot, which are not considered built surface areas.

AIR EMISSIONS

Objectives: To limit industrial risks and environmental pollution.
To limit professional travel.

Means: Monitor air emissions.
Purchase of a videoconferencing system in 2018.
Updating of videoconferencing software for all employees in 2020

Results:

EQUIPMENT TYPE	PARAMETERS	UNIT	LIMIT VALUES	2021 MEASURED VALUES	2022 MEASURED VALUES	2023 MEASURED VALUES
Furnace	CO	mg/m ³	100	0.00	0.00	5.00
	NOx	mg/m ³	450	0.00	0.00	20.00
Fire-powered generator	CO	mg/m ³	100	0.00	0.00	52.00
	NOx	mg/m ³	450	0.00	0.00	1.00

Production itself does not entail atmospheric emissions, only the furnaces release gases into the atmosphere.

Our furnaces only allow for the measurement of the CO and NOx values indicated in the table above.

Please note that our air emissions are well below the regulatory limit values.

FINISHED PRODUCTS

Objectives: To offer clients more environmentally friendly products.

Means: Implementation of a new product catalog due to the standardization of certain packaging solutions and formulations.

Development of new, more environmentally friendly packaging solutions (use of bio-sourced and/or recycled plastics, currently being studied.)

Val d'Izé Production Results:

QUANTITY OF PRODUCTS PER FORMULATION	2021 (kg)	2022 (kg)	2023 (kg)
AL – Liquid or contact gel (= AL+ CL + LV + ULV)	302 220	370 503	457 224
CS – Capsule Suspension	82 876	198 343	355 646
EC – Emulsifiable Concentrate	22 031	19 060	24 849
FD – Fumigation Device	7 933	9 076	10 526
GB – Granular Bait	-	-	-
MEC – Micro Emulsion Concentrate	-	-	-
MG – Micro Granule	-	-	-
*PA – Paste	3 308	1 828	4 284
RB – Ready Bait	65 510	63 232	55 702
SC – Suspended Concentrate	-	-	-
SG – Water-Soluble Granule	-	-	-
TOTAL	483 877	662 042	908 232

In 2023, there was a big increase in liquid RTU products in line with new investment (new line to fill bottles.)

This is having a significant impact on AL and CS product families – especially CS, which is related to a new biosourced liquid formulation (PYR 0.5 CS.)

*: Following the introduction of a new formulation launched in 2019, the table features a new category:

PA = Water-based, film-forming paste.

ENVIRONMENTAL PERFORMANCE

AT KWIZDA, WE CONSIDER QUALITY, ECO-COMPATIBILITY, AND THE CONNECTIONS WE HAVE WITH OTHERS TO BE THE ESSENTIAL FACTORS FOR OUR SUCCESS.



	2022	in t CO ₂	2023	Reduction in % 2023 vs. 2022
Stationary combustion				
Natural gas	0		0	
Heating oil	0		0	
Propane	48		43	-9%
Mobile combustion				
Gasoline	1		1	0%
Diesel	0		0	
F-gases / coolants				
R407-c	0		0	
R410a	0		0	
R32	0		0	
R290	0		0	
Sum Scope 1	49		45	-9%
Purchased energy				
Electricity consumption (location-based)	18		19	8%
Electricity consumption (market-based)	34		36	36%
Electricity consumption e-cars (location-based)	0		0	
Electricity consumption e-cars (market-based)	0		0	
District heating	0		0	
Sum Scope 2 (location-based)	18		19	8%
Sum Scope 2 (market-based)	34		36	36%
Sum 1+2 (location-based)	67		64	-5%
Sum 1+2 (market-based)	83		81	-2%
Sum Scope 1+2 intensity (market-based) (CO₂ / kg)	0.13		0.09	-29%

Note: Gasoline consumption for Val d'Izé for 2022 based on assumptions (stable to 2023); natural gas / electricity / heating oil / gasoline / diesel figures for Versailles location not considered

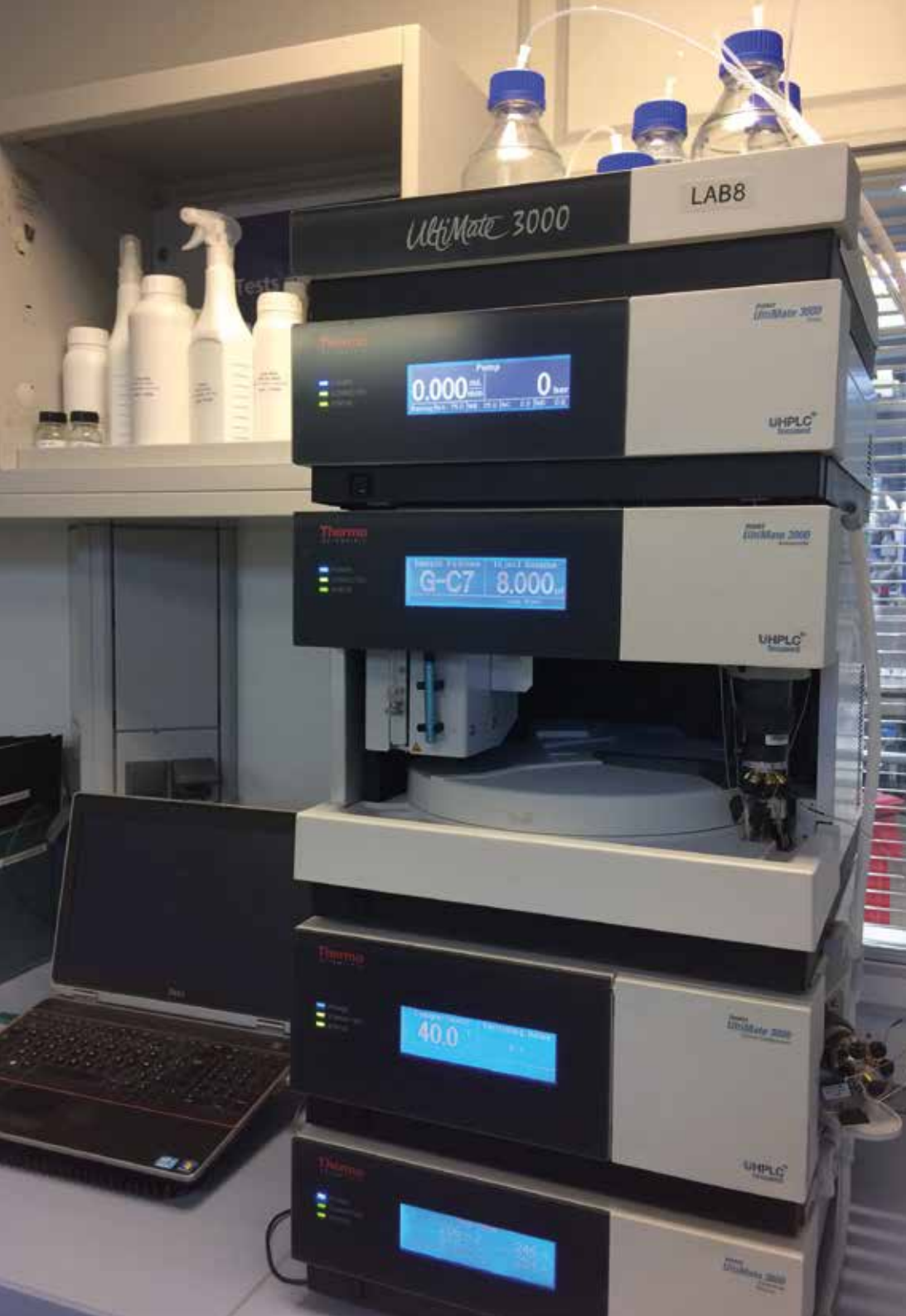
ENVIRONMENTAL PERFORMANCE

2023 PROGRAM RESULTS

NO.	ENVIRONMENTAL GOALS	TARGET 2023	RESULTS 2023	TARGET 2024
1	Limit environmental accidents Number of incidents / accidents and near-misses	0	0	0
2	Limit environmental accidents Promote awareness of environmental and safety issues on a regular basis	Daily animation at team briefing on new Communication Board with Quality Agent (not documented)	Done with new Production Board Implementation of new training modules	Improve training on environmental accidents: Create new module
3	Non-hazardous waste per production output (kg/kg) and per machineh (kg/machineh)	<0.00344 † NHW/machineh <0.08 ratio QTY NHW(t) / production (t)	0.0036 † NHW/machineh 0.069 ratio QTY NHW(t) / production (t)	Develop solution to reduce transport overpackaging of empty bait boxes
4	Hazardous waste per production output (kg/kg) and per machineh (kg/machineh)	<0.00959 † IHW/machineh <0.23 ratio QTY IHW(t) / production (t)	0.01 † IHW/machineh 0.19 ratio QTY IHW(t) / production (t)	Reduce waste water with IBC cleaning device
5	Electricity consumption per production output (kg/kg) and per machineh (kWh/machineh)	<0.41 kWh/kg <16.74 kWh/machineh (total)	0.32 kWh/kg 16.8 kWh/machineh (total)	Identification to reduce consumption Implement method of measurement of consumption
6	Gas consumption per production output (kWh/kg)	0.32 kWh/kg	0.21 kWh/kg	Feasibility study to switch heating system to heating pump

ENVIRONMENTAL PROGRAM 2024/2025

NO.	ENVIRONMENTAL GOALS	TARGET 2024
1	<p>Carbon footprint (CFP) calculation: To calculate CFP, we need a clear view of the energy consumption per line (Scope 1.) Achievements by estimation or calculation. For calculation, we need a one-time (representative) measurement of the consumption (electricity.) The gas consumption per line will be established by share calculation with machine</p>	<p>Have a clear road map:</p> <ul style="list-style-type: none"> ■ Detail line composition + expected consumption ■ Where to take the one-time measurement? ■ Ranking by priority (machineh, volume)
2	<p>Renewable energy and energy efficiency</p>	<p>Arrange a feasibility study for:</p> <ul style="list-style-type: none"> ■ The installation of a PV plant ■ Electric car charging station ■ Replace the gas heating system with heating pump <p>Business cases Possibilities of funding</p>
3	<p>Waste reduction and recycling:</p> <p>A) Reduction in IBC consumption (induce an increase of waste water due to cleaning, but will reduce scope 3 CFP by reducing IBC CFP)</p> <p>B) Choice of sustainable packaging:</p> <ul style="list-style-type: none"> - Secondary packaging for which a legal flexibility exists - Primary packaging <p>C) Renew internal communications relating to waste sorting</p> <p>D) Reduction of transportation of cartons of primary packaging with main supplier</p>	<ul style="list-style-type: none"> ■ Set up the IBC cleaning device in VI ■ Set up a business case of IBC cleaning system for Leobendorf <p>Secondary packaging: optimization solutions:</p> <ul style="list-style-type: none"> ■ No empty space policy: Full utilization of secondary packaging and pallets ■ Primary packaging: Need a road map for medium-term strategy for primary packaging ■ New poster for workshops and communication around collection points ■ Initiate a project for reusable transport containers for bait boxes
4	<p>Ecosystem and biodiversity initiative: Involve employees in community actions to preserve biodiversity</p>	<p>Organize an event with employees</p>



APPLICABLE LEGAL REQUIREMENTS IN ENVIRONMENTAL MATTERS

Below is the list of main regulations taken into account by the Val d'Izé site.

Site subject to ICPE regulations as per Article 4510 (French Decree 2014-285)

- French environmental, energy, planning, and labor codes
- REACH Regulation
- Biocides Regulation
- EMAS 2009 Regulation
- ISO 9001 (2015) Certification
- ISO 14001 (2015) Certification
- ISO 45001 (2018) Certification

ENVIRONMENTAL DECLARATION VALIDATION

Since 2022, France no longer has an accredited body which is able to audit and validate EMAS policies within French companies.

The present statement is based on data, records, and figures from the Quality Management System, which is verified on an annual basis by third-party accredited body Bureau Veritas through audits ISO 9001, ISO 14001, and ISO 45001.

Kwizda France has complied with these three ISO standards since 2016.

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