



ENVIRONMENTAL STATEMENT

2025

LEOBENDORF PLANT



Kwizda

Agro

ENVIRONMENTAL STATEMENT

2025

in accordance with the EMAS Regulation (EC) No 2009/1221 in the versions No 1505/2017 and No 2026/2018 of the European Parliament and of the Council of 25 November 2009 on the voluntary participation by organizations in a Community eco-management and audit scheme (EMAS III).

Kwizda Agro GmbH

Leobendorf plant

Laaer Bundesstraße / Kwizda Allee 1, 2100 Leobendorf

NACE Code: 20.20

Reporting period: 2024



WORDS OF THE MANAGEMENT

The world is facing major ecological challenges today, and we at Kwizda Agro are convinced that innovative plant protection and pest control can and must be in harmony with nature. Our vision is a new and sustainable world of plant protection and pest control that is in harmony with a healthy and productive environment.

Our plant in Leobendorf plays a key role here. As a production site for our in-house products as well as for contract manufacturing for industry partners, our plant consistently focuses on environmentally friendly solutions and maximum efficiency. Our commitment is backed up by hard figures: Since 2020, we have reduced our carbon footprint (Scopes 1 & 2) by more than 60 percent. We are continuing along this path with targeted investments in sustainable processes and technologies.

Intelligently combining biological and conventional methods is a key component of our strategy. With our in-house products, we invest in natural and nature-identical solutions for plant protection and pest control, and our sales activities focus on integrating conventional and biological plant protection and plant fortifiers to offer farmers safe, efficient and sustainable alternatives.

Dipl.-Ing. Ronald HAMEDL
Managing Director

We are also working hard on digital innovations: With the Kwizda Xperience platform launched in 2025, we enable more precise and efficient application of plant protection products – for better yields and a smaller ecological footprint in agriculture.

As sustainable plant protection is a global challenge, we are also systematically driving forward our expansion in Europe and North America. Our aim is to make innovative solutions available worldwide and contribute to the sustainable development of the industry.

None of this would be possible without our strong team. We owe our success to our dedicated, highly motivated and innovative employees, who work hard every day to create a better future. We invest heavily in their development and rely on a values-oriented management culture – because sustainable growth requires people who act with passion and foresight.

As an ISO 14001- and EMAS-certified company, we accept our responsibility and strive every day to further improve our environmental performance and communicate our progress transparently. We invite you to walk this path with us – in harmony with the environment.

Dkfm. Dr. Johann F. KWIZDA
Managing Director

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THE COMPANY

RELIABILITY,

VARIETY,

INNOVATION

AND DECISION-MAKING POWER



SUSTAINABILITY AT KWIZDA AGRO

At Kwizda Agro, we pursue a clear vision: We want to create a new, forward-looking and sustainable world of plant protection and pest control. Our actions are based on the conviction that innovative, responsible and ecologically sound solutions are the key to a future worth living – for us, our employees, our partners and future generations. We closely associate this vision with the United Nations’ Sustainable Development Goals (SDGs), which support and guide our business activities in a variety of ways.

OUR SDG FOCUS

Our sustainability strategy is based on a number of key SDGs:



- SDG 2 – Zero hunger: By developing sustainable plant protection solutions, we secure yields and help farmers be more productive and at the same time more environmentally conscious.



- SDG 3 – Good health and well-being: Our products not only protect plants but also promote healthy soils and thus ensure sustainable food production.



- SDG 7 – Affordable and clean energy: Sustainable energy sources help us reduce emissions, while continuous optimization of our production processes lowers energy consumption.



- SDG 8 – Decent work and economic growth: We create secure jobs, promote innovation and invest in the training and development of our employees.



- SDG 12 – Responsible consumption and production: Conservation of resources, efficient processes, the circular economy and recycling are central to our production activities.



- SDG 13 – Climate action: We work continuously to reduce our carbon footprint, and we rely on low-emission technologies in production and logistics.



- SDG 15 – Life on land: Through the use of biological plant protection solutions, we actively promote biodiversity and preserve ecosystems.



- SDG 17 – Partnerships for the goals: In close cooperation with research institutions, industry and agriculture, we develop and implement sustainable solutions.

These SDGs serve as guiding principles for all our business activities and combine economic performance with environmental and social responsibility.

OUR SUSTAINABILITY PRIORITIES

All our business activities are geared towards long-term stability – not only economically but also from environmental and social perspectives. We have developed a clear strategy in order to make a contribution that goes far beyond short-term success and actively helps build a sustainable future. To turn our ambitious vision into reality, we have defined six key areas that form the core of our sustainability strategy:



1. Promotion of ecosystems and biodiversity:

By developing and distributing natural and nature-identical plant protection solutions, we contribute to the preservation of biodiversity. Digital technologies help us utilize plant protection in a targeted and environmentally conscious manner. In this way, we optimize the use of resources while simultaneously minimizing environmental impact.

2. Reduction of our carbon footprint:

One central component of our strategy is the consistent reduction of CO₂ emissions. This includes sustainably sourced power, our own photovoltaics, energy-efficient production processes and expanded use of e-mobility. These actions are an integral part of our commitment to climate change mitigation.

3. Resource efficiency and waste reduction:

In line with the circular economy, we design our production processes to minimize the consumption of resources and reduce waste – including industrial waste water. The focus on reuse and recycling also helps reduce our environmental impact.

4. Health and safety in the workplace:

The well-being of our employees is our top priority. With a wide range of actions that go beyond our regulatory obligations, we promote not only the physical but also the mental health of our employees and thus ensure a safe working environment.

5. Community involvement:

We specifically support educational programs, community projects and environmental initiatives. Our involvement extends beyond our company in order to promote sustainable development in our communities.

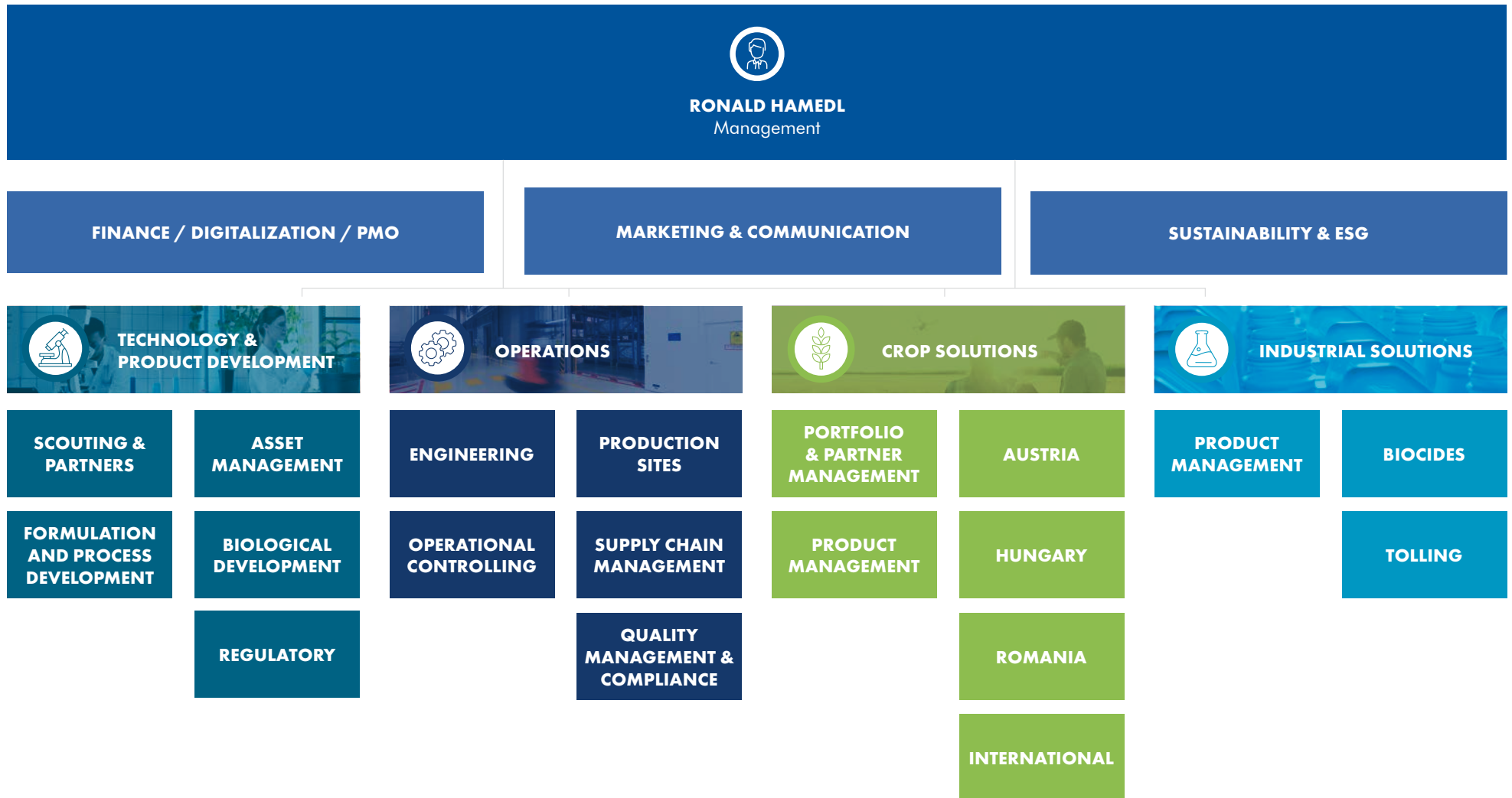
6. Transparency and visibility:

We create trust among our customers and partners through clear governance structures, voluntary implementation of high standards and international certifications. We make our sustainability progress visible and continuously improve upon it.

For Kwizda Agro, sustainability is more than just a trend – it is an attitude. As a family business, we bear responsibility for our environment, our employees and future generations. We actively help create a sustainable future through innovative solutions and efficient processes.

COMPANY

ORGANIZATION OF KWIZDA AGRO



Kwizda Agro GmbH is active in various markets and segments. Conventional and biological plant protection products and biostimulants are distributed via the Crop Solutions business unit in Europe and North America. The Industrial Solutions business unit is responsible for production services in the area of plant protection and biocidal solutions as well as the production and marketing of biocides. In the Technology & Product Development unit, Kwizda Agro focuses primarily on “green” products and formulations for agriculture and forestry as well as on biocides. Finally, the Operations unit offers fully integrated supply chain management, quality management and assurance, production and logistics for external customers and for our own products at our production sites in Europe.

2024 saw a particular emphasis on strengthening the Technology and Product Development platform, and all digitalization activities were bundled into a separate organizational unit. In addition, the area of sustainability was promoted through extensive integration into the strategy, and the sustainability targets were regularly tracked within the operational structures.

Corresponding governance structures were further refined in 2024 and are closely aligned with sustainability at the Group level.

In the area of compliance, the existing compliance system of Kwizda Agro GmbH is reinforced by Group-level activities. A Group-wide compliance management system is being introduced. This multi-year project has already produced initial results with the revised Code of Conduct, Supplier Code of Conduct and various policies in the IT area (cybersecurity, digitalization, AI, etc.).

INTERVIEW WITH ISABELLE HOLLERER, HEAD OF SUSTAINABILITY AT KWIZDA GROUP LEVEL:

Ms. Hollerer, you have been responsible for sustainability at the Kwizda Group for several years. What were your main topics in 2024 and what will they be in 2025?

Sustainability succeeds only when it is understood and integrated into daily working life – and this is precisely what we have focused on in recent years. In 2023, we established a Group-wide governance structure to create clear responsibilities and promote open communication. Because only when the right people come together can sustainability issues be dealt with effectively. Raising awareness was particularly important to us: Training and internal communication have helped to ensure that sustainability is not just a concept, but that it really comes alive in our company.

In 2024, we focused on identifying and clearly defining the key sustainability issues for the Kwizda Group. At the same time, we have built a strong foundation for future development by collecting and monitoring relevant key figures.

In 2025, we will go one step further: We will minimize risks in data collection and focus more strongly on strategic directions. This means not only measure sustainability but intentionally promoting it – with vision and substance.

Within Kwizda Agro, there is a separate governance structure for sustainability that encompasses the entire management team and is headed by the Sustainability Manager. How do you ensure coordination with the division and an overarching governance structure?

To ensure close coordination and a strong, uniform focus, we rely on a Group-wide governance structure for sustainability. The Sustainability Core Team plays a central role here. It links together all Kwizda divisions, develops methodologies and works out viable concepts for achieving

our sustainability targets. At the same time, it serves as a central point of contact for all sustainability issues within the Kwizda Group and ensures a continuous dialog with the specialist departments. This enables us to firmly anchor sustainability within our processes and create real added value. We maintain close cooperation with the various divisions through regular coordination meetings, interdisciplinary working groups and a clear reporting system. In this way, we promote communication and collaboration between the various teams and ensure that all relevant information is shared transparently and promptly.

Kwizda Agro is represented in our Group-wide governance structure by its Sustainability Manager. She drives the issue of sustainability within Kwizda Agro, both strategically through the Sustainability Board, which meets quarterly, and operationally in the relevant committees.

What do you see as Kwizda Agro’s strengths in the area of sustainability?

Kwizda Agro has sustainability firmly anchored in its vision and strategy. This long-term focus makes it possible to consistently pursue sustainable targets and implement them in all areas of the company. We have a strong track record when it comes to the environment and have been successfully building on this foundation for years – be it in R&D by focusing on green solutions, or by reducing CO₂ emissions, conserving resources or promoting environmentally friendly processes. This approach is now being extended to other areas, such as social responsibility.



CORPORATE POLICY

OF KWIZDA AGRO GMBH

The executive management of Kwizda Agro GmbH and the management team of the Operations business unit run the Leobendorf plant according to the principles of an integrated management system.

The Leobendorf plant is certified according to the following systems:

- ISO 9001:2015 (Quality Management)
- ISO 14001:2015 (Environmental management)
- ISO 45001:2018 (Occupational Health & Safety)
- EMAS (EU Eco-Management and Audit Scheme)

THEREFORE WE SUBSCRIBE TO THE FOLLOWING PRINCIPLES FOR OUR CORPORATE POLICY:

Long-term, responsible corporate action represents a major part of our corporate philosophy, which is why we have set the following principles for our corporate policy:



The satisfaction of our customers is our highest priority: We produce high-quality products in accordance with the technical specifications and individual customer requirements. Our business planning is geared towards this objective.



We are committed to complying with all legal requirements and regulations, industry standards and binding obligations in the areas of quality, environmental protection and occupational safety. Monitoring compliance with the law is an integral part of our integrated management system.



Healthy and motivated employees are the basis for our company's success, and we are therefore committed to offering a workplace equipped with modern technology. The qualifications and continued training of our workforce help us keep pace with the ever-increasing demands on our products and services, which is why we also actively promote the development of our employees.



We employ our integrated management system to continuously improve our environmental and safety performance as well as the quality of our products and services. A process-oriented opportunity and risk management system assists us in achieving or exceeding our corporate goals.



We take responsibility for the environment and society by minimizing our environmental impact on soil, air and water and reducing our carbon footprint. Our emergency response and crisis management organization enables us to minimize the negative impacts of emergencies and disruptions.



We value open dialog and transparency with respect to interest groups such as employees, the works council, suppliers, authorities, non-governmental organizations and local residents. We strive to offer our employees stable, long-term jobs.

IMPACT OF THE EU GREEN DEAL ON THE KWIZDA AGRO PORTFOLIO

INTERVIEW WITH ANDREAS KRENN (HEAD OF REGULATORY)

Hello Andreas, what innovations is Kwizda Agro currently bringing to the market?

In the agricultural sector, we are currently in the phase of introducing biological foliar fungicides, particularly in viticulture. In addition, a nature-identical active substance with a repellent effect will be approved in the near future for use as a seed treatment, among other things. We are also working on the submission of two product dossiers with a microbial mode of action.

In terms of biocides, we are concentrating on introducing products based on natural pyrethrum in order to replace corresponding synthetic chemical solutions and respond to the wishes of retailers and consumers.

What impact does the restriction of microplastics in plant protection products and biocides have on Kwizda Agro's portfolio?

We are working on formulation changes for existing products, which we expect to register in time for the ban on microplastics in 2031. For new innovations, we attach great importance to working without microplastics right from the start of the formulation concept. We are currently looking for microplastic-free capsule alternatives for Kwizda's own micro capsule formulations.

PFAS substances are increasingly coming under the spotlight of the authorities – what impact will this have?

We do not use any raw materials containing PFAS in our in-house products. In the area of contract manufacturing, raw materials containing PFAS are currently being evaluated together with suppliers (impact assessment) to ensure that suitable actions can be taken if necessary.

What other regulatory challenges does the Regulatory department face?

In future, packaging concepts with aseptic filling will become more important in order to reduce the use of bactericides. Digitalization has also found its way into our industry – from 2026, the introduction of digital labels will be mandatory for new product launches.

Many thanks, Andreas, for these interesting insights!

INTERVIEW WITH WILLIAM REYER (HEAD OF ASSET MANAGEMENT) ON THE CURRENT CHALLENGES FACING THE PLANT PROTECTION INDUSTRY

Hello William, what challenges is the industry currently facing in the transition to more environmentally friendly products?

We are currently facing the loss of important active substances due to reclassifications or the banning of certain active substances during the re-registration process. This leads to new innovations in research and development, in the advisory network and among farmers: New types of products such as biological plant protection products are being researched and tested in combination with digital technologies. With Kwizda Xperience, a digital platform for modern agriculture, Kwizda Agro has been offering winegrowers throughout Central Europe a state-of-the-art decision-making aid for plant protection since 2024. In 2025, this platform will be expanded to include other crops and services.

Are changes expected due to the postponement or delay of individual elements of the EU Green Deal?

The industry knows that change is needed, and Kwizda Agro is focused on solutions that meet this need, no matter what delays or postponements there are.

What exactly is Kwizda Agro doing with respect to its in-house products?

Kwizda Agro made the strategic decision years ago to focus on natural and nature-identical alternatives for its in-house products. These innovations ensure that our customers continue to have access to valuable solutions both in the EU and around the world.

Thank you, William, for this look into the future.



**LEOBENDORF
SITE**



KWIZDA AGRO – OPERATIONS

DESCRIPTION OF THE OPERATIONS UNIT

Operations was founded in 2019 as part of a restructuring of Kwizda Agro with the aim of bundling the operational activities in the value chain into one unit and thus achieving efficiency and quality improvements in process management and the interfaces to the sales units, the central and service functions and the company management.

This area includes the two Kwizda Agro production plants – the main plant in Leobendorf and the Val-d’Izé plant in France – as well as the departments of Supply Chain Management and Quality Management & Compliance.

The Operations business unit supplies Kwizda Agro’s sales units with products and services. This includes the manufacture of products, the procurement of trade goods, the procurement of products from external manufacturers, contract manufacturing for industry customers and the provision of external and internal compliance and quality assurance services.

The unit employs up to 230 people in the high season and around 170 in the low season. During the high season, we make use of leased workers.

While Kwizda Agro’s environmental management system (ISO 14001) also covers a large part of the sales areas and the central and service functions of Kwizda Agro, the scope of the environmental management system in accordance with EMAS is limited to the Leobendorf site.

DESCRIPTION OF THE LEOBENDORF SITE

Kwizda Agro’s main plant has been located in Leobendorf since 1978 and is conveniently situated in the Laaer Straße industrial park on the S1 expressway.

Initially founded as a pure distribution warehouse for plant protection and pest control products, the plant was expanded in 20 expansion phases to become a state-of-the-art production site for the manufacture, filling and storage of solid and liquid plant protection products, with a focus on wettable and water-soluble granules (solid products) and emulsions in water, seed treatments and capsule suspensions (liquid products). Insecticides (biocides), fungicides and herbicides as well as repellents are produced as active groups.

Around 9,630 tons of products were manufactured and delivered in the 2024 financial year.

The unit employs up to 180 people in the high season and around 140 in the low season, with the use of leased staff in the high season.



KEY DATA ON THE PLANT

AREAL DATA

Floor area
92,000 m²

20,805 m² Gross floor area of building

880 m² Media and utility supply

6,165 m² Production

12,080 m² Raw materials and finished goods warehouses

350 m² Laboratory, technical center

2,300 m² Gross floor area buildings

EMPLOYEES

Total
170

31 Sales and administration

63 Production / Packaging

26 Quality Assurance/Product Development

23 Storage

9 Maintenance, engineering

17 Leased employees (temporary)

OUTPUT

Output
2024

3,550 t/a Granulates

2,777 t/a Emulsions, emulsion concentrates

2,173 t/a Suspensions, suspension granulates

1,134 t/a Other formulations

Facilities 2024

FACILITIES

5 Fluidized bed granulators

60 Stirrer and disperser as well as filling and storage containers

10 Bead mills

11 Bottling and filling installations (for powders, granulates and liquids)

2 Dry product blenders

3 Micro-capsule machines

19 Dry filter installations to clean exhaust air of volatile organic components and dust particles

5 Activated carbon filters

2 Boilers to generate saturated steam (total output 6,400 kg saturated steam/hour), fired by natural gas

2 Hot water boilers (output 586 kW and a double boiler with 536 kW), fired by natural gas

2 Water quenches to generate process cooling

4 Compressors to supply compressed air

1 Water treatment plant for treating process water

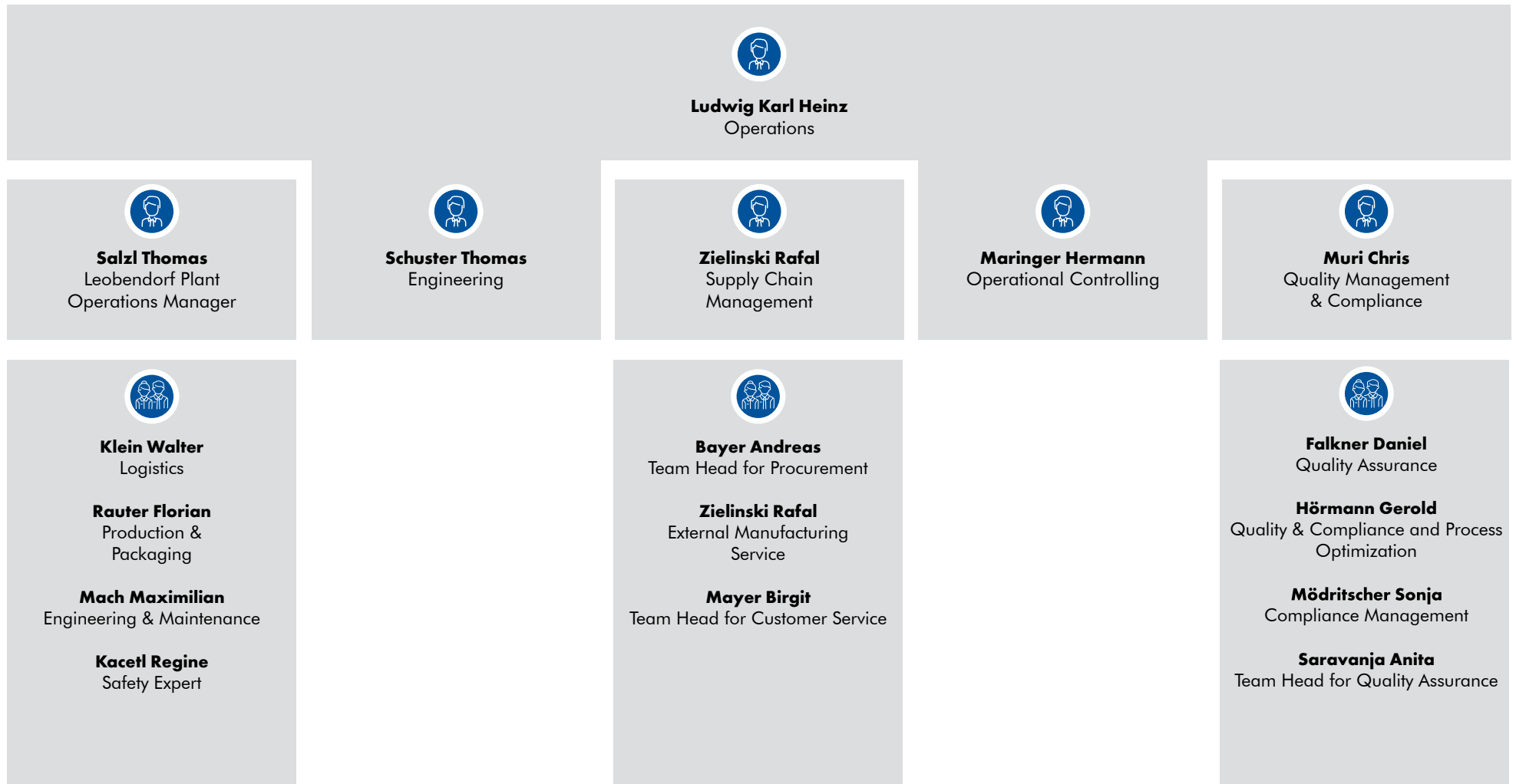
4 Transformer substations

6 Heat chambers for melting active substances

4+1 Duplex scrubbing towers

ORGANIZATION

The OPERATIONS business unit is divided into four departments (Leobendorf and Val-d'Iz  plants, Supply Chain Management, Quality Management & Compliance) and two staff units (Engineering and Controlling) and is headed by Karl Heinz LUDWIG.



SPECIALIST POSITIONS IN OPERATIONS (LEOBENDORF PLANT)



QUALITY OFFICER
MURI Chris



ENVIRONMENTAL OFFICER
MURI Chris



SAFETY OFFICER
MURI Chris



SAFETY EXPERT
KACETL Regine



MANAGING DIRECTOR ACC.
TO TRADE LAW
SALZL Thomas



WASTE MANAGEMENT OFFICER
MURI Chris



FIRE PREVENTION OFFICER
HACKL Ronald



DANGEROUS GOODS OFFICER
KRUSIC Petar



HAZMAT SAFETY OFFICER
HÖRMANN Gerold



OCCUPATIONAL PHYSICIAN
ASZ LINZ, DR.
AUGENDOPLER Martin

WASTE MANAGEMENT OFFICER (DEPUTY)
HACKL Ronald

FIRE PREVENTION OFFICER (DEPUTY)
OTZLBERGER David

DANGEROUS GOODS OFFICER (DEPUTY)
HACKL Ronald

THE ENVIRONMENT: IMPACT, ACHIEVEMENTS, TARGETS

WE CONTINUALLY INVEST IN
PREVENTIVE ENVIRONMENTAL PROTECTION.



ENVIRONMENTAL ASPECTS AND IMPACT

We have identified and assessed the following environmental aspects of our activities, facilities and products and used them as the foundation for environmental protection at the factory:

DIRECT ENVIRONMENTAL ASPECTS

- **Emissions into the atmosphere:** We rely on modern exhaust air purification technologies to minimize pollutant emissions.
- **Energy:** By switching to certified green electricity, using renewable energy sources and continually increasing energy efficiency in production processes, we are able to continuously reduce our relative energy consumption.
- **Waste:** We pursue actions in the interests of a circular economy and packaging optimization (for Kwizda's in-house products) in order to reduce waste streams.
- **Materials:** The use of raw materials and adjuvants can only be influenced to a limited extent as they are strictly regulated by approvals or (in some cases) provided by customers. However, we endeavor to keep production waste as low as possible by taking appropriate actions.
- **Water:** State-of-the-art wastewater systems, suitable organizational and technical actions and continuous monitoring reduce the risk of groundwater contamination to almost zero.
- **Mobility:** The internal vehicle fleet was already converted to electric trucks in 2023; company cars are being successively replaced with electric vehicles.

INDIRECT ENVIRONMENTAL ASPECTS

- **Products:** Both in the portfolio of our tolling customers and in Kwizda Agro's in-house portfolio, synthetic chemical products are gradually being replaced by biological products or products with nature-identical active substances, thereby reducing the negative environmental impact of the products in terms of biodiversity and greenhouse gas emissions.
- **Procurement:** A significant proportion of the raw materials and adjuvants used are prescribed by the approval or provided by the customer, which is why we can only exert limited influence on raw material sources and transportation routes. For Kwizda's in-house products, however, we have taken actions to reduce material consumption and minimize waste streams by reusing bulk packaging.
- **Transportation:** Due to the highly regulated portfolio of raw materials and adjuvants, there is little scope for influencing the supply chains. However, we have taken actions to minimize internal journeys (all external warehouses were closed after the new raw materials and finished goods warehouse went into operation) and to minimize truck idle times through strict management of delivery and pick-up slots.
- **Biodiversity:** Kwizda Agro takes a responsible approach to the local ecosystem at the Leobendorf production site. To improve biodiversity at the site, landscape architectural planning for the design of the outdoor facilities was commissioned in 2023, and portions of the project are to be implemented over the next few years. Kwizda Agro's in-house portfolio contributes indirectly to biodiversity in that many of our own products are also approved for organic farming.
- **Climate:** A climate risk analysis carried out by an external company revealed an increased risk of strong winds and heavy precipitation for the Leobendorf site. Appropriate actions are being taken into account in the plant safety management system.
- **Incidents:** The risk of incidents is minimized by a comprehensive technical and organizational safety concept in accordance with the Seveso III Directive. Crisis and emergency scenarios are reviewed annually, and employees are trained on an ongoing basis.

ASSESSMENT OF ENVIRONMENTAL ASPECTS AND IMPACT

DIRECT ENVIRONMENTAL ASPECTS	Emissions into the atmosphere		Energy		Waste		Materials		Water		Emissions into the ground	
	Extent	Potential for improvement	Extent	Improvement potential	Extent	Improvement potential	Extent	Improvement potential	Extent	Improvement potential	Extent	Improvement potential
Office & administration	Low	Low	Low	Significant	Low	Low	Low	Low	Significant	Significant	N/A	N/A
Production	High	Significant	High	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Significant	Low
Filling	Moderate	Low	Moderate	Moderate	Significant	Significant	Significant	Moderate	Significant	Significant	Significant	Low
Storage	Significant	Low	Significant	Significant	Low	Low	Low	Low	Low	Low	Significant	Low
Laboratory	Significant	Low	Significant	Low	Significant	Low	Low	Low	Low	Low	Moderate	Low
Maintenance & engineering	Significant	Low	Significant	Significant	Low	Low	Significant	Significant	Significant	Significant	Moderate	Low
Power station	High	Low	High	Low	N/A	N/A	N/A	N/A	Low	Low	N/A	N/A
Vehicle fleet, parking spaces, e-charging stations	Significant	Significant	Significant	Significant	N/A	N/A	N/A	N/A	N/A	N/A	Moderate	Low

INDIRECT ENVIRONMENTAL ASPECTS	Products		Procurement		Transportation		Biodiversity		Climate		Incident	
	Extent	Potential for improvement	Extent	Improvement potential	Extent	Improvement potential	Extent	Improvement potential	Extent	Improvement potential	Extent	Improvement potential
	High	Moderate	High	Significant	Moderate	Low	High	Significant	Moderate	Significant	High	Low

Environmental aspects with high and moderate priority are classified as significant environmental aspects

N/A = Not applicable.
■ High ■ Significant ■ Moderate ■ Low

ENVIRONMENTAL ACHIEVEMENTS 2024

NO.	ENVIRONMENTAL OBJECTIVE	AREA	ACTIONS TAKEN	STATUS	SAVINGS IN MWH/YEAR OR TONS CO ₂ /YEAR
1	Increase in energy efficiency and decarbonization	Leobendorf site	Development of a comprehensive energy monitoring policy with planned implementation period 2025	☑	n. a.
2	Increase in energy efficiency and decarbonization	Leobendorf site	Development of an energy efficiency roadmap for the main consumers by Q4/24	☑	Energy efficiencies of approx. 210 tons of CO ₂ in the medium to long term
3	Increase in energy efficiency and decarbonization	Leobendorf site	Implementation of an energy audit as part of the Kwizda Group's "KWIGGE" energy efficiency initiative by Q3/Q4 2024	☑	n. a.
4	Energy efficiency	Packaging materials hall	Conversion of lighting to LED in the packaging materials hall	☑	75 MWh savings
5	Energy efficiency and decarbonization	Leobendorf site	Optimization of gas consumption / ton produced by >15% through improved campaign planning	In addition to 2024 target	>300 tons of CO ₂
6	Decarbonization	Leobendorf site	Continuation of the switch to e-mobility in Austria (36% of the fleet converted)*	In addition to 2024 target	>25 tons of CO ₂
7	Reduction in material usage and waste	Leobendorf site	1,987 IBCs recycled with partner Schütz, resulting in a savings of 76.5 tons of steel and 30 tons of plastic	In addition to 2024 target	213 tons of CO ₂
8	Reduction in material usage and waste	Leobendorf site and Val-d'Izé	Construction of an IBC purification installation for the reuse of 1,000 IBCs	Postponed until 2025	Approx. 100 tons of CO ₂
9	Reduction in material usage and waste	Leobendorf site and Val-d'Izé	Development of a packaging roadmap with initial implementation of packaging optimizations (Weight, recyclability and recycled content)	☑	
10	Reduction of wastewater	Production	Implementation of a pilot plant for industrial wastewater treatment	☑	No direct savings**
11	Reduction of wastewater	Production	Reduction in production wastewater (absolute 27% and relative 19%) through better campaign planning	In addition to 2024 target	
12	Biologization	AIT	Enlargement of laboratory space at the AIT to 350 m ² , incl. fermentation of microorganisms, microbiology and molecular biology as well as formulation	In addition to 2024 target	

* Includes the Leobendorf production site as well as the other sites in Austria (headquarters and sales) ** Energy / CO₂ is indirectly saved at the treatment company by reducing the disposal quantity.

Environmental actions are focused on the Leobendorf production site.

ENVIRONMENTAL PROGRAM 2025

NO.	ENVIRONMENTAL OBJECTIVE	AREA	ACTIONS TAKEN	SAVINGS IN MWH/YEAR OR TONS CO ₂ /YEAR
1	Increase in energy efficiency and decarbonization	Kwizda Agro	Development of a decarbonization strategy for Scope 1 and 2 with short-, medium- and long-term reduction targets	n. a.
2	Increase energy efficiency and decarbonization	Kwizda Agro	Reduction of relative CO ₂ emissions/ton by a further 3% at the plant through energy efficiency actions (e.g. lowering the flow temperature of the hot water) and advancing e-mobility in Austria and selective other countries	>50 tons of CO ₂ 2025
3	Decarbonization	Leobendorf site	Conversion of the heating chambers to electric	>120 tons of CO ₂ in the medium term
4	Decarbonization	Leobendorf site	Feasibility study of battery storage systems for peak load reduction and grid stabilization	n. a.
5	Increase in energy efficiency and decarbonization	Leobendorf site	Introduction of energy monitoring	Energy efficiency potential of approx. 10% identified for the medium to long term (approx. 210 tons of CO ₂)
6	Energy efficiency	Leobendorf site	Gradual conversion of lighting to LED in the production preparation area	No CO ₂ savings (electricity comes from renewable sources), 45 MWh saved
7	Reduction in material usage and waste	Leobendorf site and VDI	Gradual conversion of existing packaging. Evaluation of new packaging and packaging of pipeline projects according to circularity as well as weight and CO ₂ optimization	Approx. 100 tons of CO ₂ By 2027/2028
8	Reduction in material usage and waste	Leobendorf site	Construction of an IBC purification installation for the reuse of 1,200 IBCs	No direct savings; energy / CO ₂ is indirectly saved at the treatment company by reducing the disposal quantity
9	Reduction of wastewater	Production	Scaling of the pilot plant for purifying industrial wastewater	No direct savings; energy / CO ₂ is indirectly saved at the treatment company by reducing the disposal quantity

INTERVIEWS WITH EMPLOYEES IN PRODUCT MANAGEMENT, QUALITY MANAGEMENT AND ELECTRICAL ENGINEERING

INTERVIEW WITH STEFAN POLLAK, PACKAGING EXPERT

Mr. Pollak, you have been Product Manager Packaging at Kwizda Agro since 2022. How has the department changed over these years and what are your main topics?

We have noticed that our understanding of the complexity of the topic has grown significantly. This has enabled us to optimize our packaging portfolio, reduce it to the essential packaging types and achieve some initial improvements. A number of promising projects are already underway. The topic is also becoming increasingly important to our customers – the demand for sustainable packaging solutions is growing noticeably. In view of the new EU regulations, the relevance and tempo in all aspects continues to increase.

What are your goals with regard to packaging optimization?

We are currently analyzing our entire packaging range to identify specific projects. With every new type of packaging, we take the Design for Recycling guidelines into account from the outset to ensure that the packaging can be recycled in the right waste stream.

The focus is on sustainability – material selection and reduction have a significant impact on the carbon footprint and recyclability. At the same time, product protection must not be neglected, and costs must always be kept in mind, of course.

By when do you intend to implement the PPWR (Packaging and Packaging Waste Regulation) for Kwizda Agro's in-house products?

Our goal is to fully meet the legal requirements by 2027 –

three years before the official deadline. In this way, we wish to make it clear that we take our responsibility in the area of sustainability seriously and act proactively.

What successes have you achieved to date in terms of material weight savings, virgin plastic savings and CO₂ savings?

Last year, we implemented a project in which we introduced IBCs with a 30% PCR (post-consumer recycling) content. The raw material comes directly from returned containers, allowing us to close the loop – a successful example of the circular economy concept. Since the start of this project in 2023, we have already saved 126 tons of steel and 50 tons of plastic. In total, this means a reduction in CO₂ emissions of over 350 tons.

What do you see as the biggest challenges?

The new directives pose major challenges for all distributors of packaging. In many cases, packaging has to be fundamentally revised – taking into account numerous stakeholders both inside and outside the company. At the same time, the timeframe for implementation is tight, also with regard to the regulatory requirements for packaging.

What are your goals for 2025?

We will continue to systematically implement our projects. The as-is analysis of all packaging types will be completed, and the success of the implemented actions will gradually become visible.

INTERVIEW WITH STOJAN SOFRENIC, ELECTRICAL ENGINEERING

Mr. Sofrenic, the Engineering team is currently working on the introduction of an energy monitoring system. Why was this project started?

As Leobendorf has the highest energy requirements of all Kwizda Group sites and because we want to obtain ISO 5001 certification, we need to identify potential savings and take actions to save energy.

How can this idea be implemented via automation?

We want to use the monitoring system to track the consumption of electricity, steam, compressed air, natural gas and water (cooling water, hot water, process water and demineralized water). Siemens Simatic Energy Manager PRO was the best fit for this purpose.

Where does the system obtain the data to be monitored?

The meters send their values directly to Energy Manager Pro, and these values are displayed in an overview. Currently, 30 meters are already supplying their data. A total of 120 energy meters will eventually supply their data to the system. The system will generate defined reports and issue messages in the event of unexpected energy consumption, for example.

What information can be obtained from such messages?

Increased power consumption may indicate a defective bearing in a system. In this case, the information is important for Engineering and Maintenance. You can also compare the energy requirements of different systems with each other to optimize the operation of the systems. The image shows the dashboard with a selection of the data that can be viewed.



Who else can use this data?

The data analysis is useful for Controlling as well as for the Engineering team and Production Management. There will be training courses for employees on the lines, meaning that knowledge about efficient energy management will also reach employees directly. Ultimately, we should then be able to see where we have unexpectedly high consumption and also where we can best achieve savings, because the cheapest and cleanest energy is still energy that is not consumed in the first place.

Thank you for this valuable information!

INTERVIEW WITH GEROLD HÖRMANN, PROCESS OPTIMIZATION

Mr. Hörmann, you are currently working on a project to reduce the volume of wastewater at the Leobendorf site.

That's right, our project is called "Membrane filtration and recirculation of process water." We are working on developing a process that combines ultrafiltration, plasma treatment and nanofiltration for the treatment of wastewater from production.

What do we mean by "wastewater" in this case?

In this project, wastewater refers to all water resulting from production and cleaning, which is referred to here as "process water."

Why did you start this project?

In the past, all wastewater was collected and disposed of externally. That was about 3,550 tons of wastewater per year. We therefore put some thought into how we could reduce the need for disposal. Due to the potential positive impact on the environment, the project was also supported by outside funding.

How is the wastewater reduction actually achieved?

The wastewater is filtered directly through several membrane filters. After passing through the filters, the water is tested for defined metrics such as pH value and conductivity and also for residues of our active substances. To this end, we will be developing new analysis methods to prevent cross-contamination. After being purified and tested in this way, the water will be fed back into the cycle as fresh water for cleaning purposes and for use in scrubbing towers.

Water samples can be seen in the picture here, showing how much purification is possible with this system.



What positive impacts can be expected from the actual implementation of the system?

In this way, we want to ensure that almost 80% of the wastewater can be treated. This means that only 20% of the previous quantities will need to be disposed of. Overall, it is a good thing if there is less wastewater to be collected and disposed of, plus we can avoid the high costs associated with this.

Many thanks for the insights into this exciting project.

ENVIRONMENTAL MANAGEMENT

ORGANIZATION AND DOCUMENTATION

Responsibility for the environmental management system lies with the management of Kwizda Agro GmbH, the Head of Operations and the Head of Industrial Solutions. Individual environment-related tasks are planned and implemented by the specific operational area, in other words by the plant manager or department heads. Operations executives are given expert support by the Environmental Officer and his team in the discharge of their duties. In addition, the Environmental Officer is responsible for ensuring compliance with all relevant environmental regulations and requirements.

Documentation of the system is carried out as part of the integrated management system using a software system (ConSense) which can be accessed by all employees via the intranet (PCs or terminals in the production areas). The environmental requirements are an integral part of the system documentation, which is subdivided according to processes. Environmental data is collected in a database ("ESG Cockpit") and evaluated annually in the course of updating the environmental statement.

The environmental statement can be accessed by all employees via the intranet, and by interested parties via the website of Kwizda Agro GmbH/Leobendorf plant. (www.werkleobendorf.at)

RENEWAL OF ISO CERTIFICATIONS AND INITIAL REGISTRATION IN THE EMAS REGISTER

The ISO certifications (ISO 9001 / ISO 14001 / ISO 45001) were renewed in 2024, and the EMAS environmental management system at the Leobendorf site was successfully validated. In September 2024 – following the termination of the environmental proceedings against Kwizda Agro in March 2024 – a new application was made to the Federal Environment Agency for entry in the EMAS register, which was granted on September 12, 2024. In November 2024, the EMAS certificate was ceremoniously presented to Kwizda Agro at the EMAS conference in Vienna.

ECOVADIS ASSESSMENT

In April 2024, an Ecovadis sustainability assessment was carried out for the third time and resulted in a further improvement in the rating compared to 2023. An overall score of 61% (bronze) was achieved, and the environmental score increased to 70%.

STAKEHOLDER DIALOG

Since the launch of our new website, we have been in even closer dialog with our customers, local residents and the interested public. A clear design and intuitive navigation as well as regularly updated articles, particularly in the area of application recommendations and the product range, have enabled us to increase the number of hits by 50% in the last two years.

In the area of community involvement, we have also initiated or supported selected local projects for education/promotion of STEM professions, environmental action and local community efforts.

LEGAL OBLIGATIONS AND WORKPLACE HEALTH PROMOTION

SEVESO

The Leobendorf plant is an upper-tier establishment within the meaning of the Seveso III Directive of the European Union. This classification is based on the quantity as well as the environmental and health hazards of the stored raw materials, half-finished and finished goods.

We view the safe and economical operation of the facilities in compliance with the relevant legal and regulatory requirements to be our fundamental responsibility, all with the aim of producing high-quality products and associated services.

The protection of employees, local residents, the environment and the operating facilities is an important concern for us, and we ensure this by means of a strict maintenance concept. We also strive to constantly improve our facilities and production processes, particularly with regard to safety and environmental aspects, in accordance with accepted engineering practices.

Continuous training and education enables our employees to handle the technical installations responsibly and react appropriately in an emergency. Detailed safety guidelines have been drawn up on the basis of the above safety policy and have been firmly established at the plants of Kwizda Agro GmbH.

ACCIDENTS AND NEAR MISSES IN 2024

Eight occupational accidents occurred at the Leobendorf plant in 2024. These consist of five minor accidents and three reportable accidents (lost time of three days or more). Our accident rate (reportable workplace accidents per 1,000 employees) was therefore once again comparable to the accident rate for the chemical industry in Austria.

As part of the accident follow-up, actions were taken to prevent such injuries in the future. However, actions are not only taken in the event of accidents. Deriving actions from near-miss reports is an important pillar of accident prevention.

Through increased employee awareness and ongoing encouragement from managers, we were able to increase the number of near-miss reports from 6 in 2020 to 27 in 2024.

WORKPLACE HEALTH PROMOTION

In 2024, our workplace health promotion project was launched in collaboration with the ÖGK. The aim of this project is to maintain and promote health and well-being at work by improving and optimizing working conditions. The project also seeks to raise awareness of people's own health behavior and create positive incentives.

As part of an employee survey that we launched on Health Day, we collected data on the conditions surrounding work and work activities, organizational frameworks and the

personal resources of our employees, all of which can lead to both positive and negative impacts on the health of the entire workforce. The online questionnaires were analyzed by an ÖGK company to ensure anonymity.

The results of the employee survey were presented to all employees in small groups. In a number of health roundtables, voluntary representatives from all departments then addressed their working conditions, discussing and expanding on the results of the employee survey. Experiences relating to health resources and burdens were shared, and suggestions for improvement were developed.

Based on the improvement suggestions collected from employees, packages of actions are now being assembled together with the department managers, which will be approved by the steering group so that the first actions can be implemented in the course of 2025.



FIT AT
WORK

PRODUCTS AND PORTFOLIO, MEDIA AND MATERIAL FLOWS



PRODUCTS, PRODUCTION METHODS AND INSTALLATIONS



The portfolio of the Leobendorf plant includes plant protection products, plant fortifiers, biocides and repellents with various application types (for plant protection products) and in various types of formulations. The plant protection products are insecticides, fungicides and herbicides.

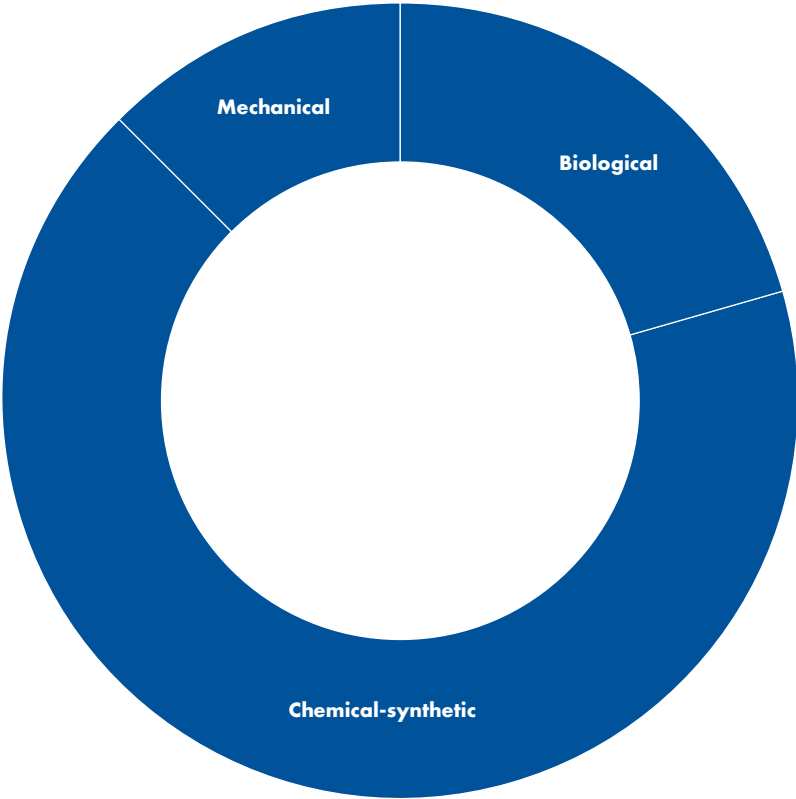
Active substances are not synthesized at the plant – they are purchased or provided by customers.

The formulation types are granules (wetttable granules, suspension granules and microgranules) and liquid formulations such as emulsion concentrates, suspension concentrates, micro capsule suspensions and emulsions in water.

In recent years, formulations with chemical-synthetic active substances have gradually been replaced by formulations with nature-identical or biological active substances. This is the case both in Kwizda Agro's in-house portfolio and in the portfolio of our clients.

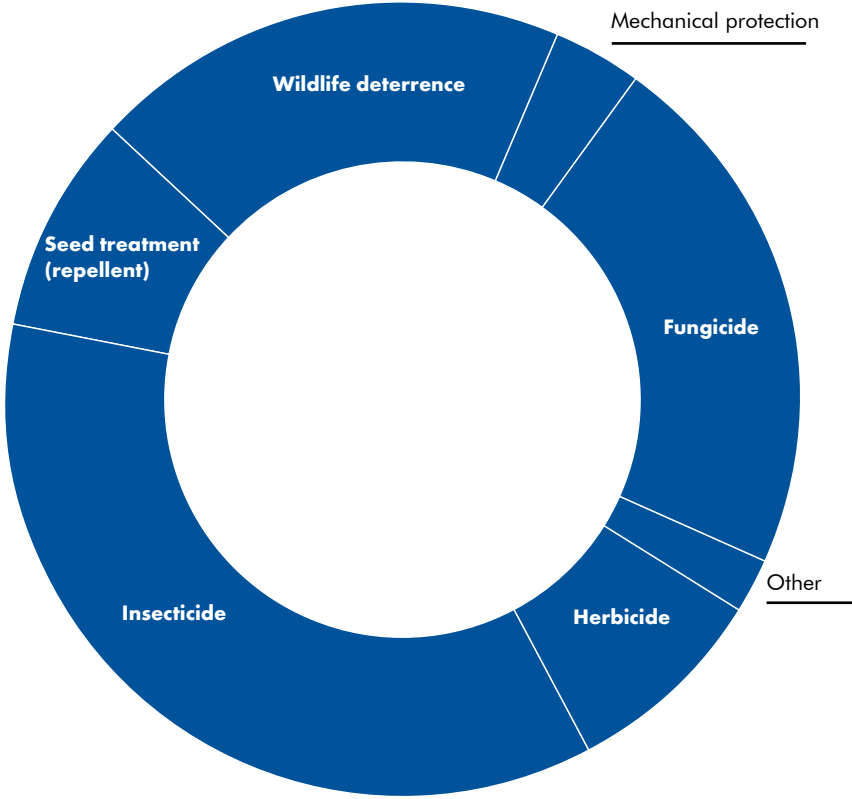
To increase production capacities for biological plant protection products, an existing granulation plant will be converted to produce biological granulates as of mid-2025. In 2026, an existing liquid line is to be expanded for the exclusive production of biological liquid formulations (emulsions in water and suspension concentrates).

Products produced by mode of action (2024)



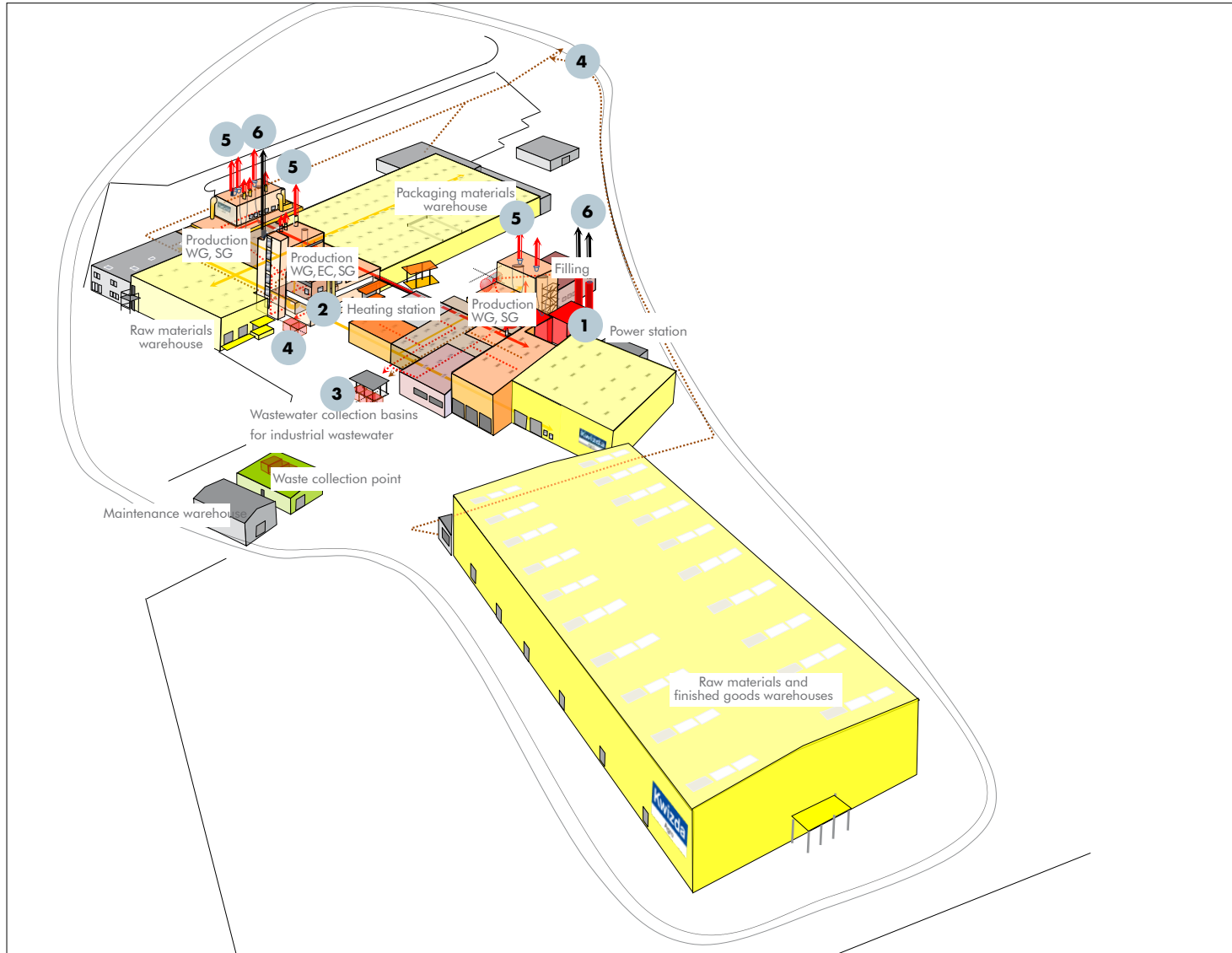
21% Biological (natural and nature-identical active substances)
 67% Chemically synthesized
 12% Mechanical (e.g. Hylonox)


Products produced by application type (2024)








4% Mechanical protection
 22% Fungicide
 2% Other
 8% Herbicide
 36% Insecticide
 9% Seed treatment (repellent)
 19% Wildlife deterrence

MASS AND ENERGY FLOWS



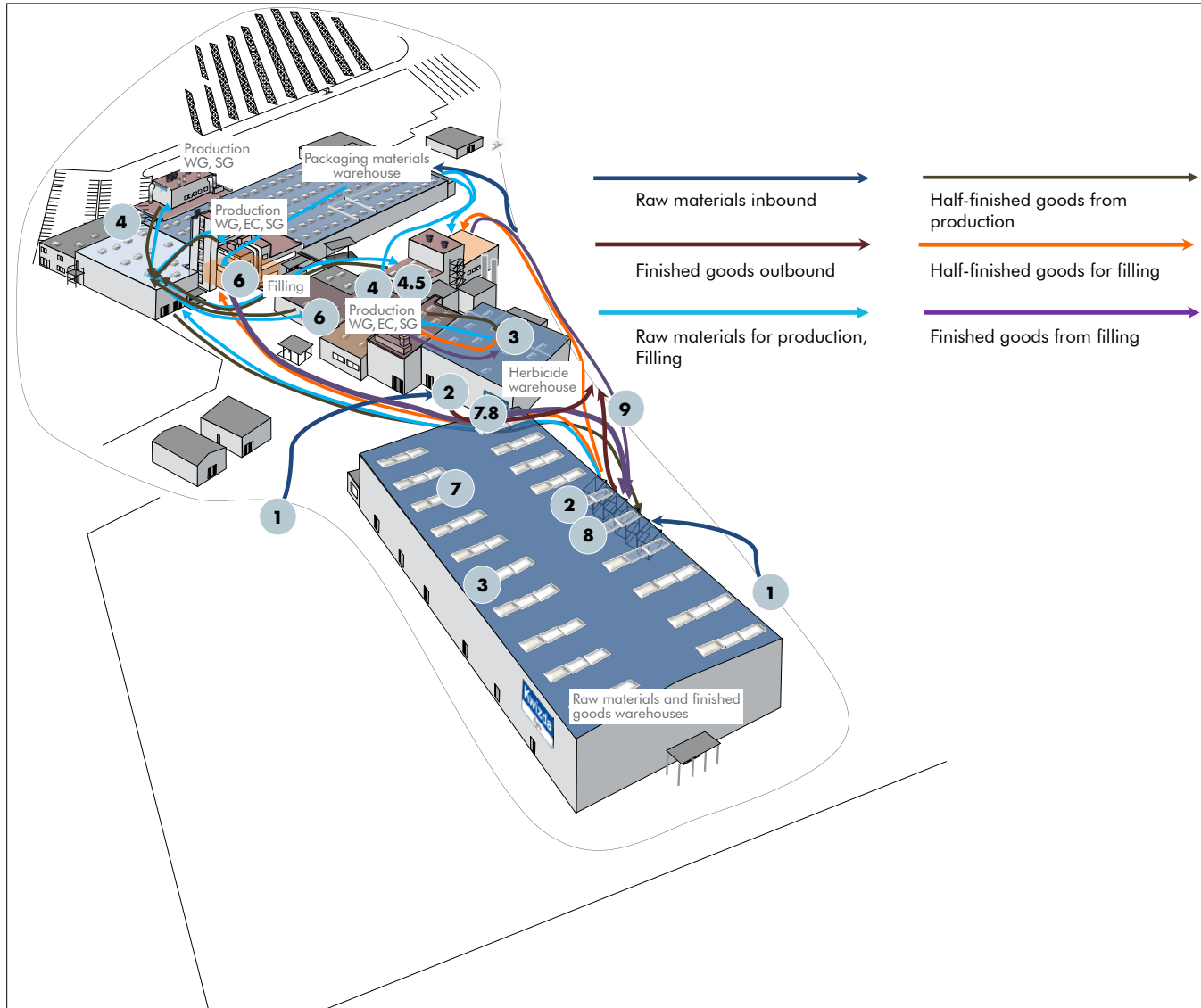
-  Steam supply
-  Heat supply
-  Industrial wastewater
-  Domestic wastewater
-  Exhaust air from production
-  Exhaust air from steam/heat generation

-  Storage
-  Production preparation
-  Production
-  Filling
-  Power station

DESCRIPTION OF MASS AND ENERGY FLOWS

- 1** A power station with 2 steam generators supplies the factory (in particular the production facilities) with saturated steam and process heat.
- 2** A heating station with 2 boilers supplies the factory with space heating.
- 3** The production wastewater collection system comprises run-in points (floor drains, sinks) in production and laboratory areas, the piping within the building, the piping outside the building and the wastewater collection basins or tanks. It is used to collect wastewater contaminated with chemicals which normally occurs in water-based cleaning processes in the production units.
- 4** The collection system for domestic wastewater (toilet waste collection system) is fed into a collection basin for domestic wastewater or into the public sewage network.
- 5** Exhaust air is generated in the production facilities, firstly during the granulation processes in the fluidized bed granulators, and secondly when pumping out the various preparation, mixing, storage and finished product containers. The exhaust air is contaminated with organic carbon components and dust and is purified to comply with the prescribed thresholds using various purification methods (bag filters, scrubbing towers, aspiration filters).
- 6** The steam and heating installations run on natural gas; all limit values of the relevant legal regulations are checked regularly to ensure compliance.

MATERIAL FLOWS



Process steps:

- 1 Receiving
- 2 Incoming goods (inspection)
- 3 Storage
- 4 Production preparation
- 5 Production
- 6 Filling, packaging
- 7 Storage
- 8 Order picking
- 9 Shipping

- Raw materials (active substances, adjuvants)
- Half-finished products (Big Bag, IBC)
- Packaged finished goods

DESCRIPTION OF MATERIAL FLOWS

- 1 2** Raw materials are delivered directly to the herbicide warehouse or raw materials and finished goods warehouse (separated into herbicides and insecticides or fungicides). After the trucks are unloaded, the goods are inspected before being stored. During the incoming goods inspection the raw materials are inspected to ensure the delivery is complete and correct and to identify any damage. Any claims are reported to the supervisor, and to the Customer Service, Procurement and Quality Management & Compliance departments.
- 3** The supplied materials are stored in the raw materials warehouses in accordance with the storage strategy recorded in SAP. The warehouse management system is used for end-to-end documentation of the flow of raw and other materials and can be traced at any time. Handheld scanners are used by the members of staff to scan the materials every time they are moved so they can always be located in the system.
- 4** Once the production order is created by the planning department, the warehouse staff receives a transport order. They remove the required raw materials and adjuvants from the raw materials warehouse and send them to the production preparation areas of the relevant production line so that the raw materials only have to be transported short distances during production. The production preparation areas are located immediately before the relevant production facilities.
- 5 6** During production, the members of staff remove the necessary raw materials from the production supply areas. The amount used is documented precisely. If raw materials are not used, a campaign inventory is carried out after production, which involves booking the returned raw materials back into the warehouse for further storage. If finished goods are produced that do not have to be filled into small containers or packaged, these products are stored directly in the relevant finished goods warehouse. Half-finished goods are normally stored temporarily in the finished goods warehouse before filling and packaging.
- 7** Storage or temporary storage of finished or half-finished goods follows the storage strategy recorded in SAP and supported by the warehouse management system in the finished goods warehouse, separated according to insecticides, fungicides and herbicides.
- 8 9** For shipping of the finished goods, they are picked by the warehouse employees in the shipping zone of the raw materials and finished goods warehouse according to the internal transport order and prepared for dispatch/loading. The trucks can be loaded directly from the ramps.




KEY FACTS AND FIGURES

WE CONTINUE TO PURSUE
AN OPEN AND TRANSPARENT
COMMUNICATION STRATEGY



KEY FACTS AND FIGURES

INPUT-OUTPUT ANALYSIS (2024)

RAW MATERIALS			PRODUCTS	
Active substances	2,125 t		Granulates	3,550 t
Other raw materials	3,952 t		Emulsions, emulsion concentrates	2,777 t
Finished products	113 t		Suspensions, suspension concentrates	2,173 t
Packaging	944 t		Other formulations	1,34 t
		Packaging	944 t	
ADJUVANTS AND OPERATING SUPPLIES			EXHAUST AIR	
Lubricants, cleaning materials	212 l / 17 kg		Dust (production facilities)	9 kg
Laboratory chemicals	1,577 l / 31 kg		Dust (utilities)	45 kg
Refrigerants (refilled)	0.4 kg		TOC	340 kg
		CO	109 kg	
		NO _x	2,389 kg	
		CO ₂	1,681 t	
CONSUMPTION OF UTILITIES			WASTE, WASTEWATER	
Electricity	3,781 MWh		Hazardous waste	2,257 t
Natural gas	8,433 MWh		Non-hazardous waste	194 t
Heating oil, light (consumption of remaining inventory)	0 MWh		Industrial wastewater	2,024 t
Fresh water	12,878 m ³			

Detailed water usage is shown on page 56.

DEVELOPMENTS IN 2024 COMPARED TO 2020

– 1%

Stable
production

– 67%

Reduction of absolute and
relative Scope 1 and 2 carbon
emissions by 67 % to
1,633 tons of CO₂ or 0.17 kg of CO₂
per kilogram produced

100%

Use of
green electricity

– 30%

Packaging / kg
production output

– 27%

Waste / kg
production output

– 35%

Reduction of
industrial wastewater / kg
production output

+ 895 MWh

Electricity from
in-house production

INPUT – RAW MATERIALS (material efficiency)

A large percentage of the raw materials (approx. 35%) is provided by customers. The raw materials are delivered to the two raw materials warehouses by trucks. Raw material input fell by around 19% in 2024 compared to the previous year due to lower production volumes, particularly in the tolling business.

INPUT – RAW MATERIALS AND ADJUVANTS	2022 amount (kg)	2023 amount (kg)	2024 amount (kg)
Active substances*	3,242,470	2,540,078	2,124,669
Other raw materials	6,499,915	4,782,329	3,951,718
Finished products (for filling or repackaging)	794,379	239,076	113,037
Packaging (drum, box, labels)	1,702,789	1,268,555	943,507
Total amount	12,239,552	8,830,038	7,132,931
Raw material consumption per kg of product	0.94	0.83	0.74

INPUT – OPERATING MATERIALS (material efficiency)

The bulk of operating materials comprise materials used in plant operation and maintenance of the production and utility supply systems as well as in the laboratory or technical center. Owing to the relatively small volumes, we have not specified the figures per kg of production output.

Operating materials are procured discontinuously – due to the phasing, the annual quantities are only comparable to a limited extent.

INPUT – LIQUID OPERATING MATERIALS	2022 amount (l)	2023 amount (l)	2024 amount (l)
Lubricants	39	42	77
Cleaning agents	104	1,013	136
Laboratory chemicals	1,486	1,643	1,557
Total amount	1,628	2,698	1,770
INPUT – SOLID OPERATING MATERIALS	2022 amount (kg)	2023 amount (kg)	2024 amount (kg)
Lubricants	18	16	17
Laboratory chemicals	39	33	31
Total amount	57	49	48

* Approximately 70 active substances with properties harmful to the environment and health are processed; of these, 24 pose an elevated risk (suspicion of carcinogenicity or reproductive toxicity). Particularly strict exhaust air thresholds apply to the latter substances.

INPUT – CONSUMPTION OF UTILITIES AND ENERGY SOURCES (energy efficiency)

Energy carriers (electricity and natural gas) are supplied partly by external suppliers and partly by the plant's own photovoltaic system. The factors that determine consumption of utilities are production output, product mix (ratio of granules to other types of formulation) and the number of employees. Production output fell by 11% year on year. Total energy consumption fell by 18.7%, and, in terms of production output, 10% less energy was consumed compared to the previous year, which is due to the change in the product mix (fewer energy-intensive wettable granule (WG) formulations were produced) and the in-house production of electricity (PV system). Forklifts powered by liquefied petroleum gas are no longer in use as of 2023; therefore, there is also no more consumption of liquefied petroleum gas.

TYPE OF UTILITY (kWh)	2022 absolute	2023 absolute	2024 absolute	2022 per kg product output	2023 per kg product output	2024 per kg product output
Electricity consumption	5,764,123	5,230,646	3,781,384	0.44	0.49	0.39
Electricity from in-house production*	0	37,360	895,160	0	0	0.09
Consumption of heating oil	2,508,771	11,258	0	0.19	0.001	0
Consumption of natural gas	10,660,540	10,870,387	8,432,590	0.82	1.02	0.88
Diesel consumption	39,966	39,966	47,876			
Gasoline consumption	26,658	26,658	30,438			
Liquefied gas consumption	27,048	0	0			
Total energy consumption (kWh)	19,027,106	16,216,275	13,187,448	1.47	1.50	1.36

*In-house electricity production = total renewable energy generation

INPUT – TOTAL CONSUMPTION OF RENEWABLE ENERGY (energy efficiency)

The input of renewable energy is largely determined by electricity consumption. The total consumption of renewable energy results from both externally sourced electricity and the plant's own photovoltaic system.

OUTPUT – PRODUCTS

PRODUCTION OUTPUT ACCORDING TO FORMULATION TYPES	2022 amount (kg)	2023 amount (kg)	2024 amount (kg)
WG – Wettable granules	3,526,947	2,911,701	2,423,492
EC – Emulsion concentrates	1,250,768	554,349	314,029
SG – Water-soluble granules	1,129,471	977,597	376,155
CS – Micro capsule suspensions	1,746,901	901,442	775,649
FS – Suspension concentrates for seed treatment	1,099,317	1,074,059	964,861
EW – Emulsions in water	1,758,802	2,316,025	2,463,034
SC – Suspension concentrates	523,790	325,203	432,707
MG – Microgranules	673,269	429,910	750,594
Other formulation types	1,249,292	1,118,001	1,134,359
Total production output	12,958,557	10,608,288	9,634,880
Packaging	1,702,789	1,258,555	943,507
Total output	14,661,346	11,876,843	10,578,388

(LICENSED) PACKAGES PUT ON THE DOMESTIC MARKET

PACKAGING TYPE	2022 amount (kg)	2023 amount (kg)	2024 amount (kg)
Paper/cardboard (sales and transport packaging)	55,029	66,476	102,169
Metal packaging (ferrous metals, aluminum)	10,313	8,181	21,232
Hollow containers made of PE and PP	85,721	58,949	60,509
EPS	1,084	714	2,107
Composite materials	1,169	2,990	4,991
Secondary packaging (films)	21,471	11,213	14,902
Glass packaging	17	-3	0
Total	174,804	148,519	205,909

EMISSIONS INTO THE AIR

A significant proportion of air pollutants are emitted as exhaust air from the production facilities in the form of dust and solvent emissions (organic carbon compounds) and as exhaust gases from the steam generators in the form of carbon dioxide, carbon monoxide, nitrogen oxide and dust. With the use of modern exhaust gas purification methods, the official thresholds (based on the Clean Air Guidelines (TA Luft¹) or the relevant legal regulations) are complied with or even operate below those thresholds. Solvents are separated by absorption in wet or inverse wet scrubbers and activated carbon filters, while dust particles are separated by surface filters (dry air filters, aspiration filters). Emission measurements are repeated in accordance with the Combustion Plant Ordinance (Feuerungsanlagen-Verordnung) at the intervals prescribed officially (1 to 5 years).

EMISSIONS	2022	2023	2024
Total emissions in kg	5,612	5,467	5,263
Total emissions per kg of product (in g)	0.43	0.51	0.55



¹) Technical Instructions on Air Quality Control (administrative regulation to the German Federal Immission Control Act (Bundes-Immissionsschutzgesetz)); as there is no corresponding administrative regulation in Austria, the Technical Instructions on Air Quality Control are generally used as an aid to interpretation by experts, administrative authorities, and the courts.

PRODUCTION FACILITIES – Officially prescribed emission thresholds and measured values 2024

TYPE OF PLANT	PARAMETER	UNIT	THRESHOLD	MEASURED VALUE ²⁾
Wet scrubbers of the fluidized bed granulation facilities and production facilities for liquid products	Dust	mg/m ³	1.00	0.001 – 0.20
	TOC ³⁾	mg/m ³	20.00	2.00 – 2.80
Dry air filters in the fluidized bed granulation facilities	Dust	mg/m ³	1.00 (0.05) ⁴⁾	< 0.001 – 0.029
	TOC	mg/m ³	20.00	0.7 – 2.00
Aspiration filters in the preparation containers and the sieving machines and filling facilities	Dust	mg/m ³	1.00 (0.05) ⁴⁾	< 0.001 – 0.64
	TOC	mg/m ³	20.00	0.30 – 3.3

BOILER FACILITIES – Officially prescribed emission thresholds and measured values

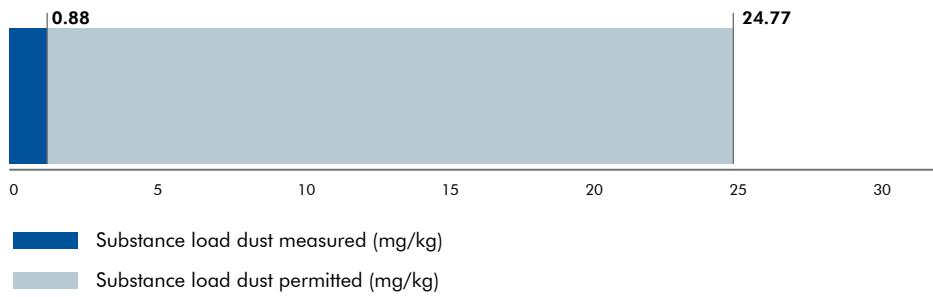
TYPE OF PLANT	PARAMETER	UNIT	THRESHOLD	MEASURED VALUES
Steam generators ⁵⁾ (Natural gas) Measured values 2023 and 2024	CO	mg/m ³	80	3 – 8
	NO _x	mg/m ³	100	51– 91
	Dust	mg/m ³	5	< 3
Boiler systems for Heat generation ⁶⁾ (Natural gas) Measured values 2023	CO	mg/m ³	80	7 – 9
	NO _x	mg/m ³	120	not measured

²⁾ The range of values varies due to the variability of the substances processed and also due to the varying efficiency of the filters ³⁾ Total carbon ⁴⁾ Substances with reprotoxic effects ⁵⁾ Emission thresholds based on the Emission Control Act for Boiler Plants (Emissionsschutzgesetz für Kesselanlagen) ⁶⁾ Emission thresholds based on the Combustion Plant Ordinance (Feuerungsanlagenverordnung)

EMISSIONS OF DUST UND ORGANIC CARBON FROM PRODUCTION FACILITIES

The following diagrams show the loads of emissions of dust and organic carbon in relation to production output. Our state-of-the-art facilities fall below the emission limits required by the authorities.

RELATIVE DUST LOAD (production)



RELATIVE CARBON LOAD (production)

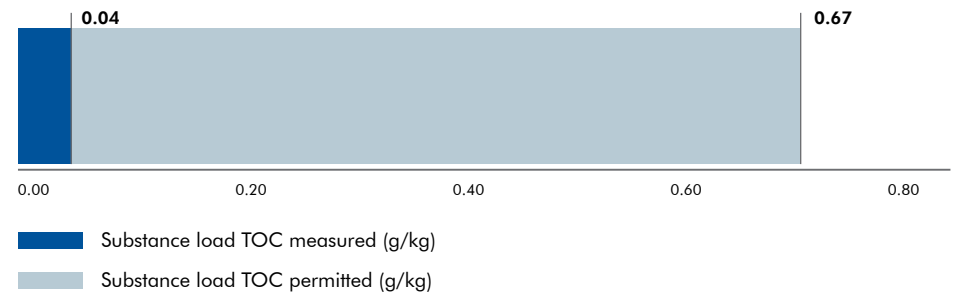


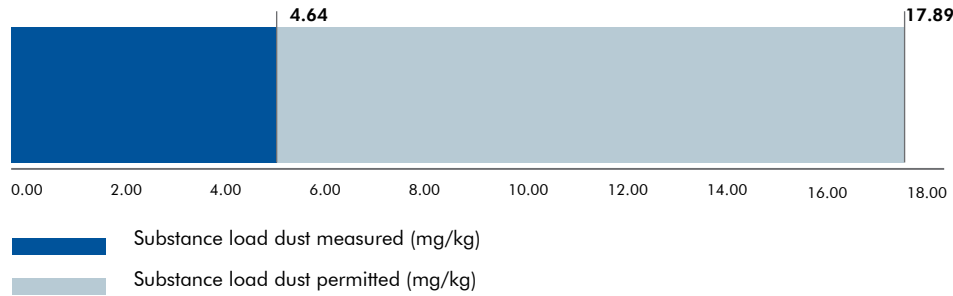
Figure of dust filter, activated carbon



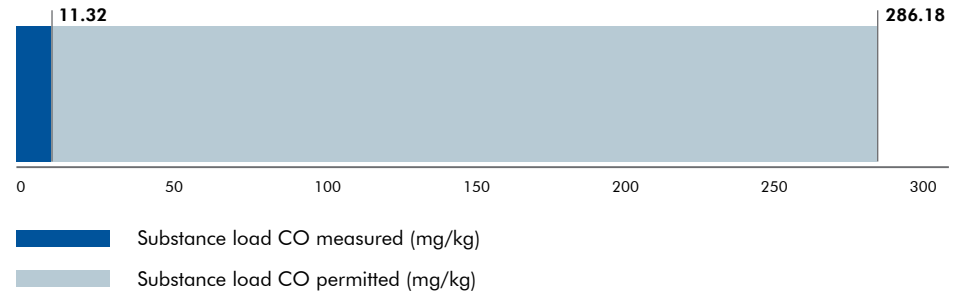
EMISSIONS OF CO, NO_x, DUST FROM THE BOILER PLANTS (STEAM AND HEAT GENERATION)

The following diagrams show the loads of pollutant emissions from the boiler facilities used for steam and heat generation in relation to production output.

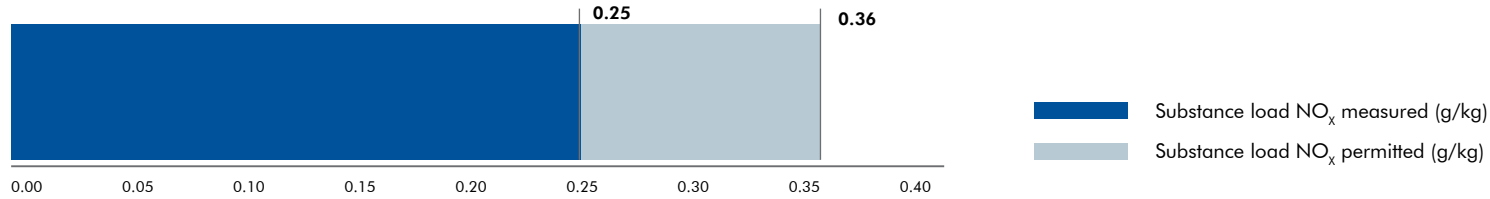
RELATIVE DUST LOAD from the supply of utilities



RELATIVE CARBON MONOXIDE LOADS from the supply of utilities



RELATIVE NO_x LOADS from the supply of utilities



SOUND/NOISE EMISSIONS

The local level of noise is determined by the traffic on the S1 expressway and Laaer Straße. Acoustic emissions from the operating facilities do not exacerbate local noise levels since the roads mentioned above largely determine the noise level in the surrounding neighborhood.

GREENHOUSE GASES SCOPE 1 AND 2 EMISSIONS IN TONS OF CO₂ EQUIVALENT

	2022	in t CO ₂ 2023	2024	Reduction in % 2024 vs. 2022
Stationary incineration	2,823	2,188	1,611	43%
Mobile incineration	17	17	21	-24%
Liquid gases / refrigerants	15	42	1	94%
Total Scope 1	2,856	2,248	1,633	43%
Total Scope 2 location based	1,049	953	588	44%
Total Scope 2 market based	2,059	0.00	0.00	100%
Total Scope 1 + 2 location based	3,905	3,201	2,220	43%
Total Scope 1 + 2 market based	4,914	2,248	1,633	67%
Total Scope 1+2 intensity-based market based (CO₂/ kg)	0.38	0.21	0.17	55%
Production in tons	12,959	10,680	9,635	26%

Stationary incineration: includes natural gas, heating oil and diesel consumption for the emergency generator. Heating oil consumption was completely discontinued in 2024. In addition, natural gas consumption per ton produced was significantly reduced thanks to improved campaign planning.

Mobile incineration: includes the Kwizda Agro vehicle fleet. Internal transportation within the plant was already converted to electric vehicles in 2023.

Electricity: Electricity consumption in 2024 caused no CO₂ emissions as the electricity has been sourced from 100% certified green sources since 2023 (UZ-46). In 2024, 895 MWh of electricity was also produced for the first time by the company's own photovoltaic system with a grid feed-in of 105 MWh.

INPUT – FRESH WATER CONSUMPTION

Fresh water is supplied by the Leobendorf authorities. The factors that determine consumption of fresh water are production output, product mix (ratio of granules to other types of formulation), the number of product changes (cleaning production equipment following a change of product) and the number of employees. Fresh water consumption fell by 5.93% in 2024.

TYPE OF UTILITY	2022 absolute	2023 absolute	2024 absolute	2022 per kg product output	2023 per kg product output	2024 per kg product output
Fresh water consumption (m ³)	16,768	13,690	12,878	1.29	1.29	1.21

WATER CONSUMPTION	VALUES	2022 (m ³)	2023 (m ³)	2024 (m ³)
Fresh water consumption	Measured	16,768	13,690	12,878
Construction water and green space irrigation	Measured	700	623	25
Net consumption less construction water and green space irrigation	Calculated	16,068 (+ 22.9%)	13,067 (-18.7%)	12,853 (-1.6%)
Industrial water				
Utilization in production	Calculated	5,466	5,173	5,004
Washing water	Calculated	3,562	2,781	2,024
Additional dosage for scrubbing towers	Calculated	3,622	3,117	2,875
Process water				
Steam generation	Calculated	430	430	430
Drinking water				
Water supply to staff facilities	Calculated	2,988	1,566	2,521
Wastewater				
Disposal of industrial wastewater	Measured	3,562	2,781	2,024
Feed-in to public channel	Measured	6,555	6,935	6,302
Feed-in to sewage pit	Measured	209	192	79

INDUSTRIAL AND DOMESTIC WASTEWATER

A percentage of fresh water (approx. 39%) is processed in the products (in particular in liquid products) or is emitted again as steam during the production process or during purification of exhaust gases. A further percentage (approx. 16%) is used to clean the facilities and ends up in the industrial wastewater system.

Approx. 20% of fresh water is used in shared areas (kitchens, toilets, showers). Together with the wastewater generated by steam generation and water purification, it is fed via the public sewerage system into the sewage plant of the Korneuburg sewage treatment company.

INDUSTRIAL WASTEWATER FED INTO THE PUBLIC SEWAGE NETWORK

Officially prescribed wastewater thresholds and measured values 2023

TYPE OF INDUSTRIAL WASTEWATER	PARAMETER	UNIT	THRESHOLD	MEASURED VALUE
Steam generators (Mixer cooler)	Substances that can be filtered out	mg/l	150.00	< 10.00
	pH-value	-	6.50 – 9.50	7.70
	Total chromium (as Cr)	mg/l	0.50	< 0.002
	Copper (as Cu)	mg/l	0.50	0.0042
	Hydrazine (as N ₂ H ₂)	mg/l	2.00	< 0.02
	Sulfite (as SO ₃)	mg/l	10.00	< 0.05
	Adsorbable organic halides AOX (as Cl)	mg/l	0.50	< 0.01
	Total hydrocarbons	mg/l	15.00	< 0.05
Water purification (Ion exchanger, Reverse osmosis facility)	Substances that can be filtered out	mg/l	150.00	< 10.00
	pH-value	-	6.50 – 9.50	7.5 – 7.7
	Adsorbable organic halides AOX (as Cl)	mg/l	1.00	< 0.01
	Free chlorine (as Cl ₂)	mg/l	0.20	< 0.05

WASTE, INDUSTRIAL WASTEWATER

In addition to production output, the key factors for the generation of waste are the product mix, the number and scope of unplanned maintenance activities (repairs), the number and scope of conversion or construction projects and the number of employees. At over 90%, the majority of waste is made up of liquid industrial wastewater. This is washing water that occurs when cleaning production equipment as a result of product changes. The key factor for the generation of industrial wastewater is the number of product changes. This wastewater contaminated with active substances is collected via a separate wastewater collection system, chemically and physically treated in a CPO plant and discharged into the receiving water via the Vienna municipal wastewater treatment plant.

In future, industrial wastewater is to be reduced through internal treatment and reuse (as washing water). An associated pilot project has already been successfully implemented – see Environmental Program 2025.

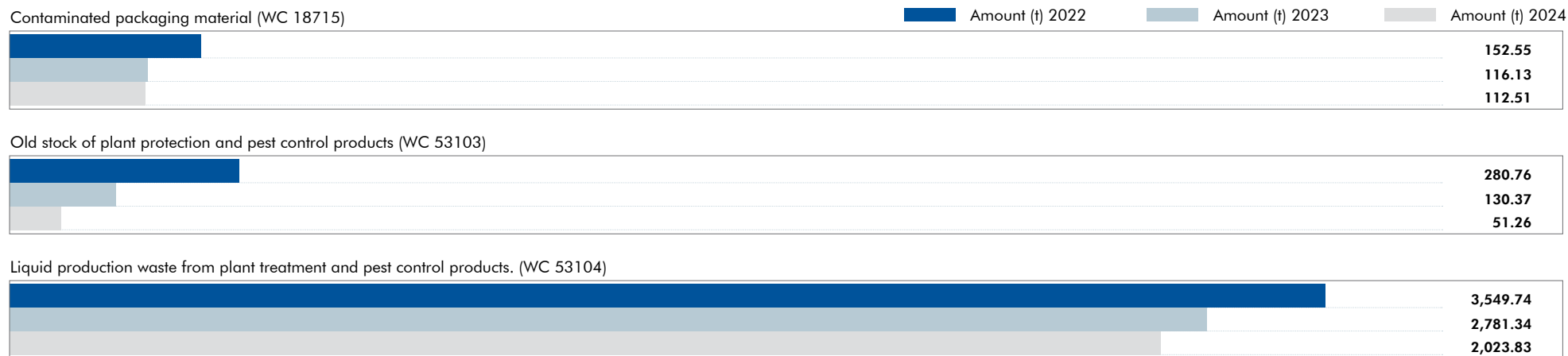
HAZARDOUS WASTE (in relation to production)

TYPE OF WASTE	WC	AMOUNT (t) 2022	AMOUNT (t) 2023	AMOUNT (t) 2024
Liquid production waste from plant treatment and pest control products	53104	3,549.74	2,781.34	2,023.83
Old stock of plant protection and pest control products	53103	280.76	130.37	51.26
Packaging material contaminated by impurities or residues	18714	152.55	116.13	112.51
Total		3,983.05	3,027.84	2,187.60
Total waste per kg of product (in kg)		0.41	0.31	0.23

BIODIVERSITY AND ASSOCIATED INDICATORS

SURFACE AREA USED	2022	2023	2024
Area of the factory site (m ²)	92,000	92,000	92,000
Semi-natural space on the factory site (m ²)	78	78	78
Built-up area (m ²)	13,425	20,805	20,805
Percentage of built-up area (%)	14.59	22.61	22.61

The site is not located in or in the vicinity of a biodiversity area in need of protection.

AMOUNT OF HAZARDOUS WASTE GENERATED 2022 2023 2024

In 2024, we achieved a further significant reduction in the amount of liquid production waste from plant treatment products and pesticides (WC 53104). The relative output-adjusted decrease amounted to approx. 20% (from 0.26 kg/kg production output to 0.21 kg/kg production output). This was accomplished by means of better campaign planning with longer campaigns, which resulted in fewer product changes. In 2025 and 2026, a further relative decrease in industrial wastewater is expected following the commissioning of the wastewater recycling plant.

Adjusted for production, the amount of contaminated packaging waste stabilized at the 2023 level of approximately 11 g/kg of production output. The corresponding figure for old stocks of plant treatment products and pesticides decreased from 12 to 5 g/kg of production output, but this is not representative due to the discontinuous disposal intervals.

TOTAL WASTE GENERATED

TYPE OF WASTE	WC	AMOUNT (t) 2022	AMOUNT (t) 2023	AMOUNT (t) 2024
Liquid production waste from plant treatment and pest control products	53104	3,549.74	2,781.34	2,023.83
Old stock of plant protection and pest control products	53103	280.76	130.37	51.26
Plastic packaging and containers with hazardous residues	57127	0.94	0.37	4.39
Packaging material contaminated by impurities or residues	18715	152.55	116.13	112.51
Used filters and suction pads with hazardous impurities	31435	0.00	5.68	0.00
Iron and steel waste, contaminated	35103	101.29	73.24	63.14
Ferrous metal packaging and containers with hazardous residues	35106	1.50	2.32	1.46
Solid grease and oil contaminated operating supplies (workshops, industrial and petrol filling station waste)	54930	0.59	0.60	0.81
Unsorted or hazardous laboratory waste and chemical residues	59305	0.05	0.11	0.06
Gas discharge lamps/fluorescent tubes	35339	0.00	0.08	0.00
Solvent mixtures without halogenated organic compounds	55370	0.11	0.00	0.00
Waste oil	54102	0.20	0.00	0.00
Total hazardous waste in t		4,087.73	3,110.24	2,257.46
Total hazardous waste per kg of product (in kg)		0.31	0.29	0.23
Light fraction from the collection of packaging waste not licensed, IBC containers, etc.	91207	6.18	5.24	5.24
Municipal waste and similar commercial waste	91101	26.47	23.36	20.94
Cardboard packaging, not licensed	91201	75.09	57.56	45.79
Other cured plastic waste	57129	0.00	1.13	0.12
Waste paper (paper and pasteboard/cardboard) not coated	18718	1.37	0.84	0.01
Bulky waste	91401	18.06	14.06	14.58
Electrical and electronic appliances – large appliances with length > 50 cm	35221	0.00	0.00	0.00
Electrical and electronic appliances – small appliances with length < 50 cm	35231	0.00	0.00	0.00
Clear glass/colored glass	31468	0.61	0.73	0.93
Construction and demolition wood, treated with substances		35.80	192.96	105.34
Total non-hazardous waste in t		162.86	295.88	192.95
Total non-hazardous waste per kg of product		0.01	0.03	0.02
Total waste in t		4,149.29	3,333.59	2,451.53
Total waste per kg of product and absolute (in kg)		0.32	0.31	0.25

STATEMENT ON COMPLIANCE WITH LEGAL OBLIGATIONS

Kwizda Agro GmbH operates a certified and validated environmental management system in accordance with ISO 14001 and EMAS at the Vienna sites (head office on Leonard-Bernstein-Straße) and at both production sites (Leobendorf and Val-d'Izé). All targets and actions relating to environmental protection are part of this integrated management system. Ensuring legal compliance is also embedded in the integrated management system.

To assist employees in handling laws, regulations and standards, we have introduced legal compliance software (Red on Line – ROL for short) for commercial, environmental and occupational health and safety law. This software contains the current legal register and can be accessed online at any time. The data is regularly updated by the provider, and there is also a link to the relevant original legal text in the RIS or EURLEX. The legal obligations arising from the legal register are evaluated, and recurring actions are defined in the IMS software for tracking and processing where necessary.

Legal compliance software has been established for approval management. All permits and associated documents (submission documents, reviews according to trade law, negotiation documents, verification documentation, procedural orders, notifications and other correspondence) are stored electronically along with the relevant master data. The actions relating to decisions issued by public authorities are also documented and tracked in the IMS software.

Recurring inspection obligations are managed in SAP or (for air and wastewater emissions) in the IMS software.

Other binding obligations (industry standards, such as the standards for avoiding cross-contamination) are embedded in the operational processes.

Kwizda Agro GmbH hereby declares that all applicable legal obligations have been identified, that the individual requirements are complied with and that the relevant evidence can be submitted in full at any time. Furthermore, Kwizda Agro GmbH declares that – with regard to the Leobendorf site assessed according to EMAS-V and the organizational units of Leobendorf, Val-d'Izé and the headquarters (Leonard-Bernstein-Straße) certified according to ISO 14001 – that no administrative or civil criminal proceedings are pending either against the company or against any of the bodies authorized to represent it due to environmental offences according to EU, federal or provincial laws, any regulations published for such purposes or any decisions/contracts. The environmental proceedings against Kwizda Agro GmbH at the Leobendorf site were discontinued in spring 2024, allowing an entry in the EMAS register of the Federal Environment Agency to take place in October 2024.

DECLARATION OF VALIDITY OF THE ENVIRONMENTAL STATEMENT

ETA Umweltmanagement GmbH, as an accredited environmental verification organization in accordance with the Austrian Environmental Management Act (UMG), Federal Gazette I 99/2004, as amended, with registration number AT-V-0001, attests that



Kwizda Agro GmbH, Leobendorf plant

Laaer Bundesstraße / Kwizda Allee 1, A-2100 Leobendorf

meets all the requirements of Regulation (EC) No 1221/2009 of the European Parliament and of the Council of November 25, 2009 on the voluntary participation by organizations in a Community eco-management and audit scheme (EMAS), as amended by Regulation (EU) No. 1505/2017 and No. 2026/2018, as described in this Environmental Statement 2025.

We attest that

- the assessment and validation were carried out fully compliant with the requirements of Regulation (EC) No 1221/2009, in the version of Regulation (EU) No 1505/2017 and No 2026/2018;
- there is no evidence of non-respect of applicable legal requirements relating to the environment. As environmental experts we have also ascertained the progress made with the remediation measures. These are complied with as prescribed with the remedial plan of the authorities.
- the data and information given in the Environmental Statement reflect a reliable, credible and correct image of all the activities of the organization within the scope stated.

The next comprehensive Environmental Statement will be published in 2027.
Updated and validated Environmental Statements will be published each year.

Vienna, August 11, 2025

Manfred Mühlberger
Senior Environmental Expert

A handwritten signature in black ink, appearing to read "Manfred Mühlberger". The signature is written in a cursive, flowing style.

PRESENTATION OF THE NEXT ENVIRONMENTAL STATEMENT

The date for presentation of the next environmental statement is April 30, 2026.

INDIVIDUALS RESPONSIBLE FOR THE CONTENT:

Karl-Heinz Ludwig, Leitung Operations

Chris Muri, Leitung Qualitätsmanagement & Compliance

Catalina Bardewyk, Sustainability & ESG

Thomas Salzl, Werk Leobendorf Operations Manager

Sonja Mödritscher, Qualitätsmanagement & Compliance Specialist

LIST OF ABBREVIATIONS

cm – centimeter | CO – carbon monoxide | Dr – Doctor (academic title) | EC (legal) – European Community | EC (chemical) emulsion concentrates | e.g. – for example | ESG – Environmental, Social and Governance | Fig. – figure | g – gram
incl. – including | kg – kilogram | kWh – kilowatt-hour | l – liter | m – meter | mg – milligram | NOx – nitrogen oxides | PE - polyethylene | PP – polypropylene | SC – suspension concentrates | SG – water-soluble granules | WC – waste code
t – metric ton | WG – wettable granules

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