

The background of the entire page is a scenic landscape photograph. It shows a vast, green valley with rolling hills and a winding road. In the foreground, there is a prominent, dark, rocky cliff face. The sky is filled with dramatic, golden clouds, suggesting a sunrise or sunset. The overall mood is serene and natural.

2023
Environmental
| for the years 2020 to 2022

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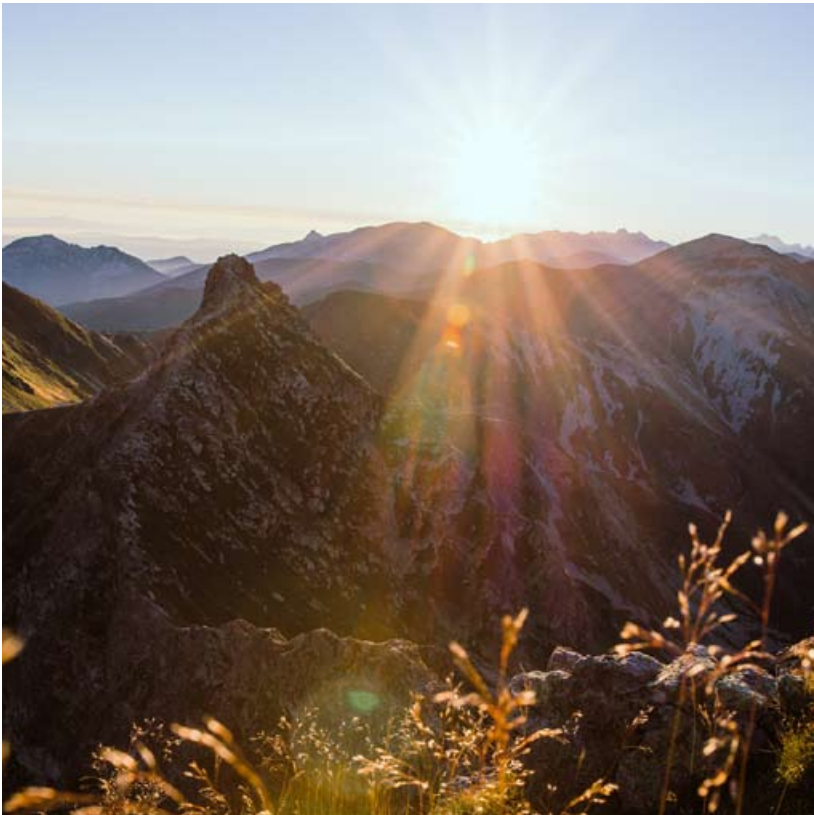
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SUSTAINABLE CHANGE

The solution for our industry

As a family business with a history that spans generations, we consider it our duty to take responsibility for future generations. As a result, our company strategy has focused on the development of environmentally friendly coating solutions for over 30 years. This means both our focus on low-VOC or VOC-free coating systems and the development of applications that enable our customers to sustainably reduce their carbon footprint in the coating process. In this way, we want to make an active contribution to preserving a world worth living in for future generations while meeting future market requirements.

As a member of the German Chemicals Industry Association (VCI) and the German Coatings and Printing Inks Industry Association (VdL), we actively promote the concept of responsible care. It is the Lankwitzer Group's task, in its daily activities and in the value chain in the production of our products, to prevent and continuously reduce environmental pollution and to prevent waste or recycle it in an environmentally responsible manner as far as this is technically possible and within the scope of proportionality.

In concrete terms, this means that LANKWITZER will replace critical substances that are hazardous to the environment and health.

A key task in the context of environmental management is continuously improving environmental processes, in particular using (fresh) water, energy and raw materials economically as well as preventing losses and CO emissions.

Our environmental statement aims to provide our employees, customers and the public with information about the environmental activities we have carried out in recent years and those planned for the coming years.



2. ENVIRONMENTAL

2.1. Industry goals for sustainable development – Sustainable Development Goals



Substituting hazardous substances

Ensuring a healthy life for all people of all ages and promoting their wellbeing by „substituting hazardous substances in paints, lacquers and printing inks“



Ensuring high-quality education

Ensuring equal and high-quality education and providing opportunities for lifelong learning for all by „promoting training and professional development in the coatings and printing inks industry“



Protecting and sustainably using water

Protecting water as a basis for life worldwide by „making it accessible and sustainably managing water and sanitation“



Ensuring good working conditions

Creating and maintaining a good working environment by means of „sustainable economic growth, productive full employment and decent work“



Promoting research and development

Building a resilient infrastructure, enabling sustainable industrialisation and supporting innovations by „promoting research and development for more sustainable products and processes of the coatings and printing inks industry“



Determining a carbon footprint

Ensuring sustainable consumption and production patterns by „assessing the carbon footprint of paints, lacquers and printing inks“ over the entire life cycle



Improving energy efficiency

Taking measures to combat climate change and its effects by „increasing energy efficiency in the coatings and printing inks industry“



Achieving goals

Achieving goals together by „strengthening means of implementation and entering global partnerships for sustainable development“

For Lankwitzer Lackfabrik GmbH, the guiding principle of sustainable development is one of the cornerstones of a future worth striving for. Our products help to improve the level of protection for people and the environment.

We actively support the goals of the chemical (VCI) and coatings industry (VdL) by our measures for continuous improvement of our products and processes. This is based on the VdL's key industry goals, derived from the Sustainable Development Goals (SDGs) of the United Nations (UN).

Clean supply chain



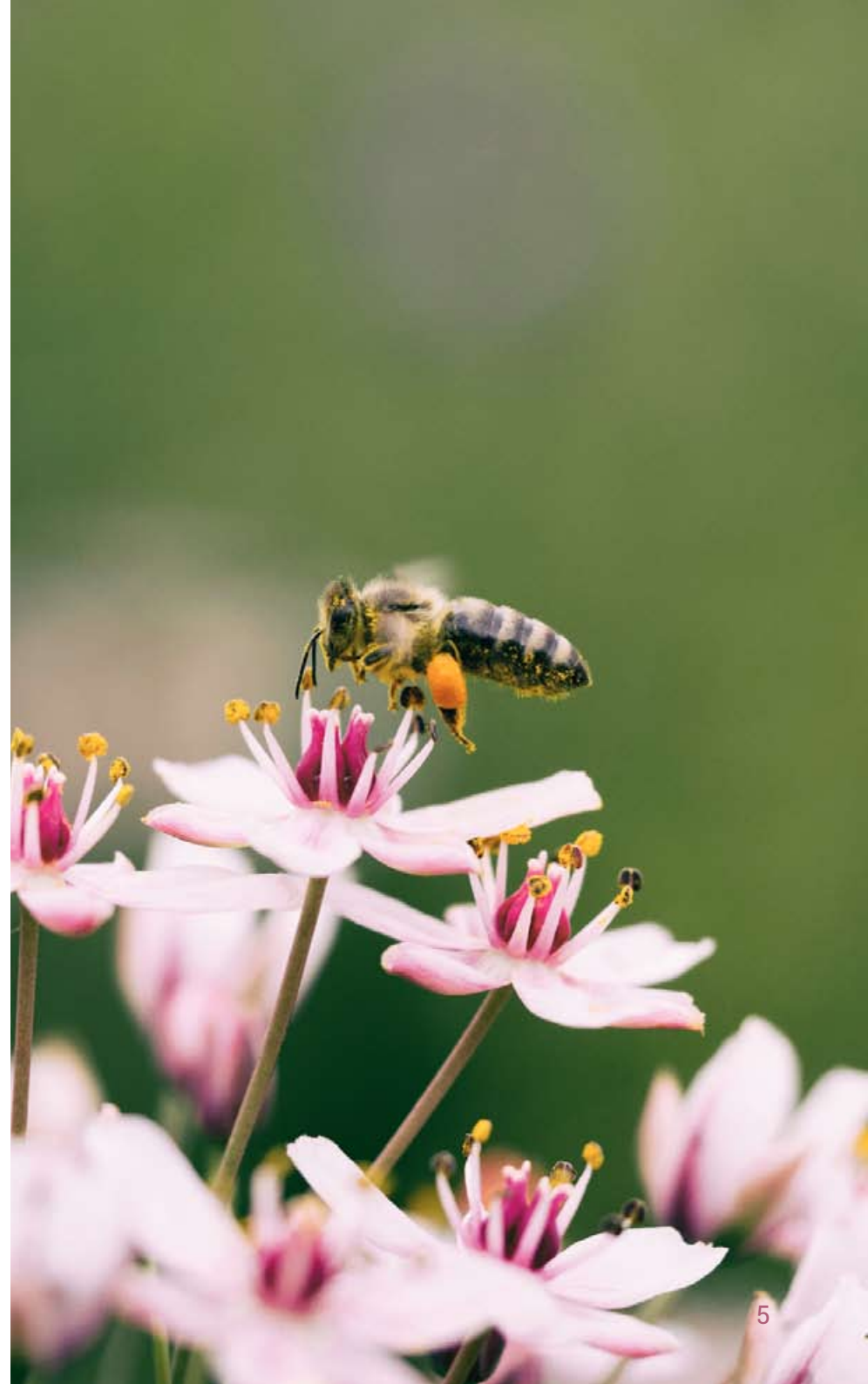
Our chemical supply chain redefines sustainability.

From carefully selecting renewable raw materials to consistently minimising environmental risks in production – every link in our chain is used to protect our environment and ensure high-quality products.



Responsibility starts with selecting the raw materials:

We focus on sustainable procurement to minimise environmental risks. Using progressive technologies and strict controls in our supply chain, we not only guarantee quality but also a careful approach to our environment in the chemical industry.



2.2. Sustainable coating process

The LANKWITZER Group has focused on the development of environmentally friendly products for many decades. For a holistic approach, however, we must look not only at emissions and the carbon footprint of the coatings but also analyse the entire coating process. Energy-intensive thermal drying processes are essential for the carbon footprint of industrial coating.

The LANKWITZER Group is therefore committed to the further development of coating solutions which are energy-free or low-energy in the curing process:

▶ UV coatings:

UV coatings are practically solvent-free. As the energy consumption for drying is very low, UV coatings are also extremely environmentally friendly and therefore make an active contribution to environmental protection. Finally, our UV paint is highly cost-efficient for the consumer, as it enables a 100 % coating yield due to its recyclability and therefore requires only a small amount of material.

▶ EvoKure:

The EvoKure coating system combines speed, flexibility and ecology in the coating process. EvoKure, the completely new coating technology, is characterised by extremely fast drying behaviour – even at room temperature – and full processing flexibility. The system is processed isocyanate-free, and as a result it meets tomorrow's environmental requirements today.



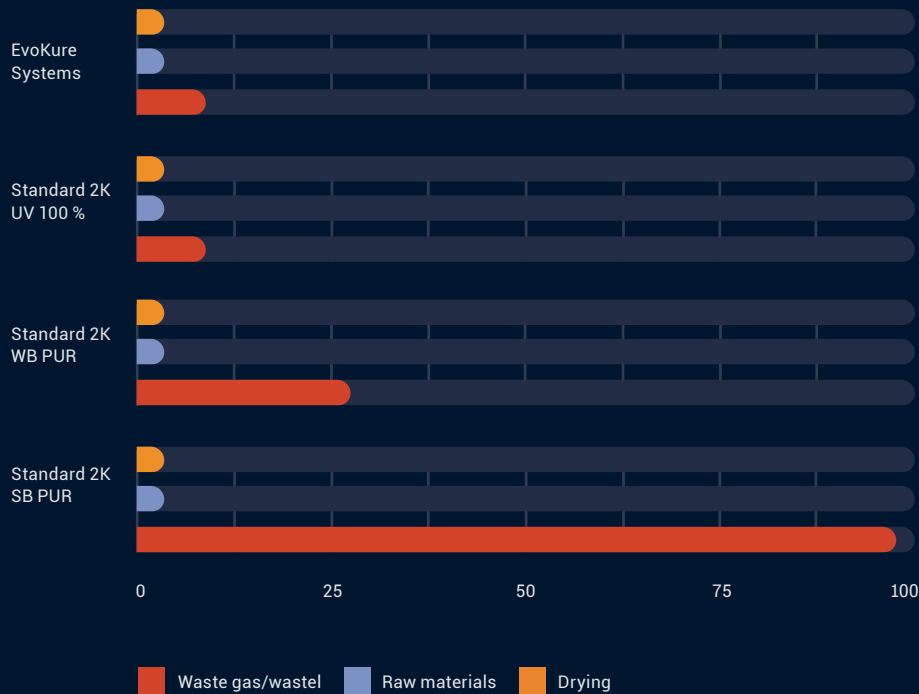
Sustainable products ensure sustainable processing

The graphic below describes the significant advantages of EvoKure and UV coatings compared to conventional coating systems, particularly in terms of waste

avoidance, the reduction of volatile organic compounds (VOCs) and overall improvement of a coating company's carbon footprint.

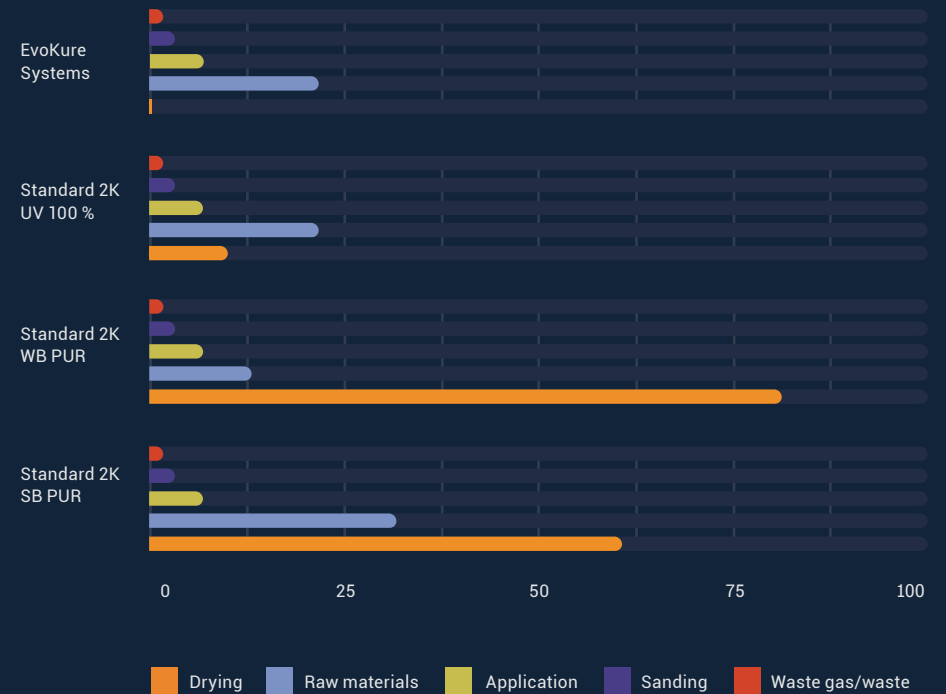
Ozone creation potential | coated area = 1 m²

Kg ethylene (eq/m²)/relevant scale %



Breakdown of the carbon footprint | coated area = 1 m²

Kg CO₂ (eq/m²)/relevant scale %



3. ENVIRONMENTAL FIGURES AND TARGETS

3.1. Land consumption

	2020	2021	2022
Area, total (m ²)	118.489	118.489	118.489
Built area (floor space) (m ²)	25.012	25.012	25.012
Traffic area (m ²)	36.000	36.000	36.000
Green areas and meadows (m ²)	57.477	57.477	57.477

3.2. Vehicle fleet

	2020	2021	2022
Passenger cars, total	45,50	47	47
Combustion engine	45,50	47	47
Hybrid	0	0	0
Electric drive	0	0	0
Forklift trucks (diesel, gas)	4,50	1,50	4,50
Forklift trucks (electric)	19	19	19

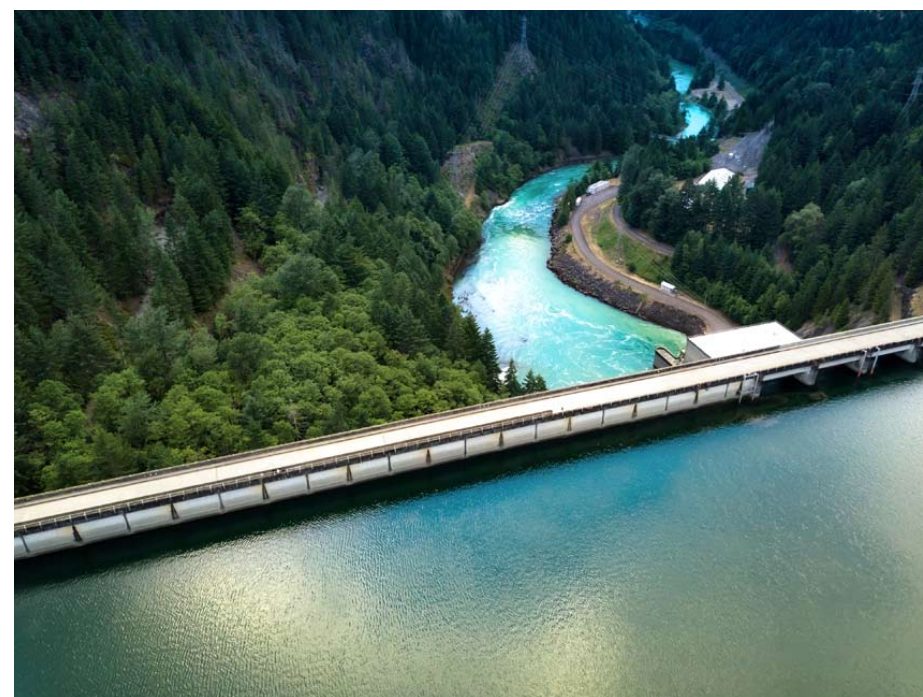


3.3. Water

	2020	2021	2022
Water, total (m ³)	5.002	4.262	6.600
Process water (m ³)	0	0	0
Water as a raw material (m ³)	0	0	0
Water consumption (m ³ /t)	1,39	1,15	1,59
Waste water, total (m ³)	3.692	4.085	4.326

3.4. Energy

	2020	2021	2022
Energy, total (kWh)	6.570.428	7.124.751	6.801.914
Electricity (kWh)	2.777.915	2.980.633	2.886.677
Electricity (external) from non-renewable sources (kWh)	972.270,25	1.165.427,50	1.128.690,71
Electricity (external) from renewable energies (kWh)	1.805.644,75	1.815.205,50	1.757.986,29
Electricity (internal) from renewable energies (kWh)	0	0	0
Heating oil (kWh)	3.015.650	3.241.930	3.190.680
Liquid petrol gas (kWh)	57.000	67.990	62.020
Gas (kWh)	719.863	834.198	662.537
Energy efficiency (kWh/t)	1.757,10	1.813,47	1.686,01



3.5. Products

	2020	2021	2022
Finished products (t)	10.700,14	12.445,02	12.183,20
UV products (t)	1.029,75	1.746,88	2.363,5
Hydro products (t)	1.533,14	1.937,46	2.269,03
Conv. products (t)	8.142,85	8.760,68	7.550,67

3.6. Material efficiency

	2020	2021	2022
Quantity of raw material (t)	10.723,68	13.230,80	13.691,70
Resins (t)	4.710,78	6.132,58	6.536,10
Solvents (t)	2.829,45	3.381,52	2.868,30
Pigments (t)	717,25	802,35	814,60
Fillers (t)	911,72	1.015,50	960,20
Additives (t)	392,43	588,52	718,60
Others (t)	1.162,05	1.310,33	1.793,90
Efficiency of raw material use (t/t)	1,00	1,11	3,47



3.7. Waste

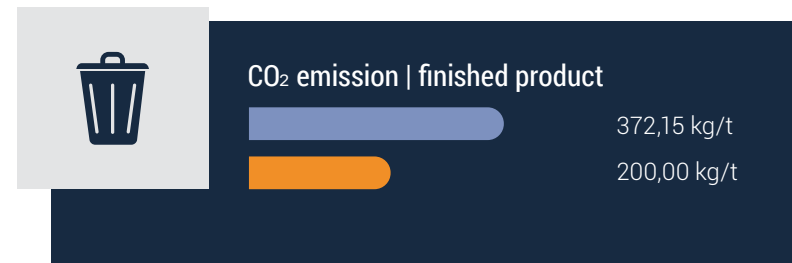
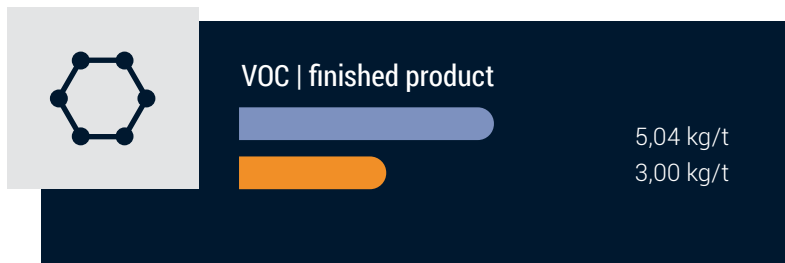
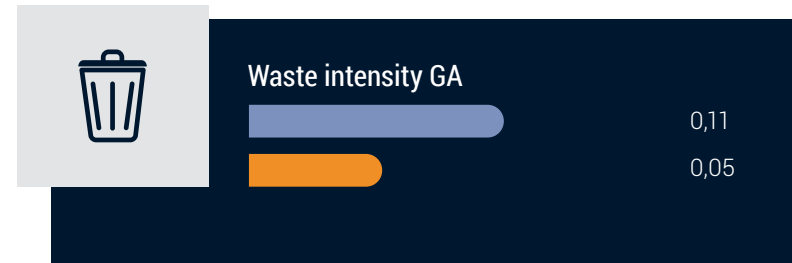
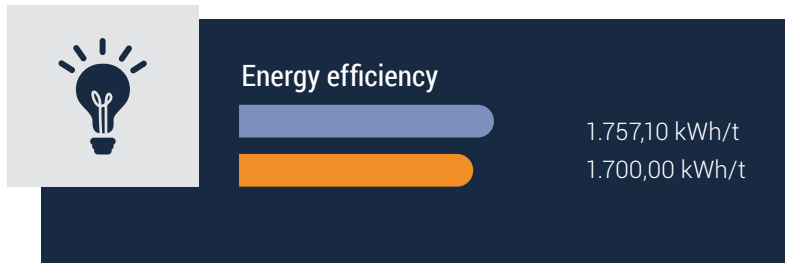
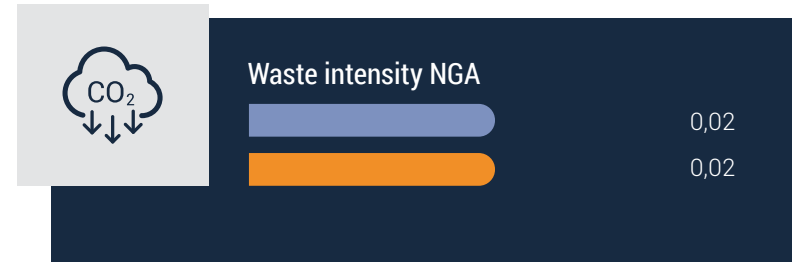
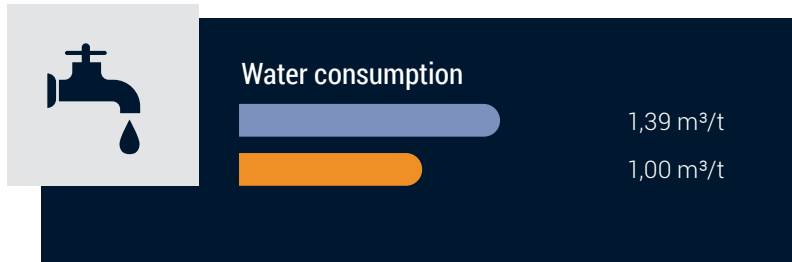
	2020	2021	2022
Quantity of waste (t)	405,27	341,93	401,27
Non-hazardous waste (t)	46,23	49,96	58,79
Domestic waste (t)	7,40	7,70	9,20
Bulky waste (t)	0	0	1,94
Green waste (t)	0	5,01	2,64
Electronic waste (t)	0,14	0	0,67
Filter material (t)	2,63	4,64	2,36
Mixed packaging (t)	16,90	16,49	15,16
Recycled paper sacks (t)	11,37	8,32	19,02
Waste paper (t)	7,80	7,80	7,80
Hazardous waste (t)	359,04	291,97	342,48
Oil/water mixture (t)	0,24	0	0,32
Cleaning rags (t)	1,36	1,49	1,92
Paint and varnish waste (t)	148,52	80,65	127,28
Paint or varnish sludge (t)	134,30	139,83	144,92
Cleaning thinners (t)	74,62	70,00	68,04
Waste intensity NGA	0,02	0,02	0,02
Waste intensity GA	0,11	0,08	0,09

3.8. Emissions

	2020	2021	2022
CO ₂ , total (t)	1.394,32	1.566,28	1.500,21
CO ₂ , heating (internal) (t)	960,69	1046,50	996,82
CO ₂ , electricity (external) (t)	433,63	519,78	503,40
CO ₂ emission, finished product (kg/t)	372,15	404,15	374,83
Organic solvents (VOC) (t)	16,31	18,52	23,74
VOC, finished product (kg/t)	5,04	5,17	6,68
Sulphur dioxide (t)	0	0	0
Nitrogen oxides (t)	0	0	0
Particulate matter (t)	0	0	0
Other emissions (t)	0	0	0
Other emissions, finished product (kg/t)	0	0	0



3.9. Graphic illustration of corporate goals



■ 2020 ■ Goals 2030

4. ROADMAP – Our corporate activities

Measures and activities to increase environmental performance

Mobility

Lankwitzer Lackfabrik is strongly committed to sustainable mobility and pursues a range of environmental measures to minimise its environmental impact in the area of mobility.

Promoting the car-free movement of employees

We have set up covered bicycle parking lots in Osterwieck and Berlin for the convenience of our employees. This measure aims to encourage our employees to switch increasingly to bicycles as an environmentally friendly means of transport. This not only reduces CO₂ emissions but also promotes the health and wellbeing of our workforce.

E-mobility

We are investing in e-mobility and creating infrastructure to promote environmentally friendly transport options.

We have already installed charging points for electric vehicles on our premises. They are available to both our guests and our employees.

We are determined to push ahead with the introduction of e-mobility in our company cars.

As a first step, only fully electric vehicles will be considered for new purchases where this is feasible in terms of range and charging options. If there are further increases in range and the charging infrastructure improves at the same time, we will then only purchase electric vehicles.



Water

As part of our commitment to sustainability and environmental protection, Lankwitzer Lackfabrik attaches particular importance to using water responsibly. We are well aware of the importance of this resource to our company and the environment and have therefore implemented specific measures when it comes to water as a way of minimising our environmental footprint. Here are some of our key initiatives:

Process wastewater

We are proud to have taken a decisive step towards environmental protection by not discharging process wastewater. This means that all waste water generated during our production processes is treated or recycled in-house without it harming the environment.

Cooling water

As part of our efforts to reduce water consumption, we operate a closed circuit system for our cooling water. We have dedicated ourselves to the fight against evaporation losses. This includes measures such as using covers and special evaporation inhibitors to ensure that as little water as possible is wasted.

Lawn irrigation

As a company, we are committed to minimising our water consumption. This also includes the discontinuation of lawn sprinkling on our factory premises.



Energy

As part of its commitment to sustainability, Lankwitzer Lackfabrik has pledged to implement energy-efficient measures to minimise its environmental footprint and help protect the environment. When it comes to energy, we should highlight the following steps and measures which are presented in the current sustainability report:

Power supply

Lankwitzer Lackfabrik has developed a comprehensive plan to install solar systems on its company premises. These systems use the sun's inexhaustible energy to generate some of the electricity required. Specifically, two systems with a combined output of 300 kWp are being planned at the Berlin plant, with two further systems with an output of 450 kWp at the Osterwieck plant.

The consumption of electricity that we have not generated in our own solar systems is gradually being replaced by electricity generated from renewable sources such as wind and hydroelectric power plants. The aim is for 100% of electricity to come from renewable sources by 2030.

Power grids

In the pursuit of environmental responsibility and efficiency, we have taken measures at the Osterwieck plant to completely renew our power grid so as to maximise the use of renewable energies and optimise energy efficiency.

Heat supply

To optimise energy consumption in production, Lankwitzer Lackfabrik has replaced its older burners with ultra-modern, energy-efficient models. This not only enables savings in terms of fuel consumption but also helps to reduce emissions. The next step is to replace the heat supply in the form of combustion by heat pumps.

Emissions

Lankwitzer Lackfabrik has resolved to make a significant contribution to sustainability in product development. A key objective is to reduce the proportion of solvents in our products. This step is crucial, as the high solvent content in paints and coatings has a considerable environmental impact. Through intensive research and development, we are continuously working on optimising formulations and significantly reducing the proportion of solvents in our products.

According to the 31st Ordinance on the Implementation of the Federal Immission Control Act (31. BimSchV), we are permitted to emit no more than 2.5 % of the solvents we use, with a consumption of less than 1,000 t/a. Our in-house target is to halve this value and limit solvent emissions to no more than 1.25 % of the solvents used.

We also attach great importance to transparency and responsibility with regard to our CO₂ emissions. This is why we prepare a detailed CO₂ balance sheet every year.



Product development

Lankwitzer Lackfabrik pursues a comprehensive sustainability strategy in the area of product development, to continuously minimise the environmental impact of our products and processes:

Environmentally friendly products

One key measure is to increase the proportion of environmentally friendly products in our range. We are working to develop new paints and coatings that are less harmful to the environment and still meet the highest performance standards. As a result, the Lankwitzer Group has been focussing on high-solid, water-based and VOC-free, radiation-curing products for decades.

The aim is to continuously increase the share of these three key technologies in total output. We want at least 55 % of the quantities sold to be made up of environmentally friendly products.

As use of the technologies is linked to the possibilities of customers and coating parts, target setting and fulfilment is heavily dependent on the market. On request, we support and advise our customers during the conversion of coating technologies, based on our many years of customer experience and cooperation with manufacturers of paint plants and coating lines.

Coating efficiency

As part of the global coating chain, we recognise our responsibility for the environmental impact of our products in our customers' coating process. Therefore, minimising energy consumption, recyclability and reducing material consumption are at the heart of our thinking in every product development

Health hazards

Further important emphasis is placed on avoiding the use of raw materials which are subject to mandatory labelling. This is an ongoing process in which we regularly review our selection and processing of raw materials to ensure that no harmful or hazardous substances end up in our products.



Waste

As part of our ongoing commitment to sustainability and environmental protection in product development, Lankwitzer Lackfabrik has taken a number of measures to minimise its environmental impact. We would like to highlight some of our key initiatives below:

Material efficiency

We have implemented an efficient process for recycling faulty batches and blocked goods to reduce the amount of waste and unused products.

Cleaning thinners contribution

We are committed to recycling our cleaning thinners. By re-using this important solvent, we can considerably reduce the consumption of new raw materials and minimise waste at the same time.

Packaging

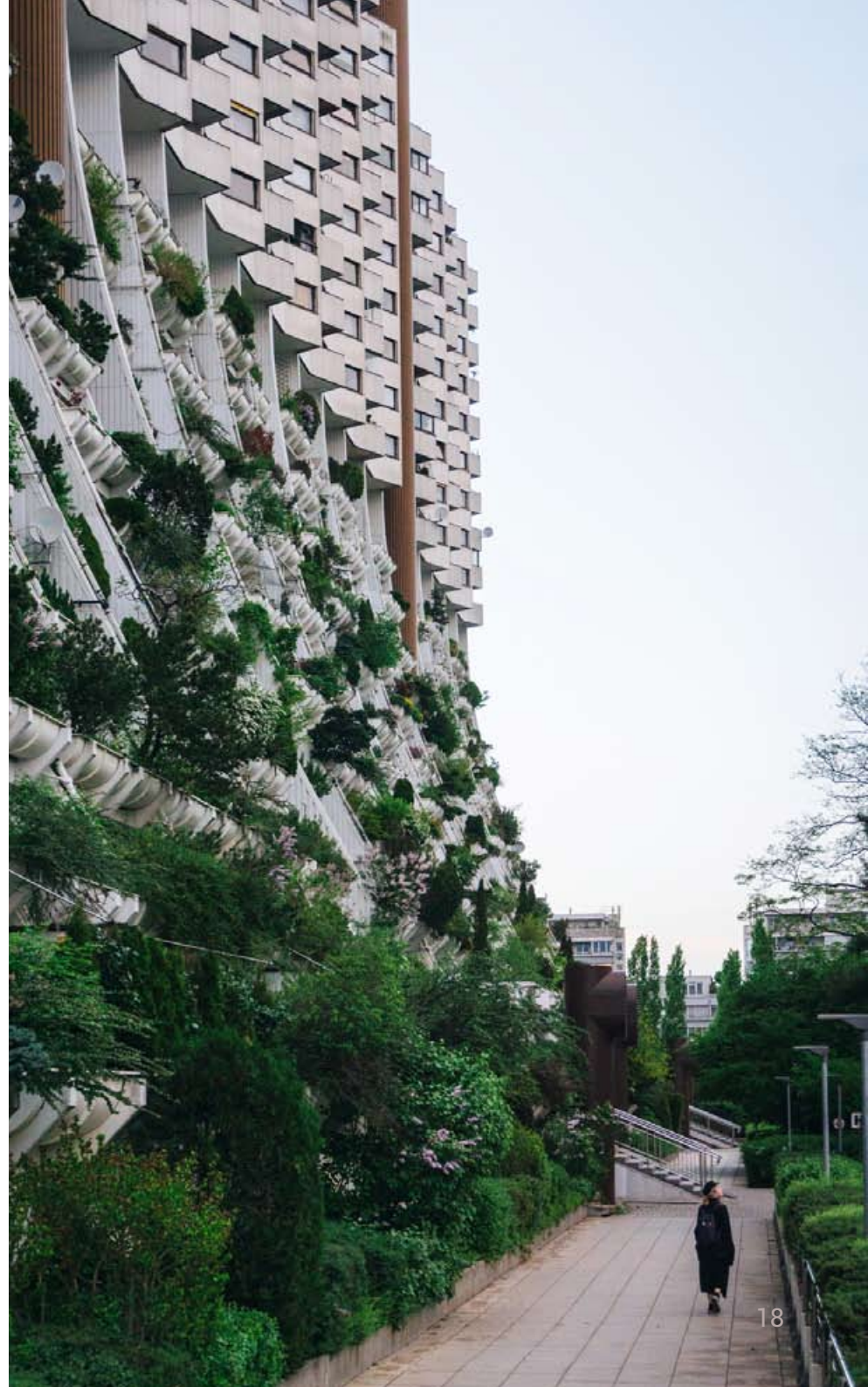
We use reconditioned IBCs to reduce the need for new plastic containers. These IBCs are carefully cleaned, maintained and re-integrated into the loop. Our products are supplied in 100 % recyclable metal packaging.



5. OUR STAKEHOLDERS

Consideration of our stakeholders' wishes and strict compliance with applicable laws are the cornerstones of our company and our ethical conduct. The intention of this foreword is to illustrate why these two aspects are crucially important and how they form the foundation of our success. Stakeholders, be they our valued customers, dedicated employees, confident investors or the community in which we operate, play a key role in our journey to success. Their needs, concerns and expectations drive our efforts and serve as a guiding star for strategic decisions and operational measures.

Compliance with laws and regulations is equally important, as it creates the basis for trust, stability and legality in our actions. Laws are not merely guidelines but ethical obligations that reflect our responsibility to society. Not only do they protect our organisation from legal consequences, they also guarantee integrity and fairness in our business environment. The intention of this foreword is to demonstrate that considering stakeholders' wishes and complying with the law are inextricably linked to our mission and form the core of our Code of Conduct. We are determined to follow these principles and use them as a guide for our current and future success.



Our stakeholders' ideas and requirements

No.	Interested parties	Expectations	Measures	Opportunities
1	Customers	<ul style="list-style-type: none"> ▶ Reduction of the environmental hazards of our products for use by customers ▶ Reduction of special trips and associated environmental impacts ▶ Reduction of the carbon footprint while maintaining quality and product performance 	Gaining new customers through more environmentally friendly, innovative products or products which have been reduced in price while maintaining the same level of quality. Providing warehouses/service points close to customers.	<p>Focusing development on:</p> <ul style="list-style-type: none"> ▶ Developing innovations together with the customer ▶ Setting up warehouses/service points close to customers ▶ Developing more environmentally friendly products <p>Maintaining and optimising in-house business processes to ensure timely and complete delivery of products in line with quality requirements.</p>
2	Employees	<p>Safe workplace and functioning occupational health and safety. Good pay, good working atmosphere, transparency and appreciation by superiors. Protection of the environment through resourceconserving and safe production.</p>	The company's excellent reputation makes it easy to recruit good employees.	<p>Notifying employees by means of a regular information sheet. Giving employees the opportunity to make appointments with the management at short notice (open-door policy). Leaving plenty of room for personal initiative. Maintaining occupational health and safety in the company to safeguard employees' health.</p>
3	Trade unions	Compliance with collective agreements.	Working together with the trade unions makes it possible to maintain industrial peace and in the event of problems, e. g. short-time work, a way that is accepted by all employees can be found jointly with the trade unions.	Organising company meetings with trade union presence.

No.	Interested parties	Expectations	Measures	Opportunities
4	Authorities, legislative bodies	Compliance with environmental and occupational health and safety requirements and laws. Compliance with trade law requirements.	By involving the regulatory authorities in good time when changes are made, it is possible to plan and implement the authorities' wishes from the outset. Trusting, transparent cooperation with the authorities also results in them acting in an advisory capacity.	Projects that require approval are registered openly and in advance with the authorities. Continuous monitoring of facilities for handling and storing hazardous substances and other work equipment. Compliance with occupational health and safety regulations in accordance with the Industrial Safety Ordinance (BetrSichV), German Occupational Health and Safety Act (ArbSchG), Safety at Work Act (ArbeitSichG).
7	Suppliers	Punctual servicing of all requirements, trialling of new products and exchange of information on (joint) developments. Efficient procurement planning to reduce additional journeys and additional deliveries (environmental performance).	Many innovations are based on cooperation with suppliers. This is why opportunities exist to develop novel products at a very early stage if an innovation partnership is established with suppliers.	Regular meetings with suppliers at LANKWITZER or at the supplier's premises. To a certain extent, suppliers are involved in the development results for further innovations for which exclusivity may have to be agreed.
8	Neighbours	Quiet production with as few emissions and disruptions as possible.	Transparency and good communication with neighbours lead to harmonious co-existence.	We signal a willingness to talk to our neighbours if this is desired. Maintaining environmental protection to reduce the company's environmental impact. (Environmental goals)
10	Tax office/ social security offices	Timely payment of taxes and duties. Correct presentation of the results and transparent presentation of all business transactions.		
11	Employer's liability insurance associations	Compliance with all health and safety regulations, identification of risks in the workplace and suitable measures to prevent accidents at work.	Intensive collaboration with the employer's liability insurance association facilitates free consultations and further training in all areas and requirements of occupational health and safety.	Regular consultation with employer's liability insurance associations, training courses at the employer's liability insurance association and involvement of the employer's liability insurance association in the event of industrial accidents. Maintaining and further development of the occupational health.

Compliance with environmental requirements and obligations

In its environmental policy, Lankwitzer Lackfabrik GmbH has committed to complying with all environmental requirements applicable to the company. This relates in part to the provisions of the following laws with their relevant ordinances, downstream regulations and official requirements.

The environmental requirements applicable to Lankwitzer Lackfabrik GmbH are regularly evaluated with the involvement of the Environmental Officer, managed with the help of databases and delegated to the relevant plant operators for implementation as part of the delegation of duties. In addition, external specialist companies and qualified operating technology personnel act as central service providers to ensure that the required inspection obligations for the plants are consistently implemented to minimise the environmental impact. Furthermore, compliance with environmental obligations is regularly monitored by means of audits and inspections, and corrective measures are initiated immediately in the event of any nonconformance.

Sources

Law and ordinance	Reference and area of application
Federal Immission Control Act <ul style="list-style-type: none"> <li data-bbox="1102 499 1496 563">▶ Ordinance on Installations Requiring a Permit 4. BImSchV <li data-bbox="1102 579 1518 675">▶ Ordinance on Evaporative Cooling Systems, Cooling Towers and Wet Scrubbers 42. BImSchV 	<p>The Berlin and Osterwieck sites operate facilities that require a permit under the Federal Immission Control Act (e. g. solvent tank farms). Evaporative cooling systems are used for the production process to cool the systems in Berlin. Small-scale gas-fired boilers are used exclusively for heating buildings.</p>
Water Resources Act – WHG <ul style="list-style-type: none"> <li data-bbox="1102 786 1469 882">▶ Ordinance on Facilities for Handling Substances that are Hazardous to Water AwSV 	<p>Some of the raw materials used and products manufactured are hazardous to waters. All production facilities and storage areas comply with the requirements of the Water Resources Act (WHG) and the Ordinance on Facilities for Handling Substances that are Hazardous to Water (AwSV). The sites are indirect dischargers.</p>
Circular Economy Act – KrWG <ul style="list-style-type: none"> <li data-bbox="1102 1106 1518 1129">▶ Waste Catalogue Ordinance AVV <li data-bbox="1102 1150 1525 1214">▶ Ordinance on Waste Recovery and Disposal Records NachwV <li data-bbox="1102 1235 1480 1299">▶ Commercial Waste Ordinance GewAbfV 	<p>Waste avoidance (loss minimisation) is a high priority for Lankwitzer Lackfabrik GmbH. Production-related waste cannot be completely avoided (see balance sheet). Legally compliant waste recovery and waste disposal is carried out in close cooperation with an approved specialist waste disposal company.</p>

6. Closing statement

Our programme for maintaining our technological leadership in sustainable coating solutions presents us with many demanding challenges. We have a lot to do if we are to improve our current performance and put the company on a course where sustainability is at the heart of everyone's business thinking and actions.

One outlook. One reflex. One opportunity. One obligation.

It is an imperative and an extraordinary opportunity to build a stronger company, to demonstrate our leading role and to shape a better future together.

The following Environmental Statement for the years 2023 to 2026 will be issued by 30 June 2026.





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