

ENVIRONMENTAL GUIDELINE

MARBACH GROUP



Living ecological sustainability in the Marbach Group

100

PERFORMANCE
since 1923

PREAMBLE

As an internationally operating Group, we pursue the discourse on gender-equitable language across national borders. We internally examine solutions that best suit all target groups. In this document, for reasons of improved readability, we do not use gender-specific double terms or solutions for gender-equitable language. However, in the simplified form – such as employees – people of any identity are included.

1. MARBACH GROUP.

1.1. The company.



Karl Marbach GmbH & Co. KG was founded in 1923 in Heilbronn as a family business. Today, Marbach is an internationally operating group of companies with headquarters in Heilbronn. Marbach employs 1,600 people at 20 locations worldwide. With its die cutting technology and tool making divisions, the group of companies is an important partner of the global packaging industry.

1.2. The divisions.

Marbach Die Cutting Technology supplies the packaging industry and its partners with cutting-dies as well as machines, materials and services related to die-cutting.

Marbach Toolmaking supplies the packaging industry with thermoforming tools and services for the production of various plastic packaging (cups and lids).

2. SUSTAINABILITY IN THE MARBACH GROUP.

The topic of sustainability has been a central part of the corporate philosophy at the Marbach Group for many years and is firmly anchored in our corporate

culture as well as lived practice on a daily basis.

The present guideline on environment and climate describes our understanding of ecologically sustainable business. They serve as a basis for our actions and apply to all our sites worldwide.



3. MANAGEMENT ENVIRONMENTAL AND CLIMATE PROTECTION.

We define the term „sustainability“ as the long-term safeguarding and further development of high standards in ecological, economic and social terms.

3.1. Environmental and climate protection

Environmental and climate protection as well as resource efficiency are important elements of our corporate philosophy.

When developing new products and operating production facilities, we ensure that any impact on the environment and climate is kept as low as possible.

We see ourselves as an active member of society and get involved in a wide variety of ways. We bear responsibility for our employees, their families and all Marbach Group sites and partners worldwide.



Climate change affects us all: Our goal is to avoid negative impacts on the environment and climate and to reduce greenhouse gas emissions - at our own sites, throughout the supply chain and at our customers' sites. In this way, we are contributing to the implementation of the Paris Climate Agreement and the achievement of the UN Sustainable Development Goals.

3.2. Organization and Responsibilities

The implementation of the environmental policy is monitored by the Environmental Management Team (Sustainability Officer). Each site is responsible for implementing the specific measures and targets in its area of responsibility.

We will report annually on our progress in achieving the environmental goals and communicate the results internally and externally.

The environmental policy and targets will be reviewed annually and adjusted as necessary to ensure that they remain relevant and achievable.



Those responsible for environmental and energy management systems actively promote compliance with environment-related requirements at all Group sites worldwide. Their task is to propose suitable

measures to improve operational environmental protection and to monitor their implementation. They are the contact persons for all questions and concerns relating to environmental and climate issues.

4. ENVIRONMENT.

4.1. ENVIRONMENTAL RISKS

We are committed to environmentally sound, sustainable business practices and strive to minimize our impact on the environment through our activities. Our senior management identifies and assesses the environmental impacts and risks of materials, processes, procedures, products and transport routes in regular risk checks. The environmental criteria of energy consumption and recycling are our main risk factors.

In regular internal reviews, if a need for action and optimization opportunities are identified, the necessary measures to improve the relevant environmental impacts are defined, implemented and the results tracked.

4.2. ENVIRONMENTAL GOALS.

We strive for continuous improvement in the areas of environmental and climate protection along our entire value chain. To this end, we have defined specific targets, measures and key performance indicators that are used to monitor the achievement of our goals [page 6-7].



To achieve these goals, we are constantly optimizing our internal processes. This enables us to reduce environmental impacts such as emissions to soil, air and water, and to avoid waste. To this end, we make use of recycling opportunities and return valuable materials to the material cycle. We also regularly measure

our environmental impact and review the effectiveness of our measures. If necessary, we make course corrections. In doing so, we act promptly and take immediate action to achieve improvements.

Particularly in the development of new products, environmental aspects in the product life cycle are identified and assessed with the aim of designing our products and their manufacture in an innovative, resource- and environmentally friendly way.



4.3. ENERGY EFFICIENCY, RENEWABLE ENERGIES.

We use energy sparingly. We strive to make all stages of our value chain as energy-efficient as possible. We aim to achieve this primarily by investing in climate-friendly technologies and energy-efficient buildings, switching to electricity from renewable energy sources and generating our own renewable energy. Following energy audits, measures were introduced to save energy and use renewable energies.

4.4. GREENHOUSE GAS EMISSIONS.

At all our operating sites, we use resources sparingly and apply energy-efficient technologies to reduce emissions. We develop strategies for waste avoidance and recycling. We also invest in sensible environmental measures and use the best available technologies in new investments.

4.5. Water

As water is a valuable resource that must be protected and treated accordingly, we monitor our water consumption and ensure that we use as little potable, non-potable and processed water as possible in our operations.

By implementing water-saving technologies and optimizing cooling and cleaning systems, we minimize water consumption in our manufacturing processes, building management and other operations. Only small amounts of water are used in our manufacturing processes, such as in closed-loop cooling lubricant circuits.

The Marbach Group has no impact on nationally or internationally protected water areas and their habitats.

4.6. Air pollution

Clean air is a quality of life. Our production facilities sometimes produce odorous fumes, which we vent in a technically optimized manner to reduce the odour impact on the immediate environment. Monitoring of the air pollutants emitted is not required due to the small quantities involved.

4.7. Use of products

Our products are used worldwide in the food and pharmaceutical industries.

The extraction and processing of raw materials, the manufacturing process and the use of our products are designed for long and sustainable use.

The main components of our products are designed to be disposed of in an environmentally responsible manner.

5. COMMITMENT TO ENVIRONMENTAL PROTECTION.

The protection of the environment is a binding requirement for all employees of the Marbach Group. We have laid this down in our corporate mission statement.

Thus, our employees are sensitized to take responsibility for the environment and to behave accordingly: We continuously keep our employees up to date on our environmental goals and guidelines. Every single employee is committed to ecological sustainability and to protecting the environment and climate.

In addition, the issue of environmental protection is firmly anchored in our management mission statement. Our managers at all organizational levels are aware of the environmental risks that may arise from

the company's business activities. They are aware of their role model function for a responsible and sustainable approach to our environment and reinforce through word and deed their commitment as well as their obligation to environmental protection. In addition, the attitude of all managers also includes a commitment to acting in accordance with the law and the company.

Our environmental policy, with qualitative and quantitative targets, demonstrates our commitment to sustainable business practices and our contribution to environmental protection. We strive to continuously improve our environmental performance through clear goals and concrete actions.



Peter Marbach

Owner & Managing Director
Marbach Group



Notification of violations

We offer our employees and business partners access to a protected mechanism to confidentially report possible violations of the principles of this Environmental Policy.

If you have a tip, please contact us directly or anonymously at: whistleblower-DE@marbach.com

Detailed information can be found on our homepage:
www.marbach.com/en/daten/whistleblower-system



ENVIRONMENTAL TARGETS OF THE MARBACH GROUP

Environmental criteria	Our targets	Targets	Measures	KPI
CO2 emissions	Reduction of carbon dioxide emissions	1) We reduce our Scope 1+2 emissions by 10% from the base year 2022 to 2025.	1.1 By using LEDs, we achieve a reduction of approx. 5% in total electricity consumption by 2025.	% Savings electricity
			1.2 Through additional photovoltaic installations, we increase the share of renewable energy by 20% by 2025.	% of renewable energy/electricity
		2) We reduce gas consumption by 10% from the base year 2022 to 2025.	2.1 Measures at all sites to reduce gas by a further 10% by 2025.	% Savings gas
		Targets	Measures	KPI
	Reduction of energy consumption	Identification of further opportunities for energy efficiency improvement.	Preparation of a list of measures for the production sites by the Sustainable Production Team in 2024. Based on this, an implementation plan will be adopted for each participating site Q3/Q4 2024.	Implementation plan per site based on the identified measures
				Progress of implementation
		Active involvement of the workforce to collect ideas and projects for energy-saving measures.	In 2023 and 2024, the workforce at all sites will be encouraged to submit proposals for energy-saving measures.	Number of proposals submitted
Environmental criteria	Our targets	Targets	Measures	KPI
Recycling management	Reduction of resource consumption	Reducing waste volumes and increasing recycling rates.	In 2024, conduct a survey of the largest fractions and define a plan (starting with Germany and expanding to other locations).	List of the waste volume incl. action plan
			From 2025 to 2028, implement measures to reduce waste/increase recycling in all areas of the company.	Recycling rate across all sites (in t and %)
			Saving of packaging material as well as use of reusable packaging materials.	Concept development
		No Printer Initiative base year 2022.	Reduction in the number of printers (unless required for legal reasons).	Survey of the number of printers in the Marbach baseline
			Reduction in the number of printers (unless required for legal reasons).	Minimizing the number of printers in %
Environmental criteria	Our targets	Targets	Measures	KPI
Training	Raising awareness	We want to deal consciously and sensitively with the environmental impact of our activities and strengthen the personal responsibility of our employees.	We create a multilingual training to strengthen environmental awareness in the Marbach Group until 2025.	Completed training material
				Number of offered languages
				% of the workforce have completed the training

Marbach Group

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**PACKAGING.
PERFORMANCE.
YOU.**

2023/03-002-29.08.2024