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People
and our
Planet
have Priority

Environmental Statement 2022

based on data from the financial year 2020/2021
for the W&H Dentalwerk Bürmoos GmbH, plant 1 and plant 2

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Sustainability

is not a vision for the future, but a necessity for the present!”

Peter Malata



Dear readers,

People have priority. Wherever people are at the centre of things, climate change and sustainability are the most urgent concerns of our time: The way we work and produce today has a direct impact on the way we will live tomorrow.

W&H is synonymous with technology and innovation. As a family enterprise, our outlook is intergenerational and future-orientated. We want to take responsibility for our environment by harnessing the power of progress. In order to be part of the solution, we learn more every day, pursue our goals systematically and are not afraid to walk new paths.

Our resources are limited, and therefore precious. We are constantly required to scrutinise our workflows, to locate optimisation potentials and to adapt processes wherever needed. Sustainability and environmental awareness are integral parts of the W&H corporate policy, and principles that we live by every day.

Our strategy for the future remains unchanged: We want to continue to provide sustainable health solutions. To ensure the success of our company, we are committed to customer orientation, competence & cooperation, innovation, constancy & sustainability.

A prudent environmental management strategy with a strong human element is the central theme for shaping a future that is worth living. This EMAS Statement (Environmental Management and Audit Scheme) documents our development as well as the successes and challenges that we have encountered. We're on our way - join us on this journey!

KommR DI Peter Malata
President & CEO

About W&H

Dentalwerk Bürmoos GmbH develops and manufactures medical precision instruments and devices at two locations in Bürmoos near Salzburg.

Locations

W&H Dentalwerk Bürmoos GmbH Werk 1

Ignaz-Glaser-Straße 53
5111 Bürmoos, Austria

W&H Dentalwerk Bürmoos GmbH Werk 2

Werner-Bader-Straße 1
5111 Bürmoos, Austria

Employees

	FY 18/19	FY 19/20	FY 20/21
Number of employees (full-time equivalent)	658	657	624
Female	157	155	149
Male	501	502	475
of which shop-floor workers	332	299	299
Female	65	62	89
Male	267	271	210
of which office workers	326	324	325
Female	92	93	60
Male	234	231	265
by age group			
Employees < 18 years	43	35	56
Employees 18 - 35 years	241	239	209
Employees 36 - 50 years	222	224	216
Employees > 50 years	152	159	143

Product output

The overall output quantity results from the amount of invoiced products in kilogram (gross). The weight shown is derived from the invoiced amount (= past) and the current product weight on file (= presence). This means that slight variations to the data of the previous period are possible if weights are corrected.

	FY 18/19	FY 19/20	FY 20/21
Overall output quantity	382,940	316,500	386,346
Weight of invoiced products in kg			



Executive management and group leadership

Executive management of
W&H Dentalwerk Bürmoos GmbH:

Peter Malata, President & CEO

Klaus Maier, CEO & CFO

Other members of the W&H group leadership:
Daniela Malata
Vice President Human Resources

Thomas Lang
Vice President Product Innovation

Martin Schwenoha
Vice President Group Operations

Herbert Traschwandtner
Vice President Operations DWB

Financial year

refers to the respective financial year of
W&H Dentalwerk Bürmoos GmbH, which begins
on 1 September.

A brief company history

W&H Dentalwerk is founded in 1890 by Jean Weber and Hugo Hampel (W&H), precision mechanics based in Berlin. The pioneering duo makes history by manufacturing the first mechanically operated straight and contra-angle handpieces in Europe. In 1944, W&H moves from Berlin (Germany) to Bürmoos (Austria), where Consul Peter Malata is appointed group administrator by the allied forces in 1946. On 20 May 1958, Peter and Hilde Malata purchase Dentalwerk Bürmoos. W&H embarks on a path of growth: In addition to the first building extensions in Bürmoos, the first W&G subsidiary is founded in 1964 - W&H Germany. Other subsidiaries in Austria, France, Italy, Sweden and Great Britain soon follow.

Peter Malata jun. takes over the reins on 1 December 1996. New management structures are implemented and W&H is given a strong, visionary team organisation that reacts to customer requirements in a flexible manner. In 1999, the W&H Sterilization manufacturing plant opens near Bergamo in Italy, and the business follows in the successful tradition of W&H. Between 2000 and 2009, W&H not only extends its product portfolio, but also its manufacturing site at Bürmoos. In 2018, construction begins to further extend plant 2.

Innovation since 1890

W&H provides innovative product and service solutions. W&H innovations shape the daily routines of dentists all over the world.



1890
01 Universal handpiece with adjustable head tilt

1926
02 First machine-produced file contra-angle handpiece, "Endo Cursor"

1978
03 First on the market to offer a 360° rotational coupling, "Roto Quick"

1979
04 First provider of a push-button chuck system for turbines

1992
05 Assistina, world's first cleaning and care device

1999
06 First provider of Type B steriliser Lisa, Lisa MB

2001
07 Market leader with Implantmed

2014
08 First provider of a shadow-free illumination system for the preparation site with a 5x LED ring

2016
09 First sensor-powered dental high-speed drive solution "Primea Advanced Air"

2018
10 Sterilisers Lisa and Lara for W&H Med

2019
12 ioDent® - Welcome to the digital dental world

2018
11 Proxeo - Prophy for Professionals

Partnerships and certifications

In 2022, W&H became an official member of respACT, Austria's leading business platform for sustainable development. The network supports us in driving forward our sustainability efforts through a continuous exchange of information.

Furthermore, W&H was once again awarded the Seal of Quality for Health Promotion in the Workplace in 2022.

W&H is a Salzburg 2050 partner enterprise and is committed to making a contribution to the Salzburg 2050 climate and energy strategy.

W&H Dentalwerk Bürmoos GmbH first obtained the ISO 14001 environmental management certification as early as 2007, and the group leadership decided in 2022 to also register with EMAS.



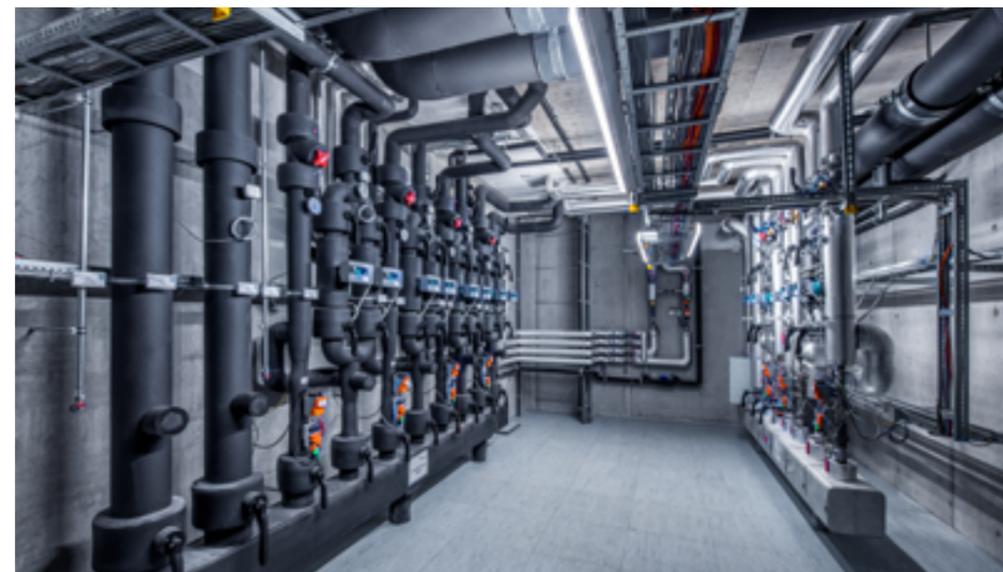


Expansion of plant 2

The “expansion of plant 2” project that was initiated in the FY 2018/19 deserves a special mention as an important and environmentally relevant step. By moving production (manufacturing and assembly) to a single site (plant 2), significant gains in efficiency were made in areas such as in-house logistics, heating/cooling, and recycling. The galvanics unit (incl. wastewater treatment plant) was rebuilt from scratch, using state-of-the-art technology that minimises negative environmental impacts. The production halls were designed using the best available technologies (LED lighting, heat recovery, redundant power supply, high-pressure water spray system, compressed air systems, cooling plants etc.).

A sophisticated recycling concept makes it possible to collect and separate materials on a largely automated basis, returning them to be recycled wherever possible. The available roof space was used to construct a photovoltaic plant that will enable us to produce our own renewable energy.

The newly constructed, semi-automated galvanics unit is among the most modern of its kind in Austria. Extraction capacity was significantly improved and the state-of-the-art exhaust air treatment allows us to fall below the legally stipulated emission values. Thanks to the state-of-the-art wastewater treatment system for our rinse water, we were able to optimise the use of chemicals and reduce the number of substances used.



Continued usage of plant 1

The move of our entire production to plant 2 has freed up space in plant 1 that is being put to the best possible use and now functions as a new training area, the W&H Campus. W&H has always set great store by the promotion of young talents and the training of qualified specialists. The new W&H Campus is a progressive training centre with state-of-the-art equipment and highly professional support for apprentices. W&H takes on 20 apprentices every year.

The office space in plant 1 is still used by the admin teams, and some of the measuring and testing labs in plant 1 are also still in operation. A legally independent sales company with its own, independent management system also rents a small office area in plant 1. All the environmentally relevant areas - infrastructure, waste management, training and awareness training - are controlled and run by W&H Dentalwerk Bürmoos GmbH. This ensures that important environmental aspects and environmentally relevant processes at W&H are not influenced by external factors.

Key project data:

Start of construction: June 2018
 Completion date: Autumn 2021

Land usage:

Total land used for new buildings (rounded)	16,000 m ²
Of which manufacturing space	4,500 m ²
Of which assembly space	4,300 m ²
Of which office space	2,000 m ²
Of which other communal space (e.g. cellars, utility rooms, disposal ramps, workshop, staircases, intermediate floors etc.)	5,200 m ²

Parking spaces:

Total car parking spaces	~ 450 Stk.
Bicycle parking spaces	~ 150 Stk.

For more information on the concrete measures that were adopted, see the chapter on “Performance of our daily activities” and our Environmental Programme.

Our activities and product portfolio

W&H is an international, family-run technology business with a focus on medical technology. Our activities are clearly focused on innovation, digitalisation and quality. Our headquarters are located in Bürmoos near Salzburg, and we export 98 percent of our products. Dentists, customers, dealers and partners associate the W&H brand with quality, reliability and excellent service. We pride ourselves on professional cooperation, competent support and outstanding expertise. This high standard sets us apart from the competition all over the world and makes us a globally successful company in the field of medical precision instruments.

Since 1890, W&H has primarily stood for dental products and solutions. We are market leaders in this field and have redefined industry standards again and again with our innovative products. With passion and a commitment to innovation, we aim at bringing medical precision instruments, devices and high-end solutions to dentists, general practitioners and veterinarians all over the world. Whether prevention or treatment, health is always our top priority. We operate manufacturing sites in Austria, Italy, and Sweden, and our extensive network of sales partners and subsidiaries means that W&H is present in 130 countries.

Our scope of services covers the entire product life-cycle, from development to procurement, production and sales, all the way to after-sales service.

The W&H-product portfolio



Restauration & Prosthetics



Built-in solutions



W&H Med & W&H Vet



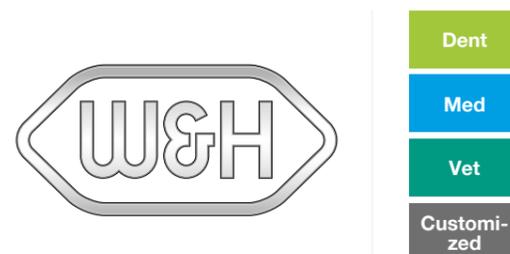
Sterilisation, Hygiene & Maintenance



Oral surgery & Implantology



Prophylaxis & Parodontology



The W&H product portfolio consists of several areas of application in dentistry and general medicine and is structured into the categories Dent, Med, Vet and Customized.

In the **Dent** category, W&H offers products for dental medicine from the following areas of application:

- › Prophylaxis & Periodontology (e.g. air and piezo scaler, scaler tips, straight and contra-angle handpieces)
- › Restauration & Prosthetics, Endodontics, dental lab (e.g. straight and contra-angle handpieces, turbines, motors, couplings)
- › Oral Surgery & Implantology (e.g. surgical devices, straight and contra-angle handpieces, stability measurement devices for implants)

- › Sterilisation, Hygiene & Maintenance (e.g. sterilisers, cleaning and disinfection devices, reprocessing devices)

In the **Med** category, W&H offers products for the medical sector:

- › Surgery (surgical equipment)
- › Sterilisation (sterilisers)

The **Vet** category serves the veterinary medicine sector with selected W&H products.

In the **Customized** category, W&H manufactures products exclusively for partners, sold under the partners' name.

Environmental management at W&H

Environmentally conscious, sustainable behaviours and mindsets have been constant elements in the company's outlook ever since the Malata family took it over, and were systematised with the introduction of the environmental management systems ISO 14001 (from 2007) and EMAS (from 2022).

W&H Environmental Policy

As an international manufacturer, marketer and supplier of medical products, W&H has a great responsibility for a healthy society and a healthy environment. We are committed to orientating our corporate strategy and our goals and measures in such a way as to reduce their negative impact on the environment and to make an active contribution towards protecting it. Preventative environmental protection is an important element of our corporate goals.

We promote environmentally aware actions and mindsets

The environmentally aware actions and mindsets of the W&H employees and group leadership have priority and are greatly appreciated. It is the task of the executive management to promote this awareness and to highlight it as a good example for others. Environmental protection plays a part in all our decisions, at every level and in all teams.

We protect natural resources and prioritise sustainable procurement

We develop and manufacture our products and services based on the principles of environmental protection and sustainable management. Natural resources such as energy, water or raw materials are used prudently and sparingly, with an eye towards a long-term energy

In our Environmental Policy, we describe our vision of environmental protection as the basis of a functioning management system. With this Environmental Policy, W&H clearly commits to protecting natural resources and the environment.

increase. We prioritise regional, sustainable suppliers and ensure that the fundamentals of our environmental policy are also reflected in our supply chain by assessing the environmental performance of partners.

We are committed to the continuous improvement of our environmental performance

Using an environmental management system, we measure, assess, and continuously improve our environmental performance. This also requires the cooperation of every single one of our employees. We take appropriate measures to minimise environmental risks at every stage of our value-creation processes.

We strictly adhere to legal provisions and rely on cooperation

We regularly identify all legal provisions that are applicable to W&H and our products, and we take appropriate measures to ensure compliance in a timely manner. Cooperation and open communication with official authorities and other stakeholder groups form the basis for sustainable solutions.

Organisational context: interested parties, opportunities and risks

We are part of a wider context in which our environment and other systems also play a part, and are thus involved in an intricate mesh of internal and external influences, all of which have an effect on our business behaviour. Political, legal, technological, socio-cultural or economic developments can have a negative, but also a positive impact on our business, as can environmental factors, energy, resources, and many more.

Opportunities and risks for our organisation with regard to the environment, to health, and to safety, all result from the assessment of environmental aspects, the expectations of interested parties, and the legal stipulations that are binding for us. All the opportunities and risks that are identified are then considered in the definition of targets and measures as well as the definition of operational procedures, control measures and emergency procedures.

The two sites (plant 1 and 2) are located in the municipality of Bürmoos near Salzburg. The company has good connections within the municipality and is one of the region's most important employers. Plant 1 is located in a residential area. Effects on adjacent properties are closely monitored, and W&H engages in an ongoing dialogue with its neighbours. Plant 2 is located in a dedicated industrial zone. The modern building and the neat external area of the site contribute towards the overall positive appearance of the zone. The executing management and the proprietors of W&H are firm in their commitment to Salzburg and Austria as a business location. The extension of the plant bears witness to this commitment.



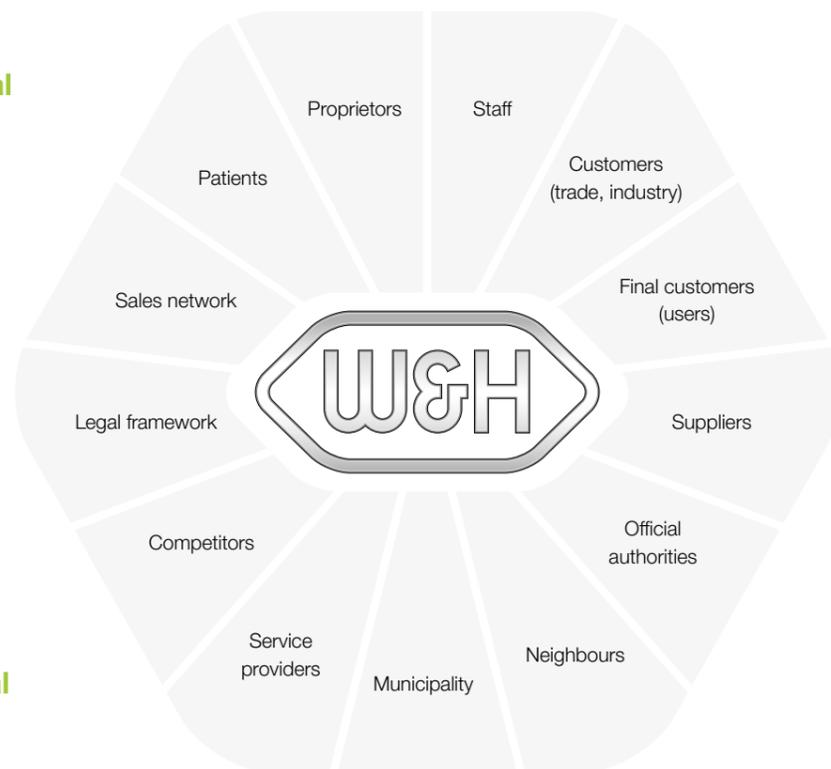
Stakeholders of the W&H Dentalwerk Bürmoos GmbH

and the company in its wider context

Socio-cultural factors

Ecological factors

Technological factors



Political factors

Market factors

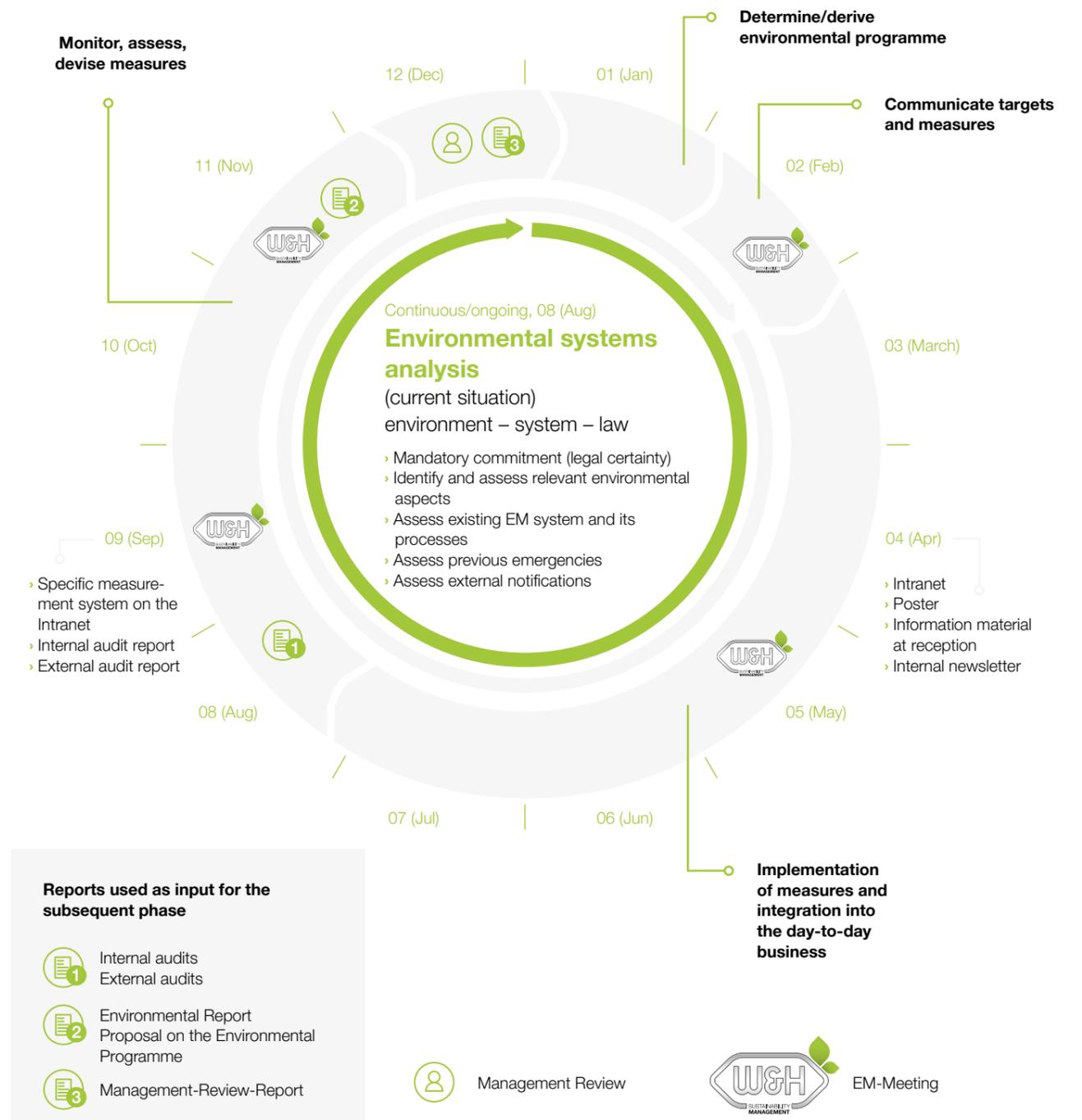
Economic factors

W&H communicates with its stakeholders on an ongoing basis, and a large part of this communication happens informally. However, we have also implemented official information channels and instruments, such as our Intranet, regular newsletters, management reviews, events, audits, face-to-face or online meetings.

External communication channels such as newsletters, the company website or our social media channels are also used to inform stakeholders on our efforts with regard to sustainability and environmental protection. Customers and partners also have the option of joining us on regular tours of the plants and company visits.

Integrated Management System

Our business is actively committed to an integrated management system. This means that all the economic, ecological and quality-relevant aspects are combined in a system with an improvement cycle, including our Environmental Management System. The following diagram illustrates this cycle:





Based on the “Plan – Do – Check – Act” model, we determine targets, individual goals and measures and assess their implementation within our business. Environmentally relevant workflows are documented and summarised in a process description. The efficiency of the established systems is evaluated and adjusted regularly. During the Management Review, the group leadership assesses the effectiveness of the management system as a whole on an annual basis. The Environmental Management Process Description outlines the design and structure of the Environmental Management System (EMS) according to ISO 14001:2015 and EMAS (Eco Management and Audit Scheme) as well as its documentation. All employees have access to this process via the local document guidance tool.

In detail, this cycle is structured as follows: During the financial year, the Environmental Management Team meets up regularly to perform the ongoing Environmental Systems Analysis. This is when the most important aspects (mandatory commitments, environmental aspects, environmental management system, environmentally relevant emergencies, external notifications etc.) are discussed and evaluated. At the end of every financial year, Environmental Management sends a report to the Environmental Management Officer in the group leadership. The Environmental Report contains the results of the ongoing systems analysis and an overview of data on the relevant environmental aspects from the input-output analysis as well as other events related to the environment. The report serves as the basis for the annual Management Review. The environmental performance is evaluated in the Management Review based on clearly defined criteria.

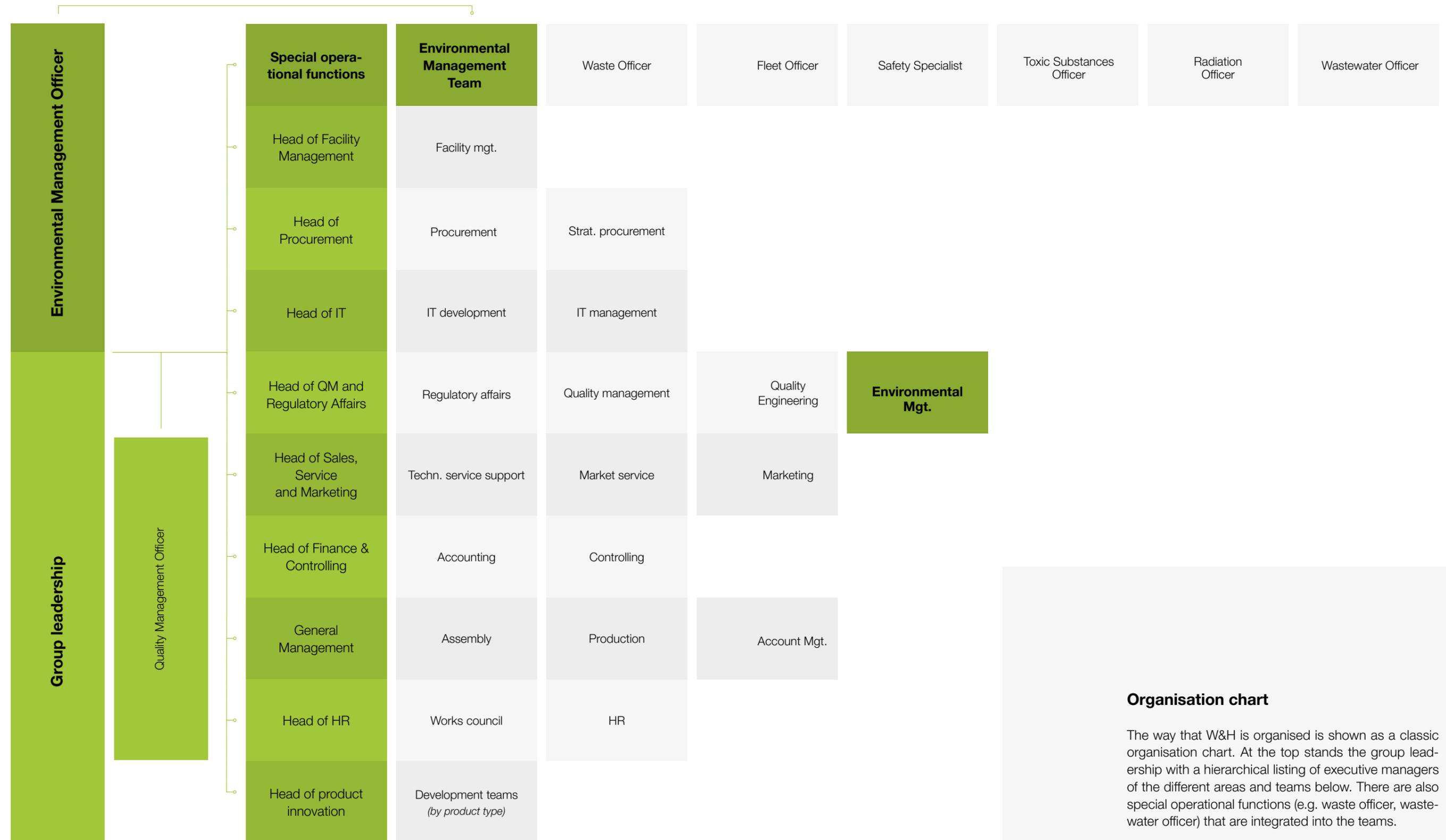
The annual Environmental Programme is derived from all evaluations and reviews and sets out the environmentally relevant measures for the respective financial year. The Environmental Programme is made available to the public at the receptions of both sites (plant 1 and 2) as well as in this Environmental Statement (see chapter “Environmental Programme”). The measures are implemented in various projects or actions (project management) and/or integrated into the day-to-day business.

Environmental Systems Analysis (current status)

Environment – System – Law

Activity	Content	Process / AA	Responsibility / record-keeping requirements
Examine/confirm mandatory commitment (legal security)	Determine and continuously update mandatory commitments and safeguard them by means of appropriate measures	AA	EM, officer
Identify and assess environmentally relevant aspects	<ul style="list-style-type: none"> › Environmental audit › Evaluation matrix of environmentally relevant production aspects › I/O analysis › Environmental key data 	Process	EM
Assessment of the existing Environmental Management System and its processes	<ul style="list-style-type: none"> › Assessment of whether the processes are still appropriate for and applicable to the targets › Assessment of ongoing measures and projects 	Process	EM
Assessment of previous emergencies	Record and document emergencies and derive measures from them	Process	Obligation to keep records: STD/FM/EM
Assessment of external notifications	External notifications are collected, documented and measures are derived from them	Process	Obligation to keep records and further processing: FM

Responsibilities within the management system



Organisation chart

The way that W&H is organised is shown as a classic organisation chart. At the top stands the group leadership with a hierarchical listing of executive managers of the different areas and teams below. There are also special operational functions (e.g. waste officer, wastewater officer) that are integrated into the teams.

The W&H Environmental Management Officer is also a member of the group leadership, which anchors the topic firmly in the top level of the company. He/she ensures that the resources required for setting up, implementing, maintaining and continuously improving the Environmental Management System are provided. Furthermore, the position of Sustainability Manager (incl. environmental management) is also part of the Quality Management team.

W&H also has an extended Environmental Management team, whose members come from all parts of the business, thereby making it particularly representative. Employees from areas as diverse as production, facility management, procurement, product development, maintenance and manufacturing as well as employees with a special function (Waste Officer, Fleet Officer, safety-related service...) work together in order to drive forward the continuous improvement of our environmental performance and Environmental Management System.

The interdepartmental cooperation of the Environmental Management team is defined as a special function with a clear role and clear responsibilities within the organisation.

Legal management

In order to give an accurate representation of W&H's legal compliance, a consulting firm consisting of legal as well as technical experts was hired to help identify all the legally mandatory requirements (environmentally relevant laws, directives and regulations) that W&H must fulfil. The relevant legal obligations were then entered into a legal database, which gives a concise overview of laws and stipulations. The integration status of the obligations is recorded in the W&H management system. Provisions resulting from official decisions and decrees and the internal stipulations resulting from them are tracked in the decree management system. Compliance with mandatory obligations is ensured by

The Environmental Management team has the following responsibilities:

- › Identifying legal as well as other obligations, maintaining and securing compliance.
- › Identifying and assessing important environmental aspects.
- › Identifying possible emergency situations with regard to environmentally relevant processes.
- › Suggesting relevant targets and measures in line with the Environmental Policy.
- › Functioning as a port of call for queries related to environmental management, for external organisations and internal bodies.
- › Organising and supporting internal and external audits.
- › Defining, requesting and supervising measures based on audit results.
- › Regular assessment of the efficiency of the Environmental Management System.
- › Integration of the environmental management requirements into the individual processes, in cooperation with the process leaders.
- › Organisation of Environmental Management meetings that take place regularly.

means of internal audits as well as subject-specific external audits. Furthermore, the regular meetings of the Environmental Team as part of the Environmental Systems Analysis always include legal security.

A process description regulates the identification and updating of binding commitments as well as of other requirements. To ensure that the legal database is kept up to date, additional biannual legal workshops (or more frequently as required) are held in case of far-reaching changes (e.g. extensions, new processes, new technical equipment...) together with the consulting firm.

Our improvement cycle

First environmental audit and environmental aspects

To be able to assess which aspects have the greatest impact on the environment, an environmental audit was performed. As a first step, the direct and indirect environmental aspects were identified and evaluated for their respective impact. These aspects were "potential for causing environmental harm", "environmental vulnerability", "quantity used", "presence of environmental regulations", "importance for stakeholder", "supply routes", "recyclability" and "waste". They were graded with 0 (does not apply) or 1 (does apply).

In a second step, it was analysed which company process these environmental aspects are part of. This showed us which processes have the biggest impact

on the respective environmental aspect. The sum of the evaluation in step 1 and 2 yielded the final score for each aspect. The added points show which environmental aspects at W&H are the most relevant. The result of the Environmental Audit also defines the frequency of the assessment. From 10 points onwards, a monthly assessment is required. Environmental aspects graded with 5 to 9 points are assessed annually, and those with less than 5 points are observed and monitored according to applicable regulations.

The following **direct environmental aspects** were identified:

Direct environmental aspect	Points acc. to Environmental Audit	Assessment interval	Data basis
Operating materials	12	Monthly	Order software
Electricity	12	Monthly	Invoice from energy supplier
Auxiliary materials	11	Monthly	Order software
Chemicals	11	Monthly	Order software
Raw materials	8	Annually	ERP system
Office material	8	Annually	Order software
Combustibles (gas)	7	Annually	Invoice from energy supplier
Waste	6	Annually	Waste mgt. data
Packaging, cardboard	5	Annually	ERP system
Packaging, plastic	6	Annually	ERP system
Packaging, metal	6	Annually	ERP system
Fuels	5	Annually	Fuel cards, leasing invoices
Water	3	Monitoring	Municipal invoice
Wastewater	3	Monitoring	Municipal invoice
Airborne emissions	4	Annually	Converted from energy sources (Data from Federal Environmental Agency)



The following **indirect environmental aspects** were identified and graded in line with the criteria listed above:

Indirect environmental aspect	Points acc. to Environmental Audit
Airborne emissions resulting from product transport	4
Supply of materials and products	4
Waste generation by the final customer (<i>End of Life</i>)	5
Consumption of resources and energy during product usage	3
Environmental behaviours of suppliers and service providers	6
Composition of the product range	5
Decisions for capital investments and insurance services (<i>e.g. employee pension fund</i>)	2

Monitoring our environmental performance

As described in the chapter “Environmental Management at W&H”, our environmental performance is monitored through our Management System using two management standards, ISO14001 and EMAS. Together with our Quality Management, we apply an Integrated Management System. The defined relevant environmental aspects are analysed by the environmental management team on an ongoing basis in the Environmental Systems Analysis, and the data is collected at the intervals specified above. Every year, Environmental Management draws up an Environmental Report, evaluating and documenting our environmental performance and the management system. During the Management Review, the environmental performance is presented, discussed and evaluated at

executive level (see chapter “Assessment of the annual environmental impact”). Furthermore, a proposal for the Environmental Programme is drawn up annually, based on the ongoing Environmental System Analysis. The proposed Environmental Programme is adopted during the Management Review. It documents targets and measures that, as a next step, are communicated to the entire company and implemented in projects or actions. The assessment that is completed as part of the Management Review is documented in the Management Review Report. Any measures that need to be taken are incorporated in the Environmental Programme or recorded in the company’s internal measurement system to ensure implementation and traceability.

Assessment of the annual environmental impact

The collection of environmental data should be concluded by December for the respective previous year, to ensure that the assessment will be part of the Management Review. After this point, all the data collected is assessed by the executive management as part of the Management Review.

Environmental audits

We perform an environmental audit (consisting of several internal audits) at least once a year (fully comprehensive or focused on the most important subareas) to see whether the environmental management system reflects the mission statement, is fully functional and complies with EMAS and ISO14001 requirements. The audit determines whether there have been improvements, what has been achieved, and whether all the pertinent legal stipulations and mandatory commitments have been complied with. The time for conducting the audit must be determined in such a way that the upkeep of the management system is ensured at all times. As required, audits may also be performed several times a year. The results are documented in the individual audit checklists and reports.

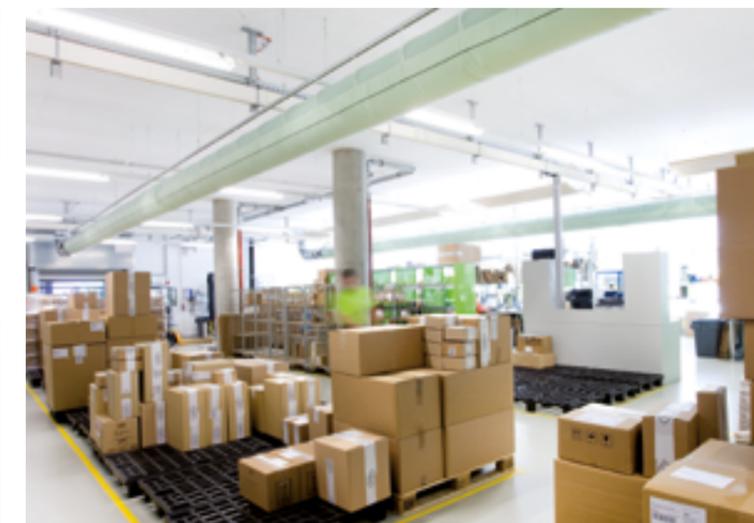
Assessment criteria

The assessment criteria are integrated in the W&H Management Review Report. The following factors are assessed:

- › Environmental targets as defined by the Environmental Programme
- › Data of the input/output analysis
- › Airborne emissions (incl. CO2)
- › Deviations found in internal and external audits
- › Complaints from neighbours
- › Findings from the hazardous material report
- › Binding commitments
- › Environmental incidents

with the grades

- 1:** highly satisfactory,
- 2:** satisfactory or
- 3:** not satisfactory.

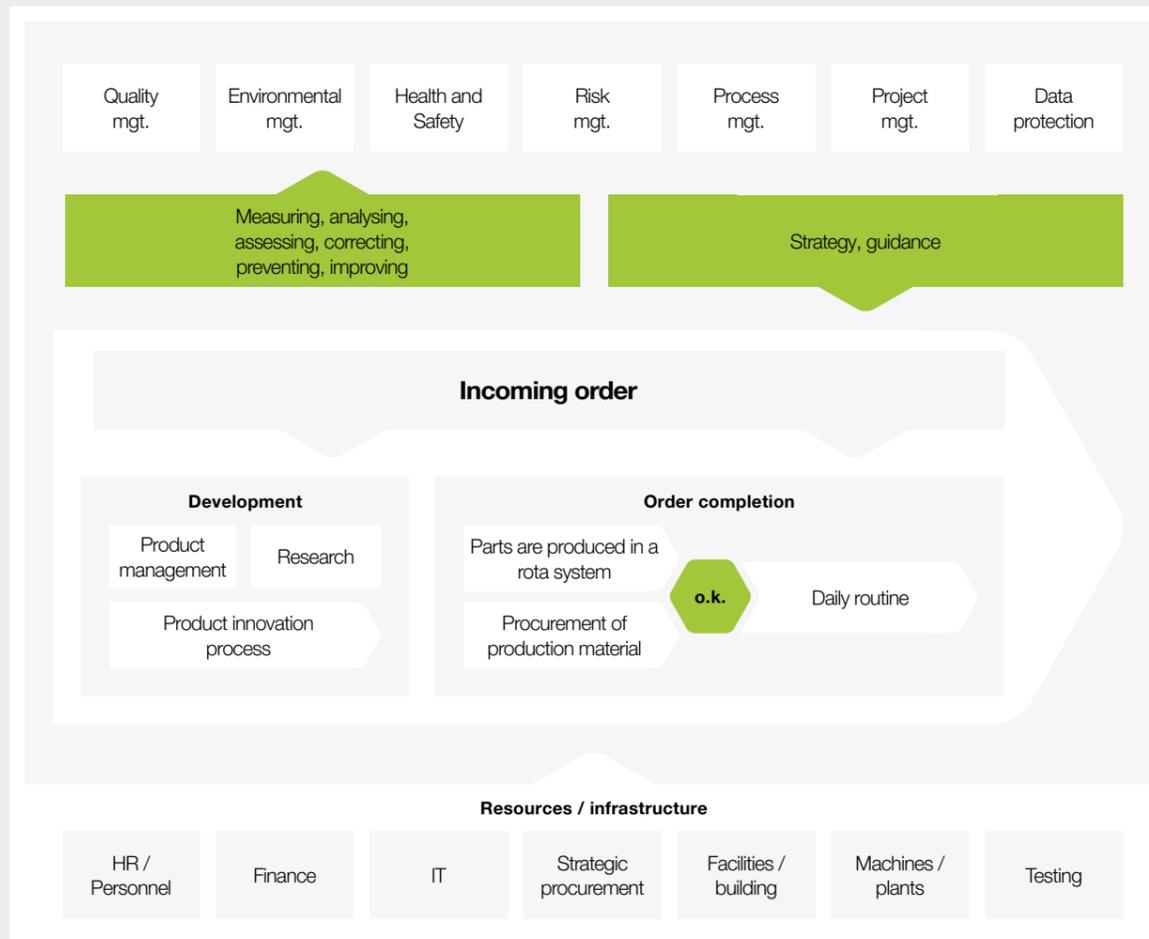


Daily performance of our activities

Production at W&H is done almost exclusively upon receipt of orders; i.e. we produce almost no products for stock. The “ok” point defines the impact of our most important business processes required for order fulfilment. The prerequisites (input) for the start of a production are a successful order receipt (order is placed by the customer) and a completed development stage

with a successful transition into volume production (product innovation). Once these prerequisites apply, the order is fulfilled according to a defined daily routine. The result (output) is the fulfilled customer order.

Overall concept



Organisation and its context

Requirements and expectations of the relevant interested parties

Feedback on the fulfilment of requirements and expectations of the relevant interested parties provides information on the process completion status. Measuring,

analysing, assessing, correcting, preventing, improving is applied in all areas of the company.





Lifecycle of our products

To ensure that the negative environmental impact of our products is minimal, W&H is committed to acting on several levels. The lifecycle of W&H products starts with the planning phase before a new product is developed. We consider sustainability aspects with regard to raw materials production and processing, material processing, and the procurement of finished and semi-finished goods. Finished goods are usually sold via dealers or national sales subsidiaries as well as dealers in the individual regions. Our products are used by our final customers. In this phase of the product lifecycle, W&H has a limited influence on environmental impacts. At the end of their lifespan, products are disposed of by users and recycled wherever possible. The manuals for all our products contain information on recycling. W&H makes a positive contribution to environmental impacts throughout the entire product lifecycle by carefully assessing sustainability aspects with their risks and opportunities and considering these insights even during the development phase of new products.

Internal organisation	Infrastructure, incl. IT	Marketing & Sales	Procurement / incoming logistics	Finance & Controlling
	HR	Technical Service Support (DWB)	Logistics & Dispatch	Product management

Product development & product design

Environmental factors are taken into account for product development and design decisions.

The increasing demand on the part of customers as well as regulatory requirements both necessitate and promote sustainable product solutions.

Digital solutions and new business models continuously increase the opportunities for sustainability on various levels.

Raw materials procurement & processing

Regional suppliers and those offering ISO 14001 certification and transparency with regard to environmental protection and social justice are given preference.

The use of sustainable materials and components as well as environmentally friendly handling processes on the part of our suppliers are given consideration during the selection process.

Production & Assembly

The product parts are manufactured almost exclusively in the W&H Dentalwerk in Bürmoos.

Products are manufactured only after the customer order has been placed, which means that stockkeeping is barely required. Product improvements may thus be introduced almost immediately, without having to dispose of product components.

Sales and Transport

Products are transported primarily to dealers and sales subsidiaries.

The export rate lies at 98%.

To successively reduce emissions, effective, resource-friendly packaging and logistics solutions are crucial.

Usage

W&H products stand out for their extremely long lifespan.

This also means that resource efficiency during product usage must be taken into account as early as the product development and design phase. Additional information helps customers act in a resource-friendly manner.

A worldwide network of service partners repairs and services products locally, minimising the use of resources for logistics.

End-of-Life

The goal is to preserve natural resources and to recycle / recirculate as many materials as possible.

Optimised, new business models and straightforward disassembly are essential factors.



Product design and development

The lion's share of the W&H product portfolio is developed in Bürmoos. W&H is meticulous about including environmental factors such as the efficient use of more sustainable materials and substances, reparability, longevity, resistance, and modular formation even during the product development stage.

We offer primarily sterilisable and thermally disinfected straight and contra-angle handpieces, avoiding single-use plastics components wherever possible in order to reduce waste and emissions. The W&H product portfolio also offers high-end devices for the maintenance and reprocessing of dental straight and contra-angle handpieces as well as turbines, thus extending their lifespan and longevity at optimal performance.

During the development phase, we ensure that materials are reduced both in terms of quantity (number of items and volumes) as well as quality (avoidance of harmful substances). In addition, we strive to reduce our consumption of electricity and water during production and usage, without impacting on the functionality of our products. The modular design of our products also reduces the range of materials and components used. Thanks to the modular structure that is in place at W&H, we are able to use standardised displays as well as other large components in a wide range of products, thus reducing the number of different product groups. W&H also sells integrated control units that make it possible to adapt existing dental units to the state of the art with a single update. Product quality, usability and aesthetic quality are important attributes of W&H products. This ensures a safe working envi-

ronment for our customers, thanks to effective and efficient usage and a high level of reliability. As our products are extremely user-friendly, they reduce the number of work steps required and minimise the use of materials and resources. A range of awards confirm this outstanding design quality.

Using far-reaching, extensive endurance tests, we ensure that our products live up to the quality and lifespan they promise. Spare parts are available for many years after a product is discontinued. Parts are easy and quick to exchange, thanks to the principle of straightforward reparability that is a key element of our design process. In addition, W&H operates a service network with more than 250 service points worldwide, where trained staff repair and exchange components and product parts locally, in their respective regions. These regional service points eliminate logistics cost and use of resources caused by transport routes.

W&H strives to continuously improve products in line with the principles of Eco Design and to reduce negative environmental impact. We have already taken the first steps towards detailed lifecycle analyses per product (group).

Procurement / supplier management

We categorise our suppliers on the basis of strategic significance (availability, offer) as suppliers, partners, and strategic partners. Currently, W&H has 9 strategic partners, 61 partners and 136 suppliers. When purchasing raw materials and goods, we take ecological criteria into account. Strategic partners are monitored regularly by W&H, with special attention being given to quality management and environmental management of suppliers. Regarding environmental management, we check the following points with

our suppliers: working materials, targets to improve environmental protection and energy efficiency, energy policy, health and safety in the workplace, programmes to reduce packaging / use of multi-use packaging, and compliance with directives (ROHS, REACH, conflict minerals). To reduce transport-related emissions and create value for the region, preference is given to regional suppliers wherever possible and economically feasible. Over 90% of our suppliers are based less than 800km away.





Facility management

Fleet

W&H has been relying on electricity-powered vehicles ever since 2015, in particular for trips between the two sites in Bürmoos. Electric cars and hybrid vehicles are also sometimes used to cover longer distances, and the plan is to motivate employees to switch to electric vehicles. W&H is planning e-charging points for employees, which will be ready during the financial year 2022/23.

W&H is currently using 7 electric cars and 6 electric bicycles for travelling back and forth between the two

sites in Bürmoos. In the FY 2020/2021, the Covid-19 pandemic has caused a significant reduction in the kilometres travelled for business purposes. Not all the kilometres travelled in petrol cars (hybrids) were registered, as the mileage of the leasing vehicles was not included. However, tanking was taken into account for consumption values (fuel as an environmental aspect). The complete set of values will be included from the next financial year onwards.

Fleet

	FY 18/19	FY 19/20	FY 20/21
Cars	35	39	29
of which Diesel	25	28	17
of which electric cars	7	8	7
of which hybrid cars (petrol)	2	2	4
of which petrol	1	1	1
Trucks	3	0	0
Forklifts	1	0	0
Hoftrac (Diesel)	1	2	2
E-bikes	4	6	6
Vehicles in total	40	41	31

	FY 18/19	FY 19/20	FY 20/21
Total mileage (in km)	749,510	723,550	433,660
Diesel	622,900	621,170	395,430
Electric	63,010	44,090	35,430
Petrol (hybrid)	63,600	58,290	2,800*

*Exclusively hybrid and leasing vehicles (mileage not recorded in 2020/21)
(This table shows the current number of vehicles in the W&H fleet)

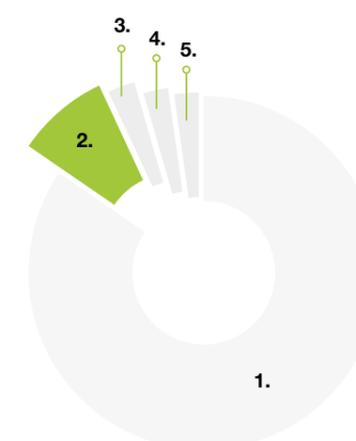
IT hardware

Wherever technologically and economically feasible, hardware at W&H is repaired, thus extending its life-cycle. If computers need to be replaced, they are refurbished by our IT department and given to employees, associations or schools for a voluntary donation. The donation is paid into a social fund, administered by the works council.

Electricity

Bearing in mind our environmental performance and carbon footprint, we purchase **100% certified green electricity from renewable energy sources from our energy provider.**

Our **photovoltaic plant** has a total output of 536.4 kWpeak, enabling us to produce up to **535 MWh of electricity per year**, which corresponds to 6 to 10% percent of the electricity required for production.



Energy source	Supplier mix in percent
1. Hydropower	88.22
2. Wind power	8.09
3. Solid or liquid biomass	1.35
4. Solar energy	1.49
5. Other green energy sources	0.85
Renewable energies	100.00

The environmental impact of production was as follows:

CO2 emissions	0.00 (g/kWh)
Radioactive waste	0.000000 mg/kWh

Documented evidence from Austria (60.03%) and Norway (39.97%).

Fuel Mix Disclosure

according to § 78 section 1 and section 2 EIWOG (Austrian Electricity Act) 2010 and Regulation on Fuel Mix Disclosure 2011 for the period from 1/1/2021 until 31/12/2021.



Heating and cooling facilities

Our sites (plant 1 and 2) are heated using gas-condensing boilers as well as heat from our heat recovery system. A heat pump is also in use in plant 2.

We continue to investigate a switch to more climate-friendly cooling agents, taking into account a range of criteria such as compatibility with the plant, temperature ranges, safety etc.

The cooling units in both plants are operated using HFC cooling agents:

- › R 134a
- › R 407c
- › R 410a

Waste management

Clear rules for waste collection in rooms and at the waste collection points are in place for sites and departments, ensuring the homogeneous separation of waste. Waste is collected by the appointed recycling company, which makes sure that the waste is disposed of in line with applicable regulations. Waste volumes are recorded in a database. Our waste management concept helps us monitor the amount of hazardous and non-hazardous waste that we generate on an ongoing basis. A waste officer ensures that the concept is always up to date, that waste is separated correctly, and that efforts are made to continuously reduce waste in all areas.

In particular our state-of-the-art automated recycling system for metal chips and oil is a shining example of our ambitious waste management. All metal chips are collected separately, deoiled and picked up by a recycling company. If a collection is required, the company is notified automatically by a system using weight sensors. This optimises efficiency and reduces the number of unnecessary trips. The oil obtained during the metal chip preparation is filtered once more and stored until it is re-used. Effectively, this means that 90% of the oil is reintroduced into the production cycle.

Production

Production

The entire W&H production is state-of-the-art and relies on energy efficiency: LED lighting, heat recovery (waste heat utilisation), redundant power supply, high-pressure water spray system, compressed air systems, cooling plants etc.). The metal chip reprocessing plant mentioned earlier ensures that metal chips are recycled in the best possible way, and that oil remains in the production process in an open loop.

By optimising our processes on an ongoing basis, we strive towards resource preservation as outlined in our environmental policy. Sandblasting is a particularly good example: The process was optimised as part of the new construction phase (switch to 2-phase sandblasting), which means a reduction of working material by approx. 43%.

We purchase our production machines from leading technology pioneers, service them regularly and ensure that they are set up to work in a resource-friendly, energy-efficient way. If machines need to be replaced, we also prioritise resource and energy efficiency when purchasing new products. Where operable machines are replaced due to quality considerations, they are usually resold and not disposed of.

Our state-of-the-art, semi-automated galvanics unit ensures an optimised surface coating process. Once again, the emphasis is very much on using non-hazardous chemicals of the highest quality, with a low environmental impact. Chemicals are stored in line with legal requirements. Our safety technical equipment prevents any chemicals from being released into the environment. Rinse water from the galvanics unit is processed in a state-of-the-art wastewater treatment plant before being fed into the municipal wastewater system.

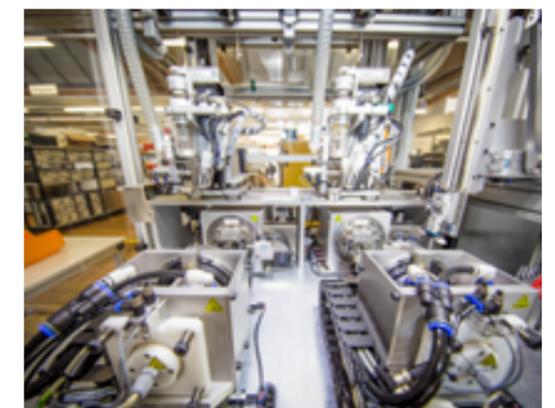
Assembly

Some of our suppliers use recyclable packaging, which reduces packaging waste. When it comes to auxiliary materials, substances that are hazardous to health or the environment are replaced by safer choices wherever possible. A dedicated glue storage area ensures that glue is only ever purchased in the required quantities, reducing the amount of glue that needs to be disposed of because open containers haven't been fully used before the end of their shelf life.

After using up the existing stock, we will switch our pallet sheets to a more environmentally compatible alternative (bubble wrap). The focus is on ongoing improvements, also in this area.

Printing shop

Our in-house printing shop is primarily used for printing product manuals. The efficient use of paper is a key priority, in line with the principles of good management and resource preservation. In addition, we only use paper with a 100% PEFC certification and the EU Ecolabel.



Working materials & chemicals

Wherever possible, we replace hazardous substances with less risky alternatives. Due to production processes, it is not always possible to fully replace all hazardous substances. However, these are stored and used in such a way as to minimise environmental impacts. The necessity to use specific substances is evaluated constantly.

W&H takes safety measures to reduce the risk of damage caused by environmentally hazardous working materials. Workplace-related safety data sheets are available for the working materials used in all relevant areas. W&H employees follow detailed operating guidelines for every production process, outlining possible health and safety as well as environmental risks, how to prevent them and what measures to take in case of emergencies. Special teams and experts (for instance for chemicals) were appointed and receive regular training.

In 2021, W&H replaced its chromium VI coating, hazardous both in terms of health and the environment, by the environmentally more compatible and safe chromium III.

Product packaging, dispatch preparation and dispatch

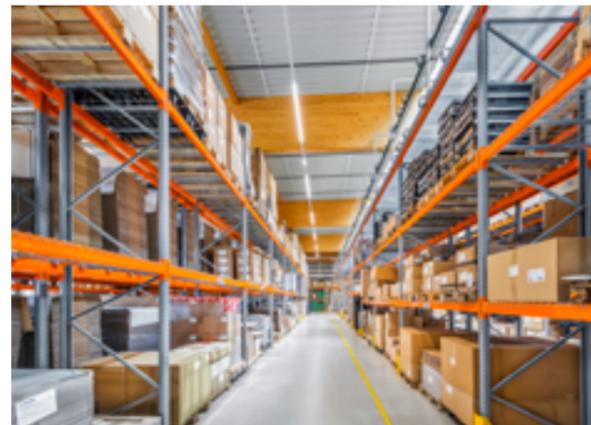
Product packaging is taken into account even during the product development and design process. We work according to the principle “as much as necessary, as little as possible”. Safety and stability are key.

In recent years, W&H made the switch from aluminium and tinfoil cans to cardboard packaging. We constantly strive to find more environmentally friendly alternatives also for other packaging components, such as pallet sheets.

Transport and dispatch

We mostly use one main logistics company for delivering our products, although we might sometimes also hire smaller transport operators. Together with our logistics partners, we aim for continuous improvements, for instance by standardising logistics routes.

Talks on the greenhouse gas emissions caused by our dispatch activities are already underway. Our main logistics provider is able to provide CO2 reporting, which we would like to use to record our scope 3 values in future. The option of ECO transport is also being discussed.



Consumption and emission values

(data, key figures)

The following figures, data, table and diagrams reflect the environmental performance of W&H and show the consumption and emission values and key figures required by EMAS for the last three financial years.

Energy consumption values

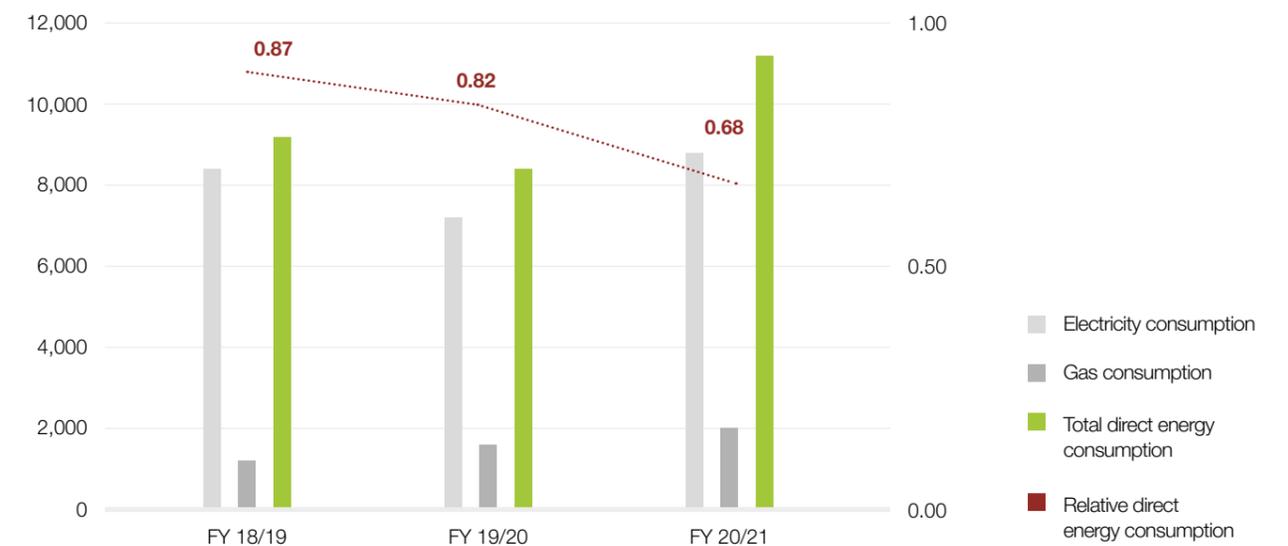
The following energy consumption values result from our activities:

- › Electricity
- › Gas
- › Fuel

Electricity/gas

The increased consumption of gas in the financial year 2020/2021 is due to the larger floor space and the use of provisional machinery during the expansion of plant 2. The higher electricity consumption is mostly due to the increase in the overall output quantity (production output). Direct energy consumption in relation to the built-up (heated) area has been minimised continuously since 2019 and has kept relatively constant in relation to the overall output quantity.

Direct energy consumption in MWh



Energy

	FY 18/19	FY 19/20	FY 20/21
Total electricity consumption	8,215	7,381	8,658
Of which green electricity (in %)	100%	100%	100%
Total renewable energy produced in-house (PV)	-	-	541
Total gas consumption	1,181	1,568	2,121
Total direct energy consumption (absolute)	9,396	8,949	11,320
Relative direct energy consumption	0.87	0.82	0.68
	in MWh / m ² of built-up area		

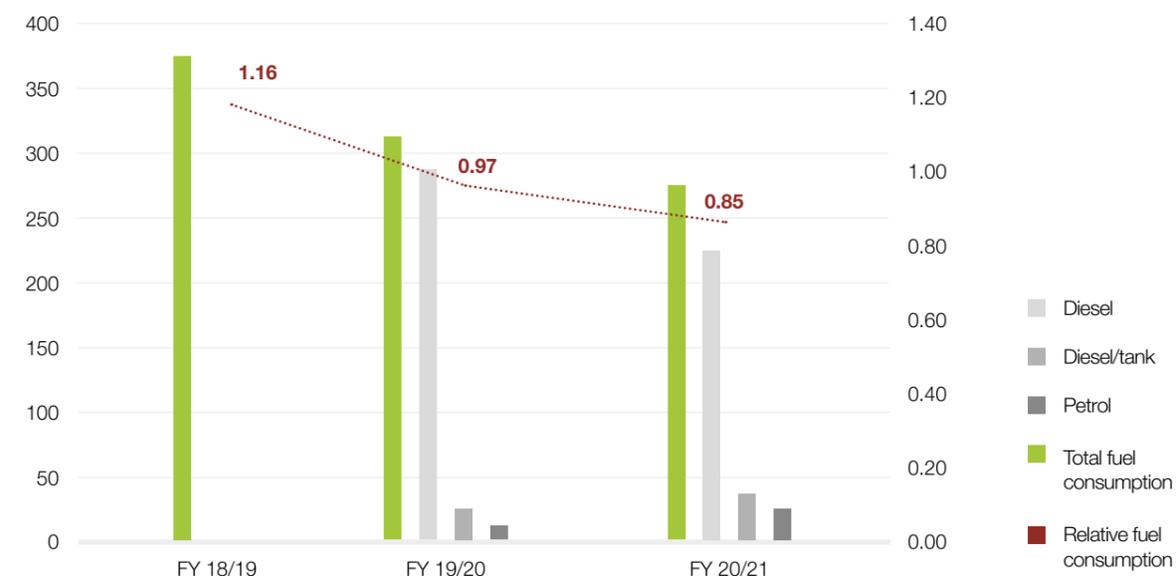
	FY 18/19	FY 19/20	FY 20/21
Relative direct energy consumption	24.54	28.27	27.90
	in MWh / overall output quantity		
Total renewable energy consumption	87%	82%	81%
	Share of energy from renewable sources in the total annual consumption (electricity and heating)		

Fuel

Consumption is measured based on the tank quantity of the fleet. Data was only recorded separately for each fuel type from FY 2019/20. The amount of fuel put in the tank might also be distorted by time components, for instance if the tank is filled up towards the end of the financial year, but consumption doesn't take place until the next financial year, or if the leasing company doesn't send out its invoices until the subsequent financial year. During the first Diesel tank period, it was not planned to use the entire amount of

fuel. Diesel was originally stored in tanks for use in emergency power generators. However, as Diesel needs to be used within a certain timeframe, W&H decided to use the fuel not just for aggregates, but also in vehicles such as wheel loaders, telescopic handlers, sometimes also rental boom lifts or forklifts. The reduction in fuel consumption since 2019 is due to the reduced number of business trips resulting from the Covid-pandemic.

Total fuel consumption in MWh



	FY 18/19	FY 19/20	FY 20/21
Total fuel consumption	378	315	275
Diesel	-	291	228
Petrol	-	18	33
Diesel tank	-	5	15
Relative fuel consumption	1.16	0.97	0.85
	Fuel consumption/employee (full-time equivalent)		

Emissions

W&H aims at reducing greenhouse gas emissions to a minimum. Increasing energy efficiency and the share of recycled materials are key considerations for its new production sites. The W&H Dentalwerk Bürmoos GmbH sites in Bürmoos are powered exclusively by green electricity and have their own photovoltaic plant for the in-house generation of green electricity. In its fleet, W&H relies on electric cars and bicycles. All other measures for waste prevention, production processes and resource efficiency are aimed at reducing green-

house gas emissions. In 2021, W&H began to perform lifecycle analyses to assess environmental impacts of products throughout their lifespan (including the CO2 footprint), and to implement improvement measures where they are most urgently required. These efforts will be intensified over the next few years.

CO₂ emissions (scope 1 + 2)

Scope 1 and 2 CO₂ emissions at W&H result from its fleet and the natural gas used for heating. 100% of the electricity purchased is green, and the energy provider issues a certificate to confirm this. In the course of the new construction of the production halls (plant 2), W&H decided to start operating its own photovoltaic plant, which contributes to the in-house production of green electricity. Any surplus is fed into the grid.

The increase of CO₂ emissions must be monitored, and measures aimed at reducing these values will be reflected in the future planning of targets and measures. The absolute increase of CO₂ emissions is most likely related to the increased demand in natural gas for heating. However, the relative CO₂ emissions from natural gas in relation to the built-up (i.e. heated) area have remained more or less constant over the last three years.

We aim at extending our data collection of greenhouse gas emissions to include scope 3, such as employee mobility, business trips, dispatch logistics etc.

Annual CO₂ emissions in tonnes



		FY 18/19	FY 19/20	FY 20/21
Annual relative CO₂ emissions	in t CO ₂ / Overall output quantity	1.17	1.66	1.71
Annual relative CO₂ emissions from natural gas	in t CO ₂ / m ² built-up area (heated)	0.03	0.04	0.03

* The BW-254 values issued by the Federal Environmental Agency in 2021 were used as the basis for the CO₂ conversion factors.

CO₂ emissions

	FY 18/19	FY 19/20	FY 20/21
CO₂ emissions scope 1			
from fuel (fleet)	128	99	87
from natural gas (boiler)	320	425	575
CO₂ emissions scope 2			
from electricity	0	0	0
Total CO₂ emissions (Scope 1+2)	448	524	662

Other airborne emissions

	FY 18/19	FY 19/20	FY 20/21
Total other airborne emissions in kg			
Sulphur dioxide (SO ₂)	0	0	0
Nitrogen oxide (NO _x /NO ₂) ↓	535,724	528,283	310,871
Particulate matter (PM) ↓	24,475	23,895	14,178
of which			
Other airborne emissions: gas			
Sulphur dioxide (SO ₂)	0	0	0
Nitrogen dioxide (NO _x) ↑	188	249	337
Particulate matter (PM)	0	0	0
Other airborne emissions: fleet			
Other airborne emissions: petrol/diesel			
Nitrogen dioxide (NO _x) ↓	528,605	523,184	306,637
Particulate matter (PM) ↓	23,341	23,102	13,540
Other airborne emissions: electric			
Nitrogen dioxide (NO _x) ↓	6,931	4,850	3,897
Particulate matter (PM) ↓	1,134	794	638

* The emissions figures for traffic issued by the Federal Environmental Agency in June 2021 were used as a basis for the conversion factors.

Consumption values for production

Materials (raw materials, auxiliary and operating materials)

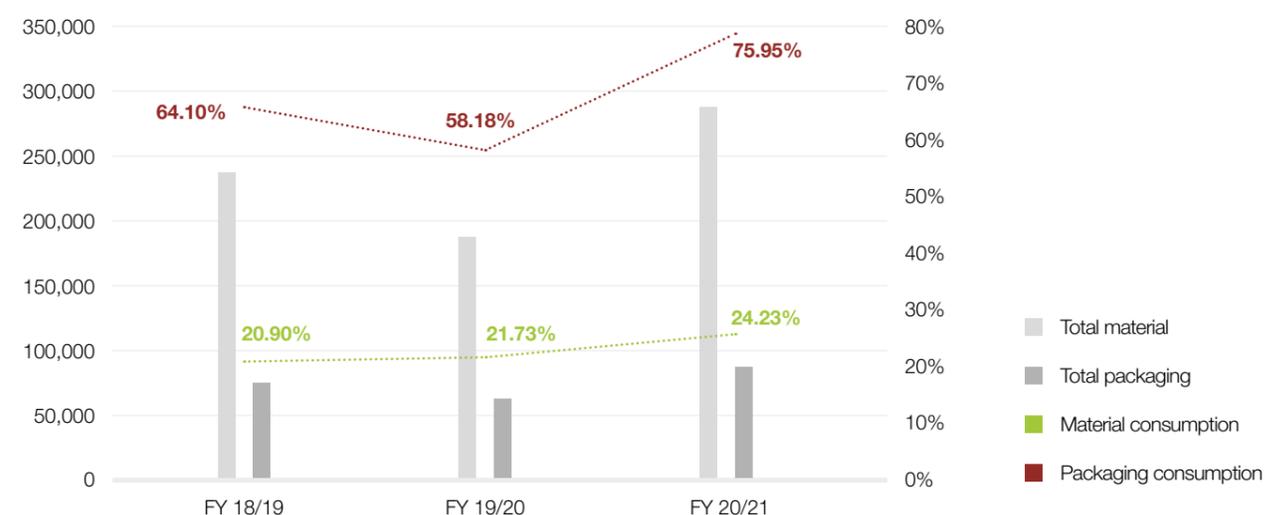
The following tables and graphs show the consumption values of the materials used. Raw materials (or operating materials) are metals (metal rods) and plastics (primarily small parts, casings, sometimes plastic rods)

The calculation of the overall output quantity refers to the weight of the products sold. The fluctuation of the material consumption values between FYY 19/20 and 20/21 is due to the fact that during the move of production to plant 2 the in-house production buffer, which usually accumulates due to the W&H production model with daily routines, was depleted to make the move easier. The increase in material consumption in the FY20/21 is due to the buffer being rebuilt.

The material consumption used for the calculation includes only raw materials (metal, plastic), auxiliary and operating materials. Furthermore, small parts, compounds and bought-in parts are also used, which have so far not been included in the calculation. To improve comparability, this formula was retained in the Environmental Statement. To further improve the monitoring of the environmental impact of our materials and packaging, we initiated measures to record the quantity of material used in a more comprehensive, simplified manner in future, thereby ensuring a more precise evaluation. The database will be reviewed from the financial year 2021/22.



Use of materials and packaging in kg



	FY 18/19	FY 19/20	FY 20/21
Total material	245,457	184,155	293,424
Total packaging	80,041	68,790	93,612
Cardboard	70,334	61,404	84,086
Plastics	7,225	5,877	9,526
Metal	2,482	1,509	-
Operating materials	38,033	30,915	39,529
of which chemicals	7,626	6,473	11,540
Raw materials			
Metal	157,057	114,844	202,115
Plastics	50,152	38,237	51,160
Auxiliary materials	215	159	620
Copy paper	4,000	4,000	5,500
Printing paper	22,700	19,505	21,760

	FY 18/19	FY 19/20	FY 20/21
Material consumption (raw materials, auxiliary materials, operating materials)	64,10%	58,18%	75,95%
Use of packaging	20,90%	21,73%	24,23%

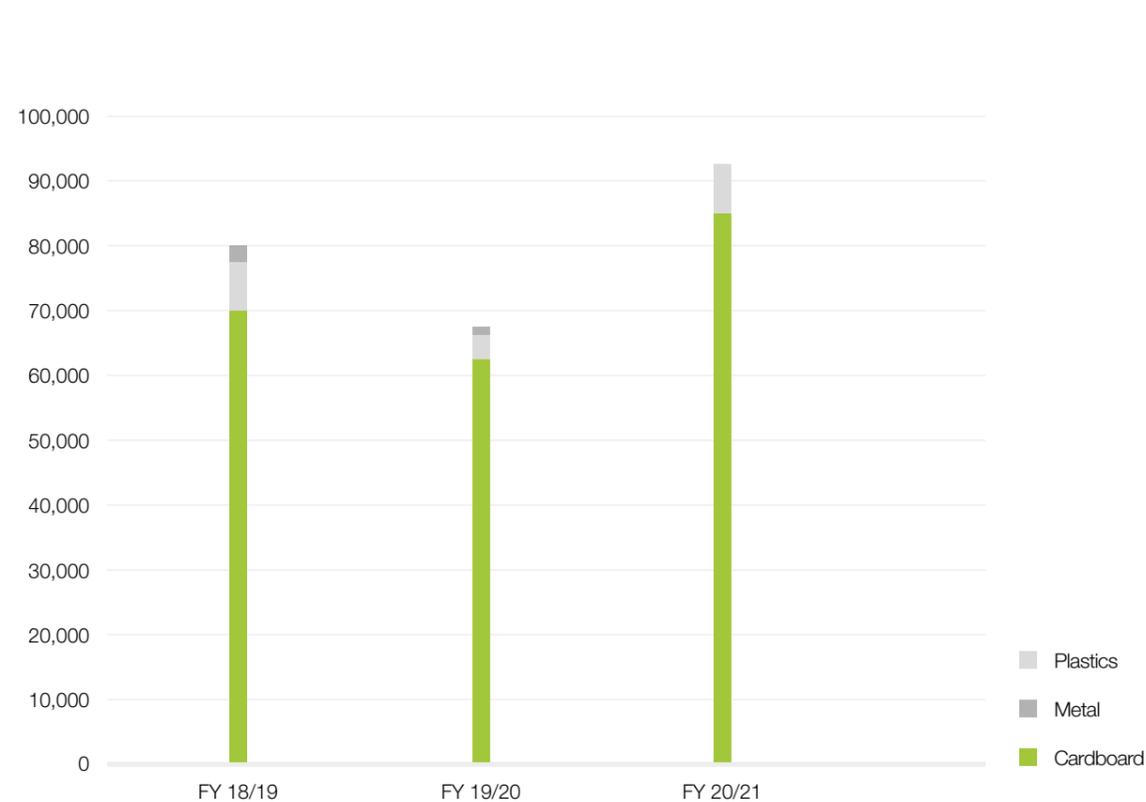
* (not including packaging, copy paper and printing paper)

Packaging material was classified as relevant in the assessment of environmental aspects as well as in the input-output analysis. A potential analysis showed that there are ways of reducing the amount of packaging used. The increase in packaging material over the last three years also indicates that measures need to be taken to reduce usage. To get a more concrete idea, the individual packaging materials were given a closer look. Most of the packaging used at W&H is cardboard. Plastics are used when this is required for hygiene reasons and to ensure the safe transport of the

product in question. Metal packaging, which requires a lot of energy to be recycled and is heavy to transport, was discontinued in the financial year of 2020/21.

The reason for the increase in packaging material has not yet been studied sufficiently. There is a vast array of packaging designs in use at W&H, adding complexity to this topic. In the next few financial years, measures will be taken to minimise packaging, while still ensuring safe transportation.

Packaging consumption in kg by material type



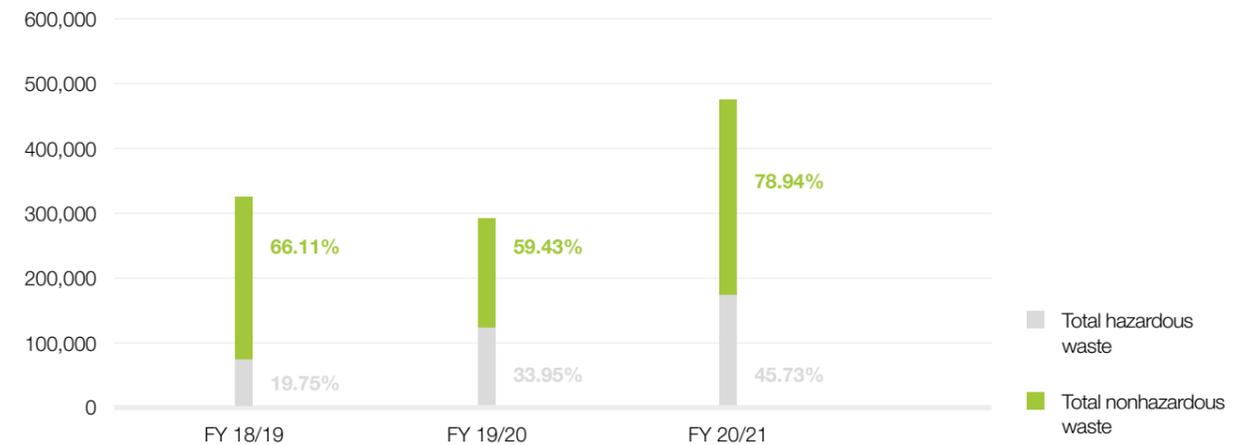
Waste

The table below provides an overview of the waste generated at W&H. As described in the chapter “waste management”, preventing waste is key at W&H. Where this is not possible, waste must be strictly separated and disposed of in compliance with legal stipulations in order to recycle as much of it as possible.

In the financial year 2020/21, the amount of waste generated increased as a result of the larger output quantity of manufactured products. Additional waste was also generated by the construction work during the expansion of plant 2, e.g. commercial waste and plastic packaging (packaging of the new furniture, general rubbish etc. as well as used oil resulting from machine oil needing to be replaced, which would normally be

reused, but has to be disposed of if machines are dismantled). The increased amount of emulsions is due to the restructuring of the disposal process (separate collection by the waste disposal company instead of treatment via the wastewater system). The increase of acids/bases/toxic substances/chemicals resulted from a technical glitch in the galvanics unit. The production processes had to be interrupted, and the basins of the unit had to be completely refilled. The basins were fully drained prior to refilling, and the contents collected by a waste disposal company as industrial waste. It should also be noted that the waste quantities sometimes shift across financial years due to the collection cycles of the disposal companies.

Annual waste generation by waste category in kg



Total relative annual generation

		FY 18/19	FY 19/20	FY 20/21
of hazardous	in relation to overall output quantity	19.75%	33.95%	45.73%
of non-hazardous waste	in relation to overall output quantity	66.11%	59.43%	78.94%

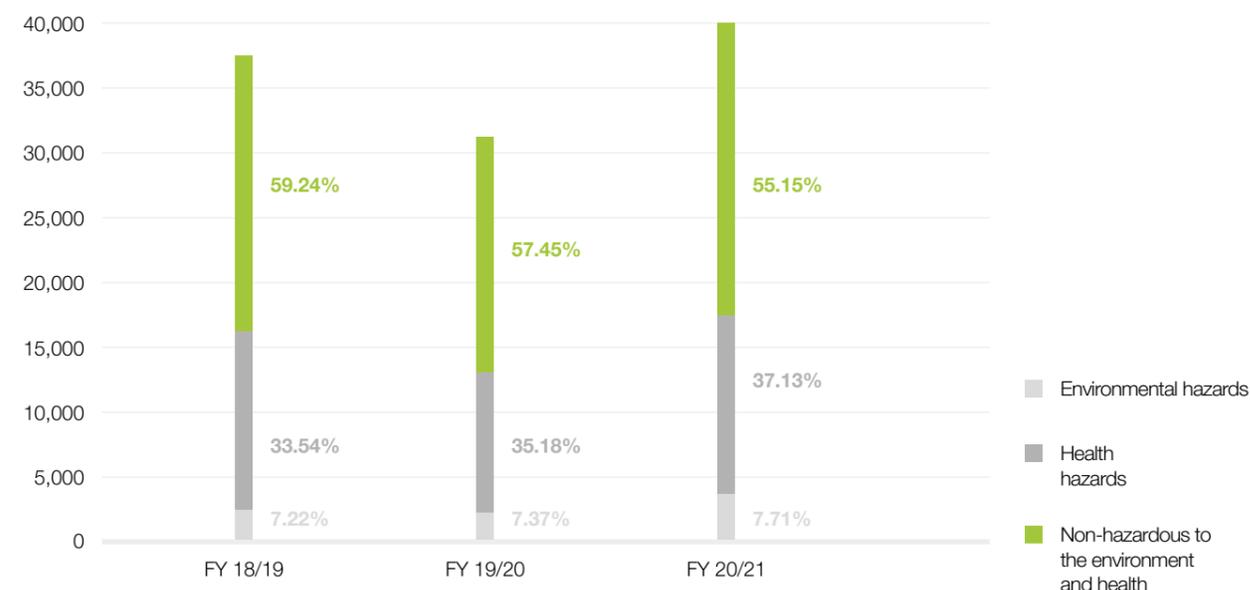
Waste generated

	FY 18/19	FY 19/20	FY 20/21
Total hazardous waste	75,629	107,459	176,694
Used oil	1,430	2,688	3,555
Emulsions	51,007	34,565	130,256
Oil-water mixtures	-	-	230
Waste containing oil	660	1,080	560
Oil separator contents	5,439	3,000	-
Small electric and electronic appliances	560	280	220
Nickel-containing galvanics sludge	-	51,330	9,390
Other metal hydroxide sludges	980	905	1,180
Aerosol dispensers, spray cans	182	151	162
Acids, bases, poisons, chemicals	15,371	13,460	31,141
Total non-hazardous waste	253,157	188,093	304,994
Used blasting sand	6,970	1,850	5,090
Wastepaper	64,980	51,400	55,200
Organic waste	2,400	2,400	2,400
Packaging ("Yellow Bin")	9,040	4,600	9,620
Commercial waste	6,600	8,520	15,080
Metal chips	163,166	119,322	217,603
Recycling quota for metal chips	100%	100%	100%

Hazardous and environmentally hazardous substances

The classification of working materials into the three categories of "environmental hazards", "health hazards" and "non-hazardous to health and the environment" is based on manufacturers' safety data sheets, more precisely on the safety indications for hazardous materials that are used as part of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). Substances From the H400 category

(Hazardous Statement) are considered environmental hazards and were classified accordingly. All other H statements were classified as hazardous to health. Where neither classification applies, the substance was placed in the category "non-hazardous to health and the environment".

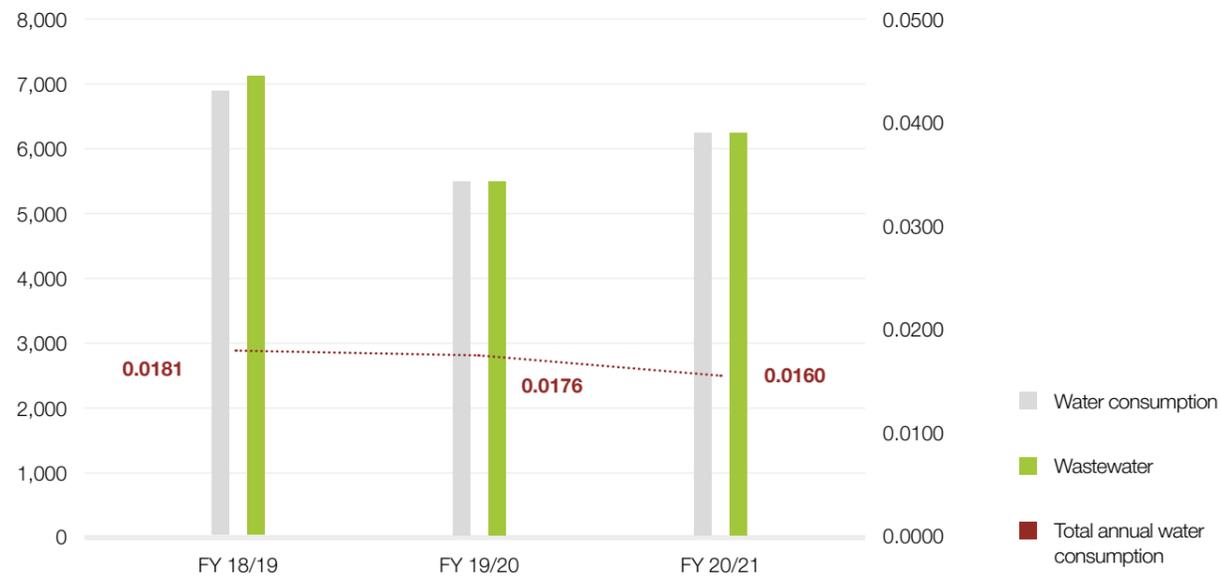
Working materials in kg**Overview of working materials**

	FY 18/19	FY 19/20	FY 20/21
Total working materials (auxiliary and operating materials)	38,248	31,074	40,149
Environmental hazards			
in kg	2,762	2,290	3,097
in % of total working materials	7.22%	7.37%	7.71%
Hazardous to health			
in kg	12,827	10,932	14,909
in % of total working materials	33.54%	35.18%	37.13%
Non-hazardous to the environment and health			
in kg	22,659	17,852	22,143
in % of total working materials	59.24%	57.45%	55.15%

Water

Water consumption plays a minor role at W&H. The demand in water results to a lesser extent from production, and primarily from surface coating and the cleaning of machines. The largest share is required by the sanitary facilities.

Total annual water consumption in litres



Water

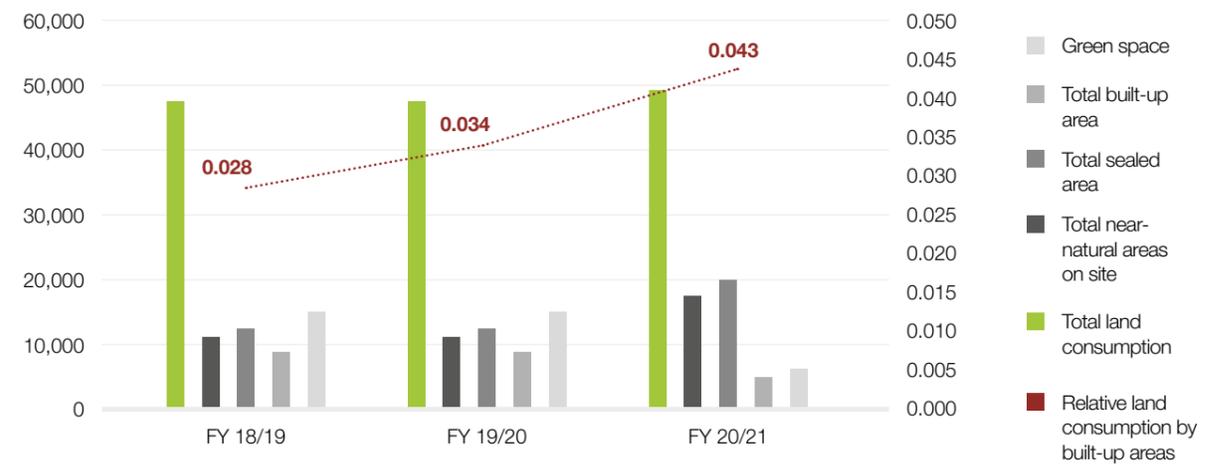
		FY 18/19	FY 19/20	FY 20/21
Water consumption	in m ³	6,930	5,555	6,167
Waste water	in m ³	7,097	5,555	6,167

		FY 18/19	FY 19/20	FY 20/21
Total relative annual water consumption	in m ³ / kg (overall output quantity)	0.0181	0.0176	0.0160

Land usage (biodiversity)

Due to the expansion of the plant, the built-up area has increased in recent years. Detailed area layouts that also provide information on land usage were first drawn up in the financial year of 2020/21 and will enable the exact monitoring of our land usage in future. Data from the 2018/19 and 2019/20 financial years were calculated retrospectively based on legacy layouts and are thus estimates only. More land was used following the expansion of the plant 2 production site. As the facilities are also being used more freely in order to improve working conditions for the employees, relative land usage has increased over the last three years.

Total land usage in m² (plant 1 and 2)



Land usage at both sites (plant 1 and 2)

		FY 18/19	FY 19/20	FY 20/21
Total land consumption	in m ²	47,923*	47,923*	49,425
Total built-up areas	in m ²	10,852*	10,852*	16,592
Total sealed area	in m ²	13,170*	13,170*	19,951
Total near-natural areas on site	in m ²	8,366*	8,366*	5,836
Green space	in m ²	15,535*	15,535*	7,046

* These are estimated legacy values.

		FY 18/19	FY 19/20	FY 20/21
Relative land consumption by built-up areas	in m ² / kg overall output quantity	0.028	0.034	0.043

Environmental Programme

At least once a year, W&H draws up an Environmental Programme, based on the decisions taken during the Management Review.

The Environmental Programme is continuously expanded by additional measures and activities and their status is observed and recorded on an ongoing basis. The table below shows the planned and implemented activities for the financial year 2017/18. Since the introduction of our Environmental Programme (2007), numerous measures have been implemented. In the following Programme, the measures from the last three financial years are shown with their respective implementation status.

Planned and implemented measures since FY 2017/18

Topic	Target	Measure	Planned reduction	Date	Area responsible	Status
Energy	Construction of a plant with a view to energy conservation:	Project: new construction of plant 2		Nov 2021	Facility management	
	1. Allocation of energy flows for production and infrastructure	Compilation of an energy concept as part of the expansion process. Measure was partially implemented. The infrastructure for measuring the energy flows was installed during the construction process. The module for data evaluation has not yet been integrated into the infrastructure.		Dec 2023	Facility management	in progress
	2. Use of photovoltaics to reduce the amount of purchased energy	Construction of a photovoltaic plant during the new construction of plant 2 Output of the PV plant: 536.4 kWpeak/year	Approx. 500 MWh of green electricity generated in-house electricity per year that isn't purchased from the grid	Nov 2021	Facility management	Implemented
	3. Reduction in emissions (noise, CO2, other...)	During the construction process, measures to reduce emissions were drawn up and implemented	Continuously, but no measurements performed at present	Nov 2021	Facility management	Ongoing
	4. Energy conservation through LED lighting	Switch from fluorescent tubes to LED (plant 1 and Central Services)	15,528 KW per year	Oct 2017	Facility management	Implemented

Topic	Target	Measure	Planned reduction	Date	Area responsible	Status
Organisational matters	Development of an evaluation system for supplier sustainability	Project: Validation master plan for outsourced processes: By asking our suppliers about their environmental management policies, we can boost their ecological awareness as well as the quality of supplier relations		Nov 2017	Procurement	Implemented
	To improve the monitoring and documentation of requirements from official decrees	Project: Implementation of new maintenance software Monitoring of the implementation of environmentally relevant decrees, including the evaluation of compliance, in a dedicated database (software)		Dec 2017	Facility management	Implemented
Health and safety	Reduction of hazardous substances (hazardous to health, hazardous to the environment)	Project: New construction of the galvanics plant as part of the new construction of plant 2 Replacement of chromium VI with chromium III		Aug 2021	Facility management	Implemented
		Project: Discontinuation of Epoxonic 77 coating line: Replacement of Epoxonic with Araldite		May 2019	Assembly	Implemented
	Improvement of the system to efficiently depict consumption of hazardous working materials	Together with the interfaces (procurement), the current situation is analysed and future concepts are drawn up on this basis.		Dec 2022	Quality management, Procurement	in progress
Energy / Noise	Noise reduction of the cooling units from dB(A) 80 to 55 dB(A)	Reduction of noise emissions	The machines were set up in such a way that the 35 dB(A) threshold is not exceeded.	March 2021	Facility management	Implemented
	Increasing the reliability of energy control centres to ensure uninterrupted operation. Ensure optimum use of energy supply through well system	Adjustment to the current demand for heating/cooling to ensure process cooling (even in case of system failure incl. emergency circuit)	Goal = redundant operation	March 2021	Facility management	Implemented, optimised continuously
		Cooling/heating/pressurised air				
		Due to the heating of the groundwater, the overall plant was reviewed - goal: to ensure optimised use of groundwater Cooling is handled either via groundwater or outside air As of: 08/2022 – Groundwater is used mostly for heating, cooling plant works better with outside air	Optimal use of the well system is monitored continuously	March 2021 ongoing	Facility management	Ongoing

Topic	Target	Measure	Planned reduction	Date	Area responsible	Status
Waste	Determine volume and origin of wastepaper production to better define reduction potentials	Investigate the origin of wastepaper (is it caused by suppliers, etc.)	TBD (most likely - 20% wastepaper reduction (approx.11 tonnes))	Apr 2022	Environmental management	Implemented
		Measures will be included in the 2023 Environmental Programme				
Environmental Management System	First-ever validation of the EMS according to EMAS at the W&H Dentalwerk Bürmoos	With the support of an external consultant, the additional EMAS requirements are integrated and implemented within the existing EMS. An external audit must be conducted to complete the validation.		Oct 2022	Environmental management	Implemented
		Compilation of Sustainability Report for W&H Dentalwerk Bürmoos	The Sustainability Report is compiled on the basis of the Environmental Report drawn up as part of EMAS. The first report refers to the FY 2021/22.	Feb 2023	Environmental management	in progress
Airborne emissions	Development of a concept for promoting low-emission employee mobility	The analysis of the "Employees/Mobility" study conducted by Sattler is evaluated. On this basis, proposals will be drawn up to convince employees to use public transport, for instance. A potential analysis on CO2 reduction will also follow.		Nov 2022	Environmental management	Implemented
	Review Fleet Directive	The existing Fleet Directive will be reviewed so that low fuel consumption and low emissions have to be given greater consideration when purchasing a company car.		Nov 2022	Facility management	Implemented
	Installation of e-charging stations for employees in plant 2	In the course of the construction a new canteen, e-charging stations for employees will also be provided.		Nov 2022	Facility management	Implemented

Topic	Target	Measure	Planned reduction	Date	Area responsible	Status
Binding commitments	Analyse binding commitments together with expert consultants and make them available to the employees in a condensed, comprehensible manner	Together with ConPlusUltra GmbH, the binding commitments that apply to W&H Dentalwerk Bürmoos are analysed and integrated into a web tool. The legal texts are provided by ConPlusUltra in a condensed, comprehensible version in the web tool.		March 2022	Environmental management	Implemented
Material	Optimise the sandblasting process to reduce the consumption of sandblasting material	2-phase blasting, sand/glass pearls, reduced wear	Approx. 6,000 kg sandblasting material - 30%	Jul 2022	Production	Implemented De facto reduction -43% (7,000 kg)
Wastewater	Reduced use of chemicals during wastewater processing	Fewer chemicals in kg/t are used in the wastewater plant. Use of improved flocculating agents has improved the process efficiency of the plant	Acid/alkaline, Aquakat - 55 % Complex H ₂ O ₂ - 80% Aquakat - 32.5 %	Aug 2022	Production: Galvanics unit (OBE)	Implemented; the specified reductions were realised

Some of the measures included in the Environmental Programme of the last three years were related to the environmentally relevant project “expansion of plant 2”. Over the course of the project, most of the planned measures were implemented successfully. For instance, the newly constructed **photovoltaic plant** was put into operation in the financial year of 2020/21, generating approx. 500 MWh of electricity per year. This corresponds to 6 to 10% of the energy demand in production.

By switching the entire **lighting system to LED**, more than 15,000 kWh of electricity per year are saved. The failure safety level in the energy control centres was increased by means of redundant operation. The system adapts to the need for heating/cooling

to ensure process cooling (even if the systems fail, incl. emergency circuit) to ensure failsafe operation. **Groundwater** is used for the heat supply. The cooling machines were adjusted for noise levels and now emit significantly fewer dB.

One measure yet to be implemented from the expansion project is the allocation of electricity flows to improve electricity monitoring and enable targeted monitoring/controlling. The basis for this was already created with the required hardware (meter structure). What remains to be done in 2023 is to implement the appropriate software.

Regarding the reduction of hazardous working materials, the switch in surface coating from chromium VI to chromium III, which is classified as non-hazardous to health, was one of the major successes of the last three years. We are particularly happy about this step as it enabled us to offer our customers straight and contra-angle handpieces and turbines of the same outstanding quality while using materials that are safer for humans and the environment, thanks to targeted in-house research and innovations in **surface coating**. In our coating plant, we were also able to replace yet another working material with a substance that is non-hazardous to health and the environment. In the galvanics unit (surface coating), the use of chemicals was optimised in such a way that a reduction

in chemicals by 32 to 80% was achieved, combined with improved wastewater quality.

Regarding the **reduction of material consumption**, a significant improvement was reached in the manufacturing step of sandblasting. Thanks to two-phase blasting, once with sand and once with glass pearls, the sandblasting material wears out less quickly, reducing material consumption over time. Overall, a **sandblasting material reduction of 6,000 kg** was achieved.

To be able to monitor binding commitments even better in future, a new legal register software was implemented. Another major success is the **first-time**



validation of or Environmental Management System according to EMAS, and we are proud to present the result - this Environmental Statement. The plan is to publish our first-ever Sustainability Report next year, and we are already working on it.

Organisational matters also included the successful development and introduction of an **assessment system for suppliers**, which enables us to take a certain amount of responsibility for environmental protection in our supply chain. In addition, **decree management** was integrated in our maintenance software, helping us to keep track of our obligations resulting from official decisions and decrees. Regular review and measurement data is fed into the system on a regular basis to generate automated records and

to document implementation. An improved process for using the software is currently being worked on.

When it comes to climate-friendly mobility, W&H is promoting electric vehicles: In the course of the construction work for the new canteen, preparations were made for the commissioning of several **e-charging stations for employees**, which will be fully operable in the FY 2022/23. Our reviewed **Car Policy** is also an important factor for promoting e-mobility in the company fleet.



Declaration of the environmental auditor on **assessment and validation measures of the Environmental Statement**

The undersigned, **Dipl.-Ing. Dr. techn. Georg Buchtela,**

member of the EMAS Environmental Audit Organisation, registration number ATV0004, accredited or approved for the area “medical precision instruments and devices”, NACE code 32.5.0, confirms to have assessed whether the entire organisation, as specified in the Environmental Statement/the updated Environmental Statement of the organisation

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Ignaz-Glaser-Straße 53, 5111 Bürmoos**

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registration number AT-000765,

has fulfilled/is fulfilling all the requirements of Regulation (EC) 1221/2009 of the European Parliament and Council from 25 November 2009 on the on the voluntary participation by organisations in a Community eco-management and audit scheme (EMAS), taking into consideration Regulation (EU) 2017/1505 from 28 August 2017 and Regulation (EU) 2018/2026 from 19 December 2018.

On signing this Statement, it is confirmed that

- › the review and validation process was performed in full compliance with the provisions of Regulation (EU) 1221/2009,
- › the result of the review and validation process confirms that there is no evidence of non-compliance with applicable environmental legislation,
- › the data and information contained in the Environmental Statement/the updated Environmental Statement (*) of the organisation delivers a reliable, credible and truthful picture of all the organisation’s activities that fall within the scope of the Environmental Statement

This Statement should not be considered equivalent to EMAS registration.

Such registration can only be performed by a responsible authority in line with Regulation (EC) 1221/2009. This Statement may not be used as an independent basis of information for the public.



The undersigned,
Dipl.Ing Dr. techn. Georg Buchtela

Vienna, 14 October 2022
Dipl.Ing Dr. techn. Georg Buchtela MSC
MAS Chief Auditor



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