Dentsply SIRONA at the Bensheim site

Environmental Declaration 2023

Translation of the validated German Environmental Declaration

Table of contents

Preface

This environmental declaration relates only to the Dentsply Sirona site in Bensheim, Germany.

Every day, Dentsply Sirona enables dentists and dental technicians around the world to provide better dental care to millions of patients and put smiles on people's faces. As a leader in the dental industry, it is our responsibility to deliver significant innovations and to put our customers at the center of everything we do every day. We are committed to delivering on our promises and being a reliable partner to our customers and to each other.

For Dentsply Sirona, environmentally oriented corporate management is, in addition to quality assurance and occupational health and safety, a very important instrument for securing the future of the company. The environmental management system at the Bensheim manufacturing site has been certified according to EMAS since 1996.

EMAS stand for Eco-Management and Audit Scheme and is a European Union Regulation which is also known as the EU Eco Audit. It is a common environmental management scheme for companies that seek to improve their environmental performance and it goes beyond the requirements of the environmental management standard DIN EN ISO 14 001.

Sirona Dental Systems GmbH is a member of the Hessian Environmental Alliance which has the objective to reinforce the economy's responsibility for the benefit of the environment, the reduction of bureaucracy and the set-up of an attractive environmental protection framework in the Hessen business locations. Participation in EMAS and membership in the Hessian Environmental Alliance are an expression of the commitment to environmentally friendly activities and guarantee a functioning Environmental Management System.

In addition, Dentsply Sirona committed to ambitious energy saving targets at the Bensheim location by signing an environmental pact "Energy efficiency network Frankfurt Rhine-Main" with nine other employers in the region in 2015.

With this environmental declaration, Dentsply Sirona informs the interested community about environmental protection activities at the Bensheim site. The relevant applicable environmental declaration along with the occupational health & safety certificates are available online under:

Employee Health and Safety | Dentsply Sirona Global

The environmental declaration is available to all employees via the Dentsply Sirona Community intranet.

1. Dentsply Sirona at Bensheim site

Treatment centers | Imaging systems | CAD/CAM systems | Instruments | Hygiene systems

Dental treatment centers (dentist chairs), imaging systems (X-ray devices), CAD/CAM systems (dental equipment for computer-assisted dental reconstruction), dental instruments and hygiene systems are developed and produced at the Bensheim site.

The company premises 202,601 m² in size include the factory, office buildings and a logistics center. The sealed area is 100,645 m². The entire natural area at the site is 2,285 m².

Bensheim is the largest production sites within the company's group with approx. 2,330 employees. As a result of continuous investments and improvements the site has been sustained and safeguarded over the long-term.

Dentsply Sirona has implemented a certified quality management system at its Bensheim site in accordance with international regulatory requirements for medical products. This permits the company to place technologically high-quality and innovative products and services on the market. Dentsply Sirona products can be found in all treatment areas and field of activity in modern dental practices.

Dentsply Sirona's main headquarter is located in Charlotte, North Carolina, USA, while the international headquarter is located in Salzburg, Austria. The company's shares are listed on the US technology exchange NASDAQ under the symbol XRAY.

Dentsply Sirona is a global team in which employees motivate each other to achieve top performance. The company promotes these excellent achievements, lives personal responsibility and acts with uncompromising integrity.

1.1 Scope of the Environmental Management System

The scope of the Environmental Management System of Dentsply Sirona is defined along the life cycle of the products as follows:

Phases of life-cycle

1 = Specification of products / purchase of raw materials

2 = Product-Development / process-planning

3 = Manufacturing

4 = Transport / delivery

5 = Use by end-users

6 = End of life handling and final disposal

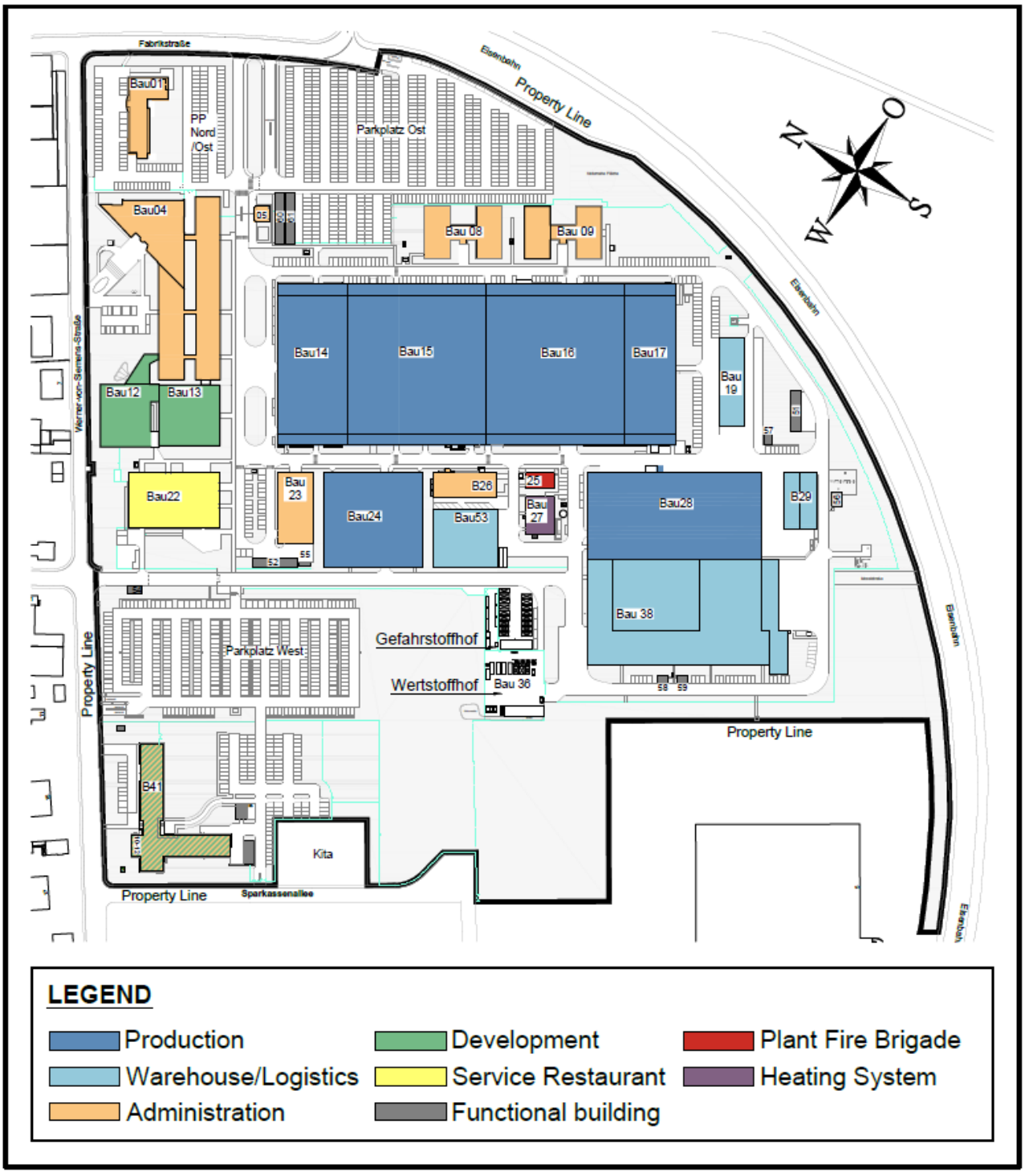
Life-cycle

Phases of life-cycle		Environmental aspects								
		Consumption of Energy	Consumption of recources	Consumption of area	Hazardous substances	Water	Waste water	Waste	Emissions	Noise
1	Extraction of raw materials and transport	2	3	1	-	1	1	1	2	-
	Production of purchased parts and raw materials und supplies	2	3	1	1	-	-	-	2	-
	Establishment of production facilities / infrastructure	3	3	2	-	-	-	2	3	2
	Generation of energy	3	3	2	1	-	2	2	3	-
	Transportation to the production facilities	3	2	2	1	-	-	-	2	3
2	Product-Development	2	2	1	2	1	2	2	2	-
	Process development / planning and procurement of production facilities	3	3	2	1	1	2	3	3	1
	planning and procurement of infrastructure	3	3	2	-	-	-	2	3	2
	Procurement of purchased parts and raw materials und supplies	2	2	1	2	-	-	3	1	-
	Other transport operations (for example of waste)	2	2	-	2	-	-	2	1	-
3	Operation of production facilities	3	3	1	1	1	1	2	3	1
	Inhouse transport	1	1	2	1	-	-	-	1	1
	Disposal of waste	3	1	1	2	-	-	3	3	1
	Maintenance	1	1	-	1	-	-	1	-	-
	Service of operational infrastructure	3	3	-	-	2	2	2	3	1
	Storage	1	-	2	2	-	-	-	1	-
4	Transport	3	3	2	1	-	-	-	3	3
5	Use of the products	2	2	-	1	1	1	1	2	1
6	Product disposal at the end of the life cycle	1	2	1	1	-	-	2	1	1
	Disposal of production facilities	1	2	2	1	-	-	2	1	1
	Disposal of operational infrastructure	1	2	2	2	-	-	2	2	2

Relevance	
-	not relevant
1	low
2	intermediate
3	high
Scope of the EMS	

1.2 Layout of Bensheim site

The site is located at the south of industrial park to west of the City of Bensheim.
The linear distance to the next residential area is approx. 30 m.



1.3 Structure of Dentsply Sirona

Dentsply Sirona Inc., based in Charlotte, North Carolina (USA), is the indirect parent company of the following companies:

- Dentsply Sirona Deutschland GmbH includes the sale and distribution of dental products.
- Sirona Dental Services GmbH is the main legal entity of the companies listed below and essentially includes the Dental Academy (training center) along with further education facilities.
- Sirona Dental Systems GmbH is a subsidiary of Sirona Dental Services GmbH which comprises the R&D as well as the Sales Department for dental products.
- Sirona Technologie GmbH & Co. KG is a subsidiary of Sirona Dental Systems GmbH and produces dental products on its behalf.
- Sirona Immobilien GmbH is also a subsidiary of Sirona Dental Systems GmbH.
- Sirona Verwaltungs GmbH is a subsidiary of Sirona Dental Systems GmbH and does not have active operations.

The environmental aspects that are relevant to the operation of the Environmental Management System are identified in the environmental aspect assessment (see page 14).

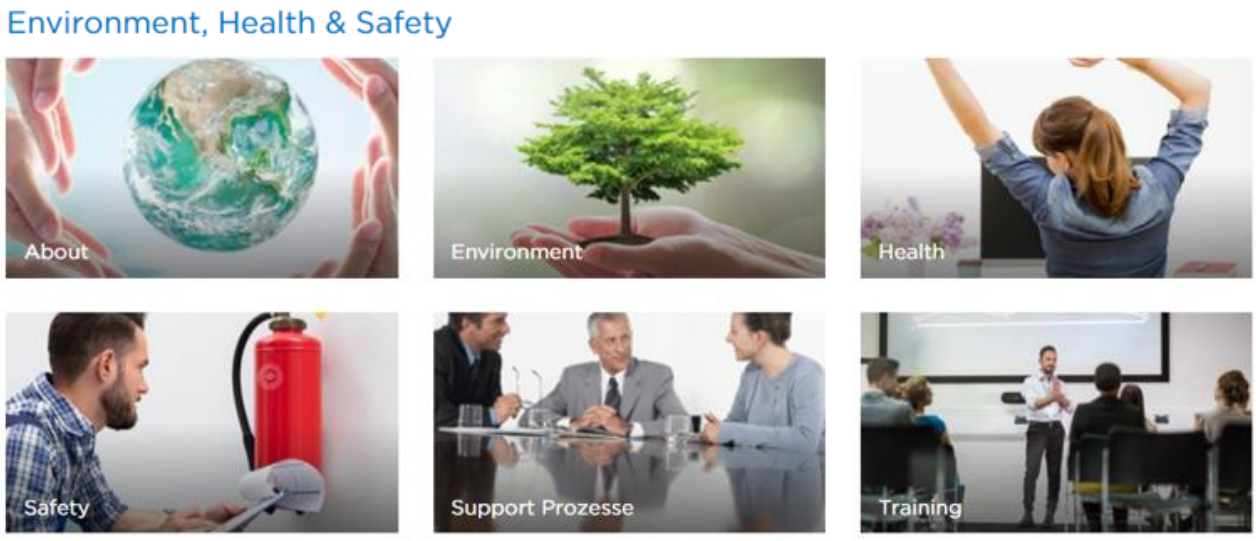
1.4 The Activities and manufacturing procedures

Activities and manufacturing procedures	Environmental aspects
Metal cutting and finishing, Parts manufacturing	Energy consumption, resource consumption, hazardous substances, water, wastewater, waste
Final assembly / assembly of subassemblies	Energy consumption, resource consumption, hazardous substances, waste
Development of dental medical products	Energy consumption, resource consumption, Hazardous substances, water, wastewater
Building maintenance / operation	Energy consumption, resource consumption, hazardous substances, water, wastewater, waste
Transport operations	Energy consumption, resource consumption, land consumption, emissions, noise
Administration	Resource consumption

2. Integrated Management

The Environmental Management System has been part of EH&S Management since 2017. EH&S stands for the terms **E**nvironment, **H**ealth and **S**afety. The EH&S Management System applies to the subsidiaries listed in section 1.3. Within this Environmental Declaration, only the environment is taken into consideration as main scope.

The EH&S-Management-Manual, processes and all work instructions are documented in the Dentsply Sirona Community. All employees have access to this management system via the local intranet.



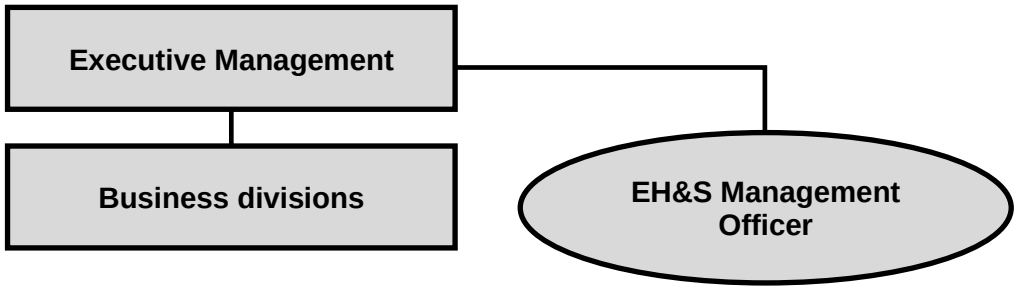
2.1 Executive management

Executive management's tasks are as follows:

- Securing the organization within the field of environment
- Provision of resources
- Definition of the Environmental Policy
- Assessment of the management system
- Approval of the environmental program

2.2 EH&S Management Officer

Executive management has appointed an EH&S Management Officer. This person is responsible for maintaining and developing the EH&S Management System. The EH&S management processes are integrated into the site’s existing organizational structure.



The EH&S Management Officer's key tasks in environmental issues are as follows:

- Coordination and tracking all operational and product-related environmental protection activities in accordance with the targets and actions set out in the environmental program
- Planning and leading the eco-audit
- Carrying out management reviews
- Planning internal training measures on environmental topics
- Compiling the Environmental Declaration
- Manage the documentation on the Environmental Management System
- Accepting, processing and evaluating proposed improvements from employees

2.3 Statutory officers

In addition to the EH&S Management Officer the following officers stipulated by statute (by the authorities) are also present at the Bensheim site:

- Hazardous goods officer
- Fire safety officer
- Radiation protection officer

2.4 Voluntary officers

The following officers are appointed voluntarily at the Bensheim site:

- Water protection officer
- Waste compliance officer

Dentsply Sirona is not required to appoint a water protection officer at the Bensheim site in accordance with Section 64 of the German Federal Water Act (WHG), as no wastewater is discharged into water bodies, nor is there any official requirement to appoint an officer in this regard.

The limits specified under Section 2 No. 1 of the waste management compliance officer ordinance (AbfBeauftrV) for the appointment of a waste compliance management officer are not reached. Furthermore, there is no obligation to appoint a waste representative under § 2 No. 2 AbfBeauftrV, since the criteria listed there for taking back packaging and old electrical equipment have been transferred to a third party, which provides the required waste representative.

2.5 Employees and works council

Our integrated management system ensures that all employees and the works council cooperate in environmental protection matters:

- Implementation of codes of conduct (work / operating instructions)
- Employee participation
- Training measures
- Suggestion system

2.6 Continuous improvement

Dentsply Sirona has undertaken to ensure continuous improvement for environmental protection at the Bensheim site. Environmental protection improvements are available as a part of our idea management. The effectiveness of the management system is continuously monitored. The following methods, among others, are available for this purpose:

- Audits
- Monitoring
- Corrective and preventive actions
- Management review
- Environmental programs

2.7 Emergencies

The Bensheim site has an emergency organization which ensures that all technical and organizational measures are implemented in the event of an emergency. The recognized factory fire service is a crucial part of this emergency organization. Environmental accidents are some of the items simulated and tested in fire exercises.

Emergency escape and rescue plans have been created. Fire extinguishing and evacuation exercises take place regularly.

2.8 Context of the organization, stakeholders, risks and opportunities

The environmental, health and safety risks and opportunities are the result of the assessment of environmental aspects, the binding obligations and the expectations of stakeholders. The identified risks and opportunities are considered of the setting of objectives and measures, emergencies as well as the definition of operational procedures and control measures.

Opportunities can arise as a result of a situation favorable to achieving an intended result, for example, a set of circumstances that allow the organization to attract customers, develop new products and services, reduce waste or improve productivity. Actions to address opportunities can also include consideration of associated risks. Risk is the effect of uncertainty, and any such uncertainty can have positive or negative effects. A positive deviation arising from a risk can provide an opportunity, but not all positive effects of risk result in opportunities.

Environmental Topic	Stakeholders	Risks Opportunities	Communication
Greenhouse Gas Emissions, CO_2	Shareholders Executive Directors Employees Supervisory authority Local residents Public	***Risks:*** Global warming, resource consumption ***Opportunities:*** Increase in the share of renewable energies, savings potential in consumption	***How:*** Environmental declaration, training, instruction ***When:*** Annually and on request ***Who:*** EH&S Management Officer and Supervisor
Water Consumption Wastewater	Executive Directors Employees Supervisory authority Local residents Public	***Risks:*** Decrease in groundwater level, threat for the wastewater treatment plant, consumption of resources ***Opportunities****:* Preservation of resources	***How:*** Environmental declaration, training, instruction ***When:*** Annually and on request ***Who:*** EH&S Management Officer and Supervisor
Waste	Executive Directors Employees Supervisory authority Public	***Risks:*** Environmental damage potential, resource consumption ***Opportunities****:* Saving raw materials and resources, reducing environmental hazards	***How:*** Environmental declaration, training, instruction ***When:*** Annually and on request ***Who:*** EH&S Management Officer, Supervisors
Raw Materials and Operating Supplies	Executive Directors Employees Supervisory authority Local residents Public	***Risks:*** Resource consumption, environmental and fire hazard (flammable gases) ***Opportunities:*** Saving of raw materials, resources, reduction of environmental and fire hazard	***How:*** Environmental declaration, training, instruction ***When:*** Annually and on request ***Who:*** EH&S Management Officer, Supervisors
Emissions from Organic Solvents	Supervisory authority	***Risks:*** Health and Administrative Expense ***Opportunities:*** Switch to solvent-free cleaner, improvement of health protection, reduce administrative expense	***How:*** Solvent balance sheet ***When:*** Annually and if the threshold exceeds ***Who:*** Responsible person for the unit
Goods and Services	Executive Directors Employees Local residents Public	***Risks:*** Emissions, traffic ***Opportunities:*** Reduction of emissions and traffic	***How:*** Traffic counting ***When:*** On request ***Who:*** Site Management

Theme, Environmental status	Interested Parties	Risks Opportunities	Communication
Noise	Employees Local residents Suppliers Contractors Visitors	***Risks:*** Hardness of hearing as an occupational disease, complaints from local residents ***Opportunities:*** Raising Awareness to employees and contractors	***How:*** Instruction to Employees, feedback on complaints ***When:*** Annually and on request ***Who:*** Supervisors, EH&S Management Officer, Executive Directors
Lighting	Environmental Associations Residents Public	***Risks:*** Disruption of residents and fauna ***Opportunities:*** Consensus with neighbors and fauna	***How:*** Feedback on complaints ***When:*** On request ***Who:*** EH&S Management Officer, Executive Directors
Employee Commuting	Executive Directors Employees Local residents Public Supervisory authority	***Risks:*** Emissions, traffic, complaints from local residents ***Opportunities:*** Reduction of emissions and traffic, Consensus with neighbors	***How:*** Feedback on complaints ***When:*** On request ***Who:*** EH&S Management Officer, Executive Directors
Accidents with hazardous substances	Executive Directors Employees Supervisory authority Local residents Public, Clients	***Risks:*** Accident, environmental contamination ***Opportunities:*** Prevention of accidents	***How:*** Report of the Dangerous Goods Officer, instruction ***When:*** Annually and on request ***Who:*** EH&S Management Officer, Dangerous Goods Officer
Construction work	Executive Directors Local residents Supervisory authority	***Risks:*** Reduction of biodiversity ***Opportunities:*** *Preservation of biodiversity*	***How:*** Environmental declaration, feedback to the complainant ***When:*** Annually and on request ***Who:*** Executive Directors, BSM
Life cycle analysis of products	Executive Directors Supervisory authority Clients	***Risks: Non-***Compliance with legal requirements, high environmental impact potential ***Opportunities:*** Reduction of environmental impact and emissions, saving of resources	***How:*** Declaration of conformity Assessment of relevant environmental aspects ***When:*** During product development / modification, on request ***Who:*** DQA
Energy efficiency of the infrastructure	Executive Directors Supervisory authority	***Risks:*** Non-compliance with relevant environmental laws, resource consumption ***Opportunities:*** Saving resources, reducing emissions	***How:*** Building permit ***When:*** On request ***Who:*** Executive Directors, Site Management
Behaviour of contractors	Executive Directors Contractors Supplier	***Risks:*** Emissions, traffic, potential for environmental impact, resource consumption ***Opportunities:*** Reduction of emissions and traffic	***How:*** Information ***When:*** When ordering services from contractors ***Who:*** Site Management
Compliance with relevant environ-mental laws	Shareholders, Executive Directors, Employees, temporary workers, Clients, Supervisory authority	***Risks:*** Non-compliance with relevant environmental laws, Penalty and Liability Risks ***Opportunities:*** Transparent relationship with supervisory authority	***How:*** Legal compliance audits ***When:*** Audits, Management-review ***Who:*** Auditor, EH&S Management Officer

3. EH&S Policy

Leading environmental, health and safety (EHS) performance is foundational to our culture and vital to our competitive strength - benefitting our people, customers, communities, the environment, and shareholders.

OUR EHS COMMITTMENTS:

- The safety and health of our People by providing a safe and healthy working environment;
- Environmental stewardship by sound pollution prevention practices and conservation of natural resources;
- Safe and compliant products by product stewardship risk management throughout the entirety of the product lifecycle; and
- EHS regulatory compliance by robust regulatory applicability assessment and compliance assurance processes.

Dentsply Sirona's Global EHS Standards serve as our framework for safe, healthy, and environmentally responsible operations, products, and services. We regularly review key EHS aspects at the local and corporate levels to identify continuous improvement opportunities with the goal to achieve and sustain EHS performance excellence. Compliance with all applicable EHS regulations is an expectation and baseline requirement for doing business.

PRINCIPLE EHS EXPECTATIONS:

- Establish the critical importance of the health and safety of our employees, communities, and protection of our environment.
- Identify and control health and safety risk in the workplace to reduce the number and severity of workplace injuries and illnesses.
- Empower employees and supporting employee accountability to ensure safe practices and conditions are consistently achieved.
- Partner with suppliers in alignment with our EHS principles and objectives and considering their ability to operate in an EHS responsible manner.
- Collaborate with our customers to support their EHS needs.
- Maximize material efficiencies to reduce impacts on biodiversity and natural resources.
- Minimize generation of solid and hazardous waste, and reuse or recycle where feasible.
- Optimize water consumption and reduce impacts on high water-stress aquifers.
- Optimize energy and resource use with a goal of reducing greenhouse gas emissions.
- Improve risk associated with physical and natural disasters.
- Integrate sustainable EHS practices where feasible.

Leadership will consistently demonstrate EHS behaviors fostering a culture that empowers and supports all employees to make sound EHS decisions. To facilitate this, Dentsply Sirona provides training, resources, and ongoing support for employees to recognize and implement responsible EHS practices.

EHS targets and objectives are established by senior leadership, approved by the Board of Directors, and communicated employees and other key stakeholders. They are measured and evaluated regularly to drive continuous EHS performance improvement.

4. Environmental aspects

Environmental aspects relate to those aspects of an organization's activities, products and services which can have an impact on the environment. A distinction is made between direct and indirect environmental aspects.

Environmental aspects	Environmental effects	Production*)		Product*)		Emergency *)	
		direct indirect	signifi-cant	direct indirect	signifi-cant	direct indirect	signifi-cant
Electricity consumption	Global warming, consumption of resources	direct	yes	indirect	no	n/a	n/a
Natural gas consumption	Global warming, consumption of resources	direct	yes	n/a	n/a	n/a	n/a
Heating oil consumption	Global warming, consumption of resources	direct	yes	n/a	n/a	n/a	n/a
Fuel consumption	Global warming, consumption of resources	direct	yes	n/a	n/a	n/a	n/a
Consumption of resources	Environmental impairment, consumption of resources	direct	yes	n/a	n/a	n/a	n/a
Land usage	Loss of biodiversity, Sealing of area	direct	yes	n/a	n/a	n/a	n/a
Handling with hazardous substances	Environmental impact	direct	yes	indirect	yes	direct	yes
Hazardous waste	Environmental impairment, consumption of resources	direct	yes	indirect	yes	direct	yes
Non- hazardous waste	Environmental impairment, consumption of resources	direct	no	indirect	no	direct	yes
Water / wastewater	Consumption of resources, wastewater	direct	yes	indirect	yes	direct	yes
Emissions	Generation of ozone, pollu-tion of the local environment	direct	yes	n/a	n/a	direct	yes
Emissionsfrom electricity consumption	Global warming, consumption of resources	indirect	yes	n/a	n/a	n/a	n/a
Emissions from company vehicles	Traffic, emissions, fine dust	direct	yes	n/a	n/a	n/a	n/a
Emissions from other vehi-cles	Traffic, emissions, fine dust	indirect	no	n/a	n/a	n/a	n/a
Emissions of noise and vibrations	Disruption of the neighbors, noise, hardness of hearing	direct	yes	indirect	yes	direct	yes

*) **Production:** Environmental aspects from the **production of products and services**
Products: Environmental aspects through the **products (use / disposal)**
Emergency situations: Environmental aspects as a consequence of **non-stipulated conditions / emergency situations**
n/a = not applicable or out of scope

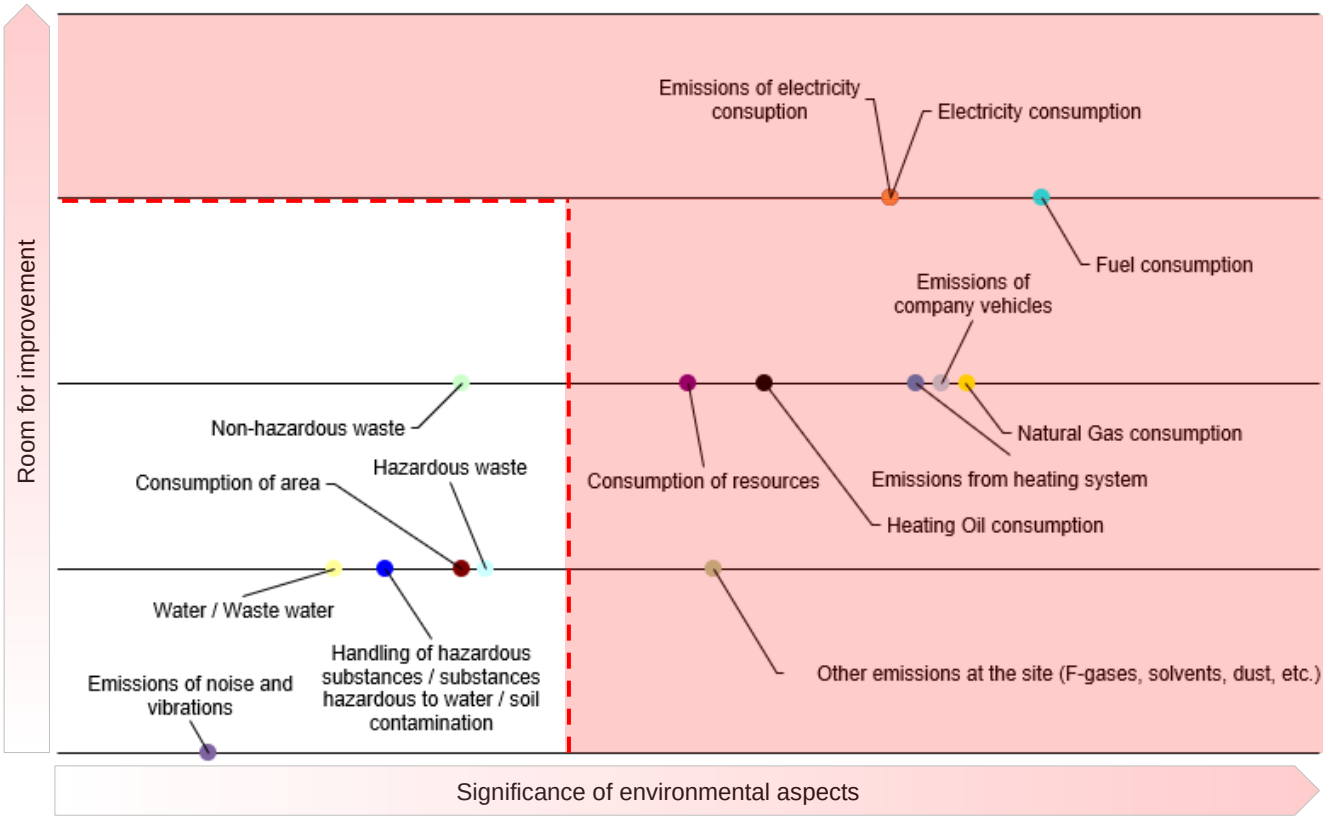
Direct environmental aspects can be controlled and influenced by the organization. By contrast, indirect environmental aspects cannot be controlled or influenced to their full extent by the organization. Dentsply Sirona has determined all significant environmental aspects and categorized them according to the following criteria (see table above):

- Environmental aspects of manufacturing products and services
- Environmental aspects through the products (use / disposal)
- Environmental aspects as a result of undetermined conditions and emergency situations.

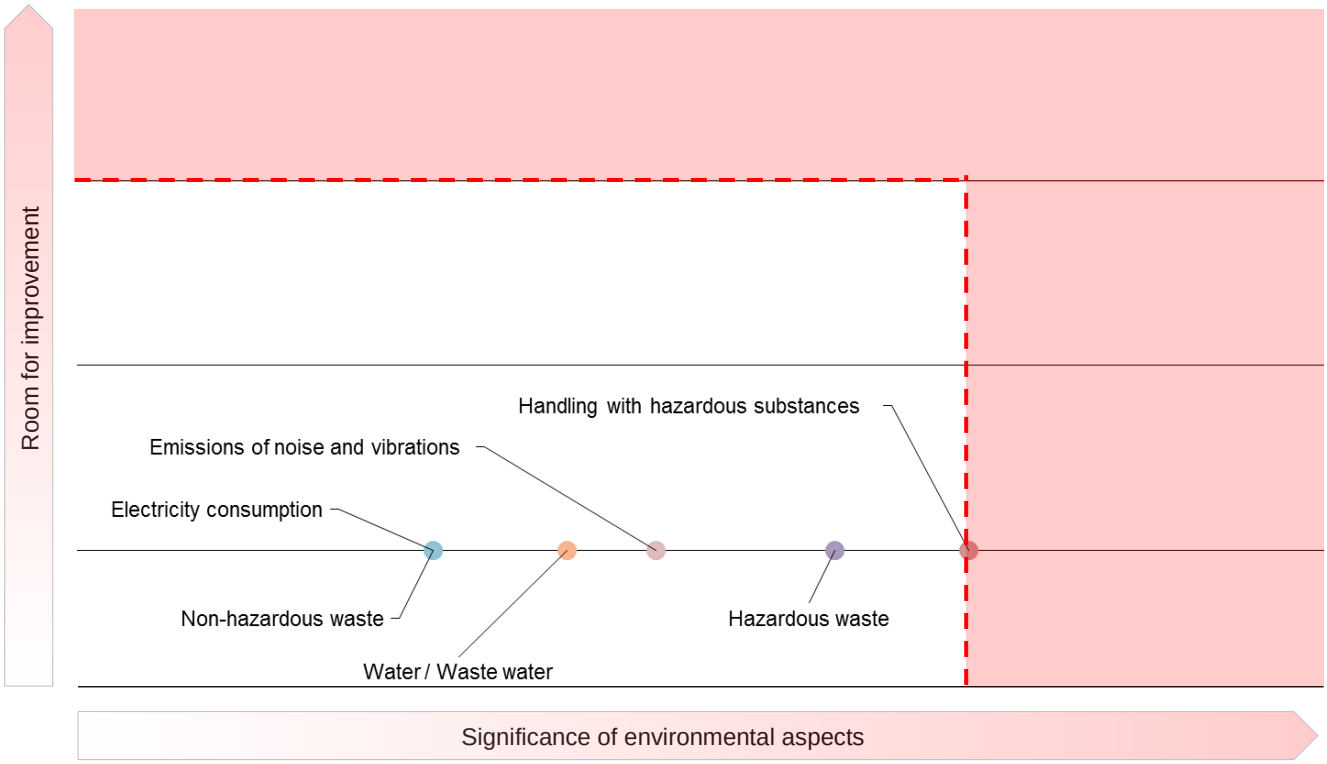
4.1 Evaluation of the environmental aspects

Environmental aspects are assessed by the organization with respect to environmental risks and potential improvements in order to define the targets and programs of environmental protection. The risk potential is calculated by a mathematical process based on the pollution on the local, regional and global environment, as well as the significance, quantity and costs involved. The company has set limits that imply a need for action. The aspects shown in the following diagrams in the red shaded area form the basis for potential environmental objectives and programmes.

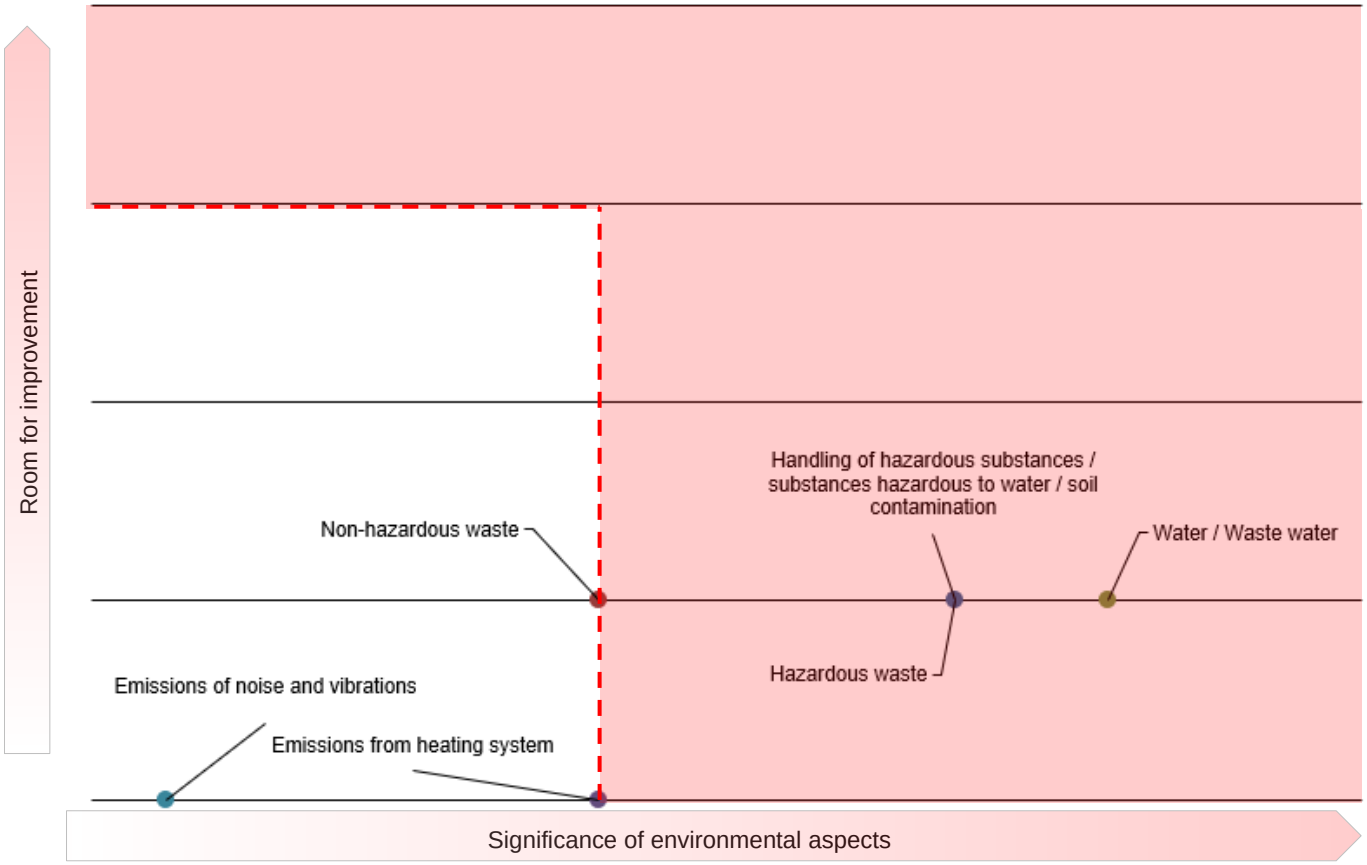
4.1.1 Environmental aspects from the production of products and services



4.1.2 Environmental aspects through the products (use / disposal)



4.1.3 Environmental aspects as a consequence of non-stipulated conditions / emergency situations



5. Environmental targets and programs

Environmental targets and programs are initiated based on potential for improvement and the importance of environmental aspects. The management is responsible for fulfilling the environmental targets and programs. Implementation of the programs is monitored by the EH&S Management Officer. The environmental targets are included in the EH&S targets.

The implementation status is documented as follows:

●●● = objective achieved
●●○ = ongoing process / implementation scheduled
●○○ = objective predominantly achieved
○○○ = objective not achieved, still not started or cancelled

5.1 EH&S targets and programs 2020 - 2022

Dentsply Sirona sets targets for reducing CO_2 emissions at its Bensheim site.

The conversion factor MWh → t CO_2 is based on 2019 values provided by the electricity supplier.

Climate protection	●●●
Environmental target:	Procurement of electricity from renewable sources. The Bensheim site has committed itself to a renewable electricity share of more than 45% for the next three years. The aim is to support the national initiatives to increase the proportion of regenerative electricity. (German target value 40% - 45% by 2025).
Risks:	Intensification of the greenhouse effect
Opportunities:	Reduction of emissions, cost savings, sustainability
Actions:	Consideration of the target value when purchasing electricity
Responsible:	Purchasing
Date:	Ongoing
Status:	Share 2020: 65% Share 2021: 65% Share 2022: 69%

Climate protection	●●●
Environmental target:	Electricity savings of 436 MWh/year and reduction of CO_2 emissions by 141 t/year when operating the production machines. This corresponds to a reduction in energy consumption during non-production times (weekends, holidays and plant closures) of approx. 19%.
Risks:	Intensification of the greenhouse effect
Opportunities:	Reduction of emissions, cost savings, sustainability
Actions:	Installation of the lowering mode for large production machines
Responsible:	Site Management / Production
Date:	Until 31th of December 2022
Status:	Reduction mode was initiated for the production machines. The installation of the technology required to measure the electricity consumption of the machines took place in January 2023. A quantitative assessment cannot be made until mid-2023.

Climate protection	●●●
Environmental target:	Electricity savings of 411 MWh/year and reduction of CO_2 emissions by 133 t/year by converting the lighting in production Building 14. Reference value 2019: 549 MWh (reduction by approx. 75%)
Risks:	Intensification of the greenhouse effect
Opportunities:	Reduction of emissions, cost savings, sustainability
Actions:	Conversion of the lighting to LED lighting with intelligent control
Responsible:	Site Management
Date:	Until 31th of December 2022
Status:	Lighting replacement in Building 14 was completed in January 2023. A quantitative assessment cannot be made until end of 2023.

Climate protection	●●●
Environmental target:	Electricity savings of 12 MWh/year and reduction of CO_2 emissions by 4 t/year through the conversion of the hot water supply in the changing rooms in Building 14 East and Building 14 West. Reference value 2019: 16 MWh (reduction by approx. 75%)
Risks:	Intensification of the greenhouse effect
Opportunities:	Reduction of emissions, cost savings, sustainability
Actions:	Conversion of hot water preparation to heat pump technology
Responsible:	Site Management
Date:	Until 31th of December 2022
Status:	The conversion took place in the calendar year 2020. The electricity savings were calculated from the technical data of the water heaters and confirm the achievement of the target savings of 12 MWh/year.

Climate protection	●●●
Environmental target:	Electricity savings of 90 MWh/year and reduction of CO_2 emissions by 29 t/year by optimizing compressed air consumption. Reference value: Estimation.
Risks:	Intensification of the greenhouse effect
Opportunities:	Reduction of emissions, cost savings, sustainability
Actions:	Minimization of leakages, optimization of compressor operation
Responsible:	Site Management
Date:	Until 31th of December 2022
Status:	Permanent monitoring of the compressed air network is in operation. Irregularities in consumption are alerted and immediate troubleshooting takes place. In addition, regular leakage checks of the compressed air network take place.

Climate protection	○○○
Environmental target:	Saving heating energy
Risks:	Intensification of the greenhouse effect
Opportunities:	Reduction of emissions, cost savings, sustainability
Actions:	Replacement of the shed roof glazing in the production hall building 16. Heat transfer coefficient of the old glazing: 5.83 W/(m²K) Heat transfer coefficient of the new glazing: 1.20 W/(m²K)
Responsible:	Site Management
Date:	Until 31th of December 2022
Status:	Execution is planned for calendar year 2023.

Climate protection	●●●
Environmental target:	Improvement of energy monitoring
Risks:	Intensification of the greenhouse effect
Opportunities:	Reduction of emissions, cost savings, sustainability
Actions:	Expansion of the energy monitoring and building control system
Responsible:	Site Management
Date:	Until 31th of December 2022
Status:	Ongoing process, energy monitoring is continuously improved.

Climate protection	●●●
Environmental target:	Improvement of monitoring in the area of fleet management
Risks:	Intensification of the greenhouse effect
Opportunities:	Reduction of emissions, cost savings, sustainability
Actions:	Acquisition of an evaluation tool to determine the fuel consumption and mileage of company vehicles
Responsible:	Site Management
Date:	Until 31th of December 2022
Status:	The software was procured and implemented.

Saving resources	●●●
Environmental target:	Water saving in the sanitary rooms
Risks:	Resource consumption
Opportunities:	Savings in raw materials, cost savings, sustainability
Actions:	Conversion of the wash basin fittings to water-saving aerator controls
Responsible:	Site Management
Date:	Until 31th of December 2022
Status:	The conversion has taken place in 2022

Saving resources	●●●
Environmental target:	Substitution of crude oil as cooling lubricant in production to GTL oil. Exchange volume: 39 m³
Risks:	Resource consumption
Opportunities:	Saving raw materials, reducing emissions, saving costs, sustainability, skin and fire protection
Actions:	Conversion from petroleum-based cooling lubricants in metal-cutting production to cooling lubricants based on natural gas (GTL Gas to Liquid) produced during petroleum extraction. GTL oil is free of mineral oil, which is produced from waste products during oil extraction. GTL oil is free of aromatics, nitrogen, heavy metals, sulfur, zinc and chlorine compounds. In addition, GTL oil is expected to have a significantly longer service life. GTL oil also has fewer skin-damaging properties. The high flame point has a positive effect on fire protection for cooling lubricants that are not mixed with water.
Responsible:	Site Management
Date:	Until 31th of December 2022
Status:	2020: approx. 27% of the cooling lubricant has been replaced. 2021: approx. 66% of the cooling lubricant has been replaced. 2022: 100% of the cooling lubricant has been replaced

5.2 EH&S targets and programs 2023 - 2025

The Dentsply Sirona Group has defined its sustainability strategy for the Group in the Sustainability Report 2021. The goals described therein concern, among others, the areas of environment, health and equality:

Source: Sustainability Report 2021: CORP-document-2021-sustainability-report-EN.pdf

Denstply Sirona's global environmental protection goals are:

- Reach net zero carbon emissions by 2050.
- Greenhouse gas emission intensity reduction ≥15% by 2025.
- Total waste reduction ≥15% by 2025.
- Reduction of water withdrawal intensity for manufacturing / warehouse operations ≥15% by 2025.

The target values in each case refer to the consumption values of 2019.

The targets apply collectively to the entire Group. To achieve these targets, a comprehensive reporting system has been introduced in the Group. Target achievement at Group level is managed centrally from the corporate headquarters in the USA. The following (sub-)targets of Denstply Sirona at the Bensheim site represent our contribution to target achievement.

Climate protection	○○○
EH&S-target:	Reduction in average consumption of the company vehicle fleet by 10% relative to the reference value of 2022 by the end of 2025. Average consumption 2022: 6.50 l/100 km
Risks:	Greenhouse gas generation, resource consumption, fuel costs.
Opportunities:	Saving resources, climate-damaging emissions and costs. Sustainable change in employee behavior, including during leisure time.
Actions:	Necessary measures to achieve the goals are to be developed and implemented within the framework of the environmental program.
Responsible:	Executive Directors, Fleetmanagement
Date:	Until 31th of December 2025
Status:	Open

Climate protection	○○○
EH&S-target:	Encourage people to switch to environmentally friendly modes of transportation to get to work.
Risks:	Generation of greenhouse gases, resource consumption.
Opportunities:	Saving resources and climate-damaging emissions. Avoidance of land consumption for additional parking and traffic areas.
Actions:	Introduction of the job bike.
Responsible:	Executive Directors
Date:	Until 31th of December 2023
Status:	Open

Climate protection	○○○
EH&S-target:	The Bensheim site is committed to a renewably generated electricity share of 100% for the next three years.
Risks:	Amplification of the greenhouse effect.
Opportunities:	Reduction of emissions, cost savings, sustainability.
Actions:	Consideration of the target value in the purchase of electricity.
Responsible:	Purchasing
Date:	Ongoing
Status:	Share 2022: 69%

Climate protection	○○○
EH&S-target:	Expansion of renewable energy generation to 2,000 kWp.
Risks:	Generation of greenhouse gases, resource consumption.
Opportunities:	Saving resources and climate-damaging emissions. Expanded use of already sealed parking areas.
Actions:	Leasing of areas on the company premises for the construction of photovoltaic systems. The electricity generated is bought back and used directly: • Roofing of the east parking lot by means of PV modules. • Construction of a PV system on the roof of Building 04.
Responsible:	BSM
Date:	Until 31th of December 2025
Status:	Open

Saving resources	○○○
EH&S-target:	Development of potential savings in resource consumption. Reduce adjusted waste by 15% from 2019 baseline. (see overview on page 41)
Risks:	Resource consumption.
Opportunities:	Saving resources.
Actions:	Development of ecological and economic savings potentials to reduce resource consumption, e.g. by: • Reducing the consumption of disposable pallets • Consumption-optimized lot and container sizes when ordering water-polluting substances and hazardous materials
Responsible:	Logistics, purchasing
Date:	Until 31th of December 2025
Status:	Open

Emergency management	○○○
EH&S-target:	Improve employee knowledge of practical emergency response.
Risks:	Property damage and personal injury due to emergency misconduct.
Opportunities:	Fast and effective action in an emergency. Reduction of costs for property damage and personal injury.
Actions:	Regular training of employees on what to do in the event of an emergency (e.g. emergency drills, first aid drills, behaviour in case of fire).
Responsible:	BSM, human resources
Date:	Until 31th of December 2025
Status:	Open

EH&S management	○○○
EH&S-target:	Improve transparency and communication of EH&S issues.
Risks:	Lack of understanding and interest in EH&S issues by the employee.
Opportunities:	Sustainable and effective EH&S management system. Prevention of property damage and bodily injury.
Actions:	Creation of a clear and simple presence of EH&S on the intranet.
Responsible:	BSM
Date:	Until 31th of December 2025
Status:	Open

Sustainability	●●○
EH&S-target:	Identify and address ideas and potential for improvement from the workforce on sustainability, environmental protection and occupational safety in a targeted manner.
Risks:	Failure to recognize potential for improvement.
Opportunities:	Saving resources and emissions. Motivation of employees to get involved in EH&S issues.
Actions:	Necessary measures to achieve the goals are to be developed and implemented within the framework of the environmental program. In a first step, a targeted survey of the workforce for improvement potential.
Responsible:	Executive Directors, improvement suggestion system
Date:	Until 31th of December 2025
Status:	Ideas from employees were carried out as part of a campaign, and the evaluation of the suggestions submitted is underway.

6. Important environmental data and figures

The environmentally relevant data presented below are related to the number of employees and the productive hours worked at the Bensheim site. The following table shows the number of employees, the number of productive hours and, in addition, the development of the gross floor area.

Year	2019	2020	2021	2022
Number of employees at the Bensheim site	2,197	2,167	2,216	2,325
Productive hours [in 1,000 h]	586.447	440.537	616.324	608.250
Gross floor area at the Bensheim site [m²]	89,096	89,776	89,776	89,776

Due to the SARS-CoV-2 pandemic, large parts of the plant were completely shut down during the first lockdown starting in April 2020. In the following months, production was gradually resumed. Since October 2020, the production side of the site has been back in normal operation. To date, however, many employees are still in mobile working.

In 2022, the following environmentally relevant constructions and conversions were realized:

- Energy renovation of the flat roof on Building 14 and Building 28,
- Procurement of a fire truck for the plant fire department,
- Conversion of hall lighting to LED technology in Building 38 and Building 53,
- Installation of 10 charging stations for electric vehicles at Building 41,
- Implementation of a sustainability campaign by surveying the employees on the topic,
- Replacement of the fat separator for the staff restaurant,
- Renewal of cooking equipment (induction technology) in the staff restaurant,
- Renovation of social rooms in Building 16 (hot water preparation with heat pump technology),
- Installation of drinking water dispensers in the production area to reduce the consumption of bottled beverages and their transport,
- Various projects in the area of preventive fire protection, e. g. procurement of charging cabinets for lithium batteries,
- Changeover to CO_2-neutral recycled copy paper.

6.1 Generation of energy, energy flow and energy consumption

The energy sources used at the Bensheim site are electricity, natural gas, heating oil, diesel and gasoline. Natural gas is used for heating; light fuel oil is only used in emergencies situations when an adequate supply of natural gas is not available or to operate the emergency power generators. The prescribed monthly test runs of the emergency power generators cause a fuel oil consumption of approx. 4.5 m³/year. In relation to the total energy consumption this is negligible (share < 1‰). Diesel and petrol are used as fuels for company vehicles.

Due to the outbreak of war in Ukraine and the resulting predicted energy shortages, Dentsply Sirona has taken the following measures to address this:

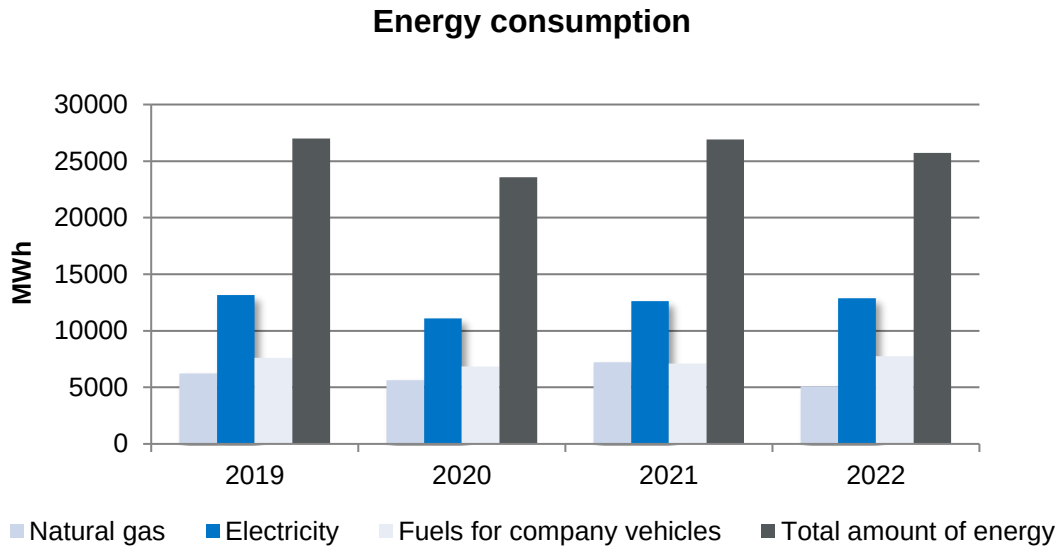
- Increase in heating oil reserves to 180 m³ to bridge gas shortages. 120 m³ was stored in rented heating oil tanks at various locations on the plant site. The oil in the rented tanks must be burned by the end of April 2023 due to their return. In the first quarter of 2023, 120 m³ of heating oil will therefore be used for heat generation.
- Four heat pumps with a total capacity of approx. 2 MW were also rented for heat generation. However, due to contractual obligations to purchase a minimum quantity of natural gas, the heat pumps could not be used to their full extent.

6.1.1 Energy, total consumption

Year	2019	2020	2021	2022
Natural gas [MWh]	6,215	5,632	7,203	5,101
Electricity [MWh]	13,146	11,089	12,610	12,871
Fuels for company vehicles [MWh]	7,625	6,846	7,098	7,754
Energy, total consumption [MWh]	26,986	23,568	26,911	25,727
Energy, total consumption [MWh] / employee	12.28	10.88	12.14	11.07
Total energy [MWh / 1,000 productive hours]	46.02	53.50	43.66	42.30

Energy consumption fell by 4.4% between 2021 and 2022; in terms of employees, energy consumption fell by 8.9% during this period, and in terms of productive hours by 3.1%.

The decrease in energy consumption in 2022 is due to lower gas consumption. This is due to the mild winters and the savings measures with regard to room temperatures and raising employee awareness of the need to save heating energy.



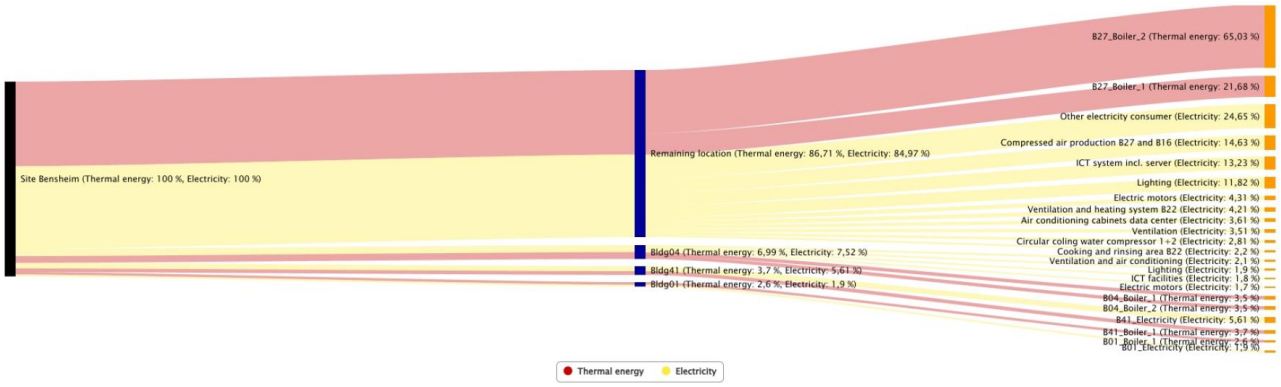
6.1.2 Generation of energy

On the roof of building 41 a photovoltaic system with an area of 240 m² and a capacity of 29.4 kWp is installed.

Year	2019	2020	2021	2022
Generation of energy (photovoltaic system) [kWh]	33,652	33,797	32,503	36,122

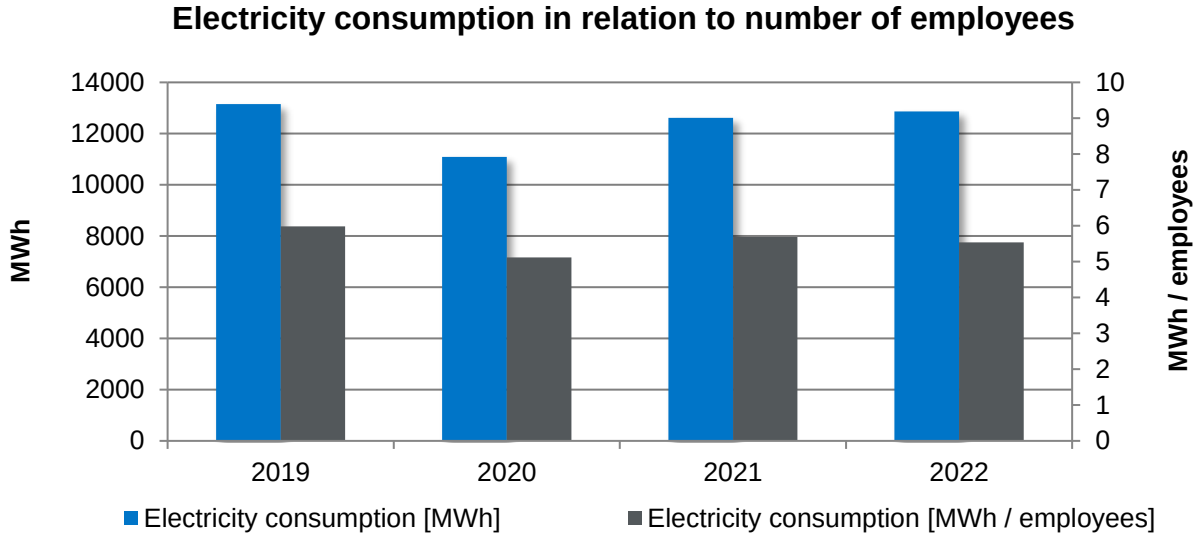
6.1.3 Energy flow

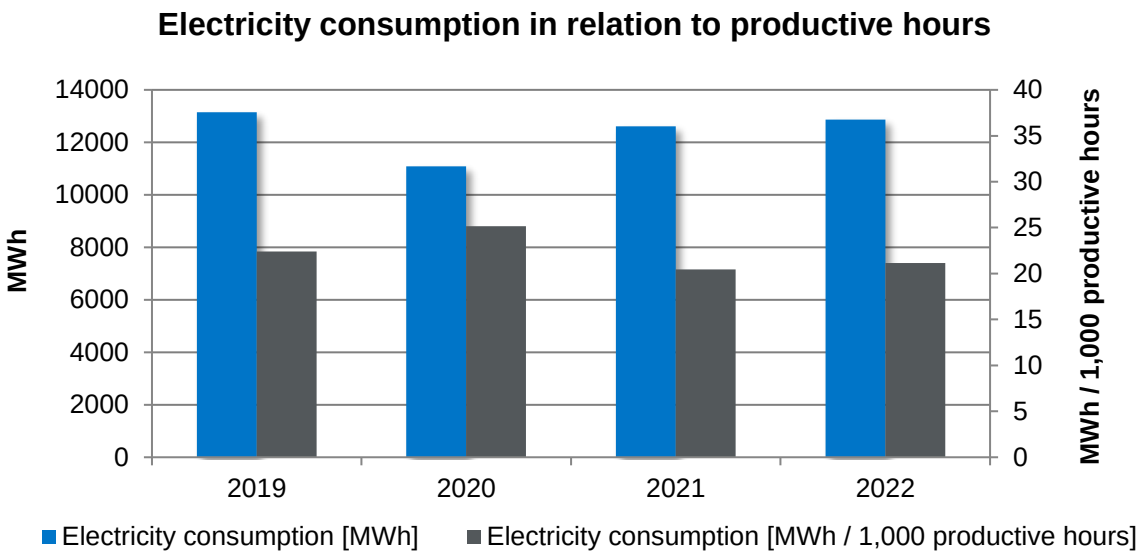
The percentage energy distribution of the location is stated below:



6.1.4 Electricity consumption

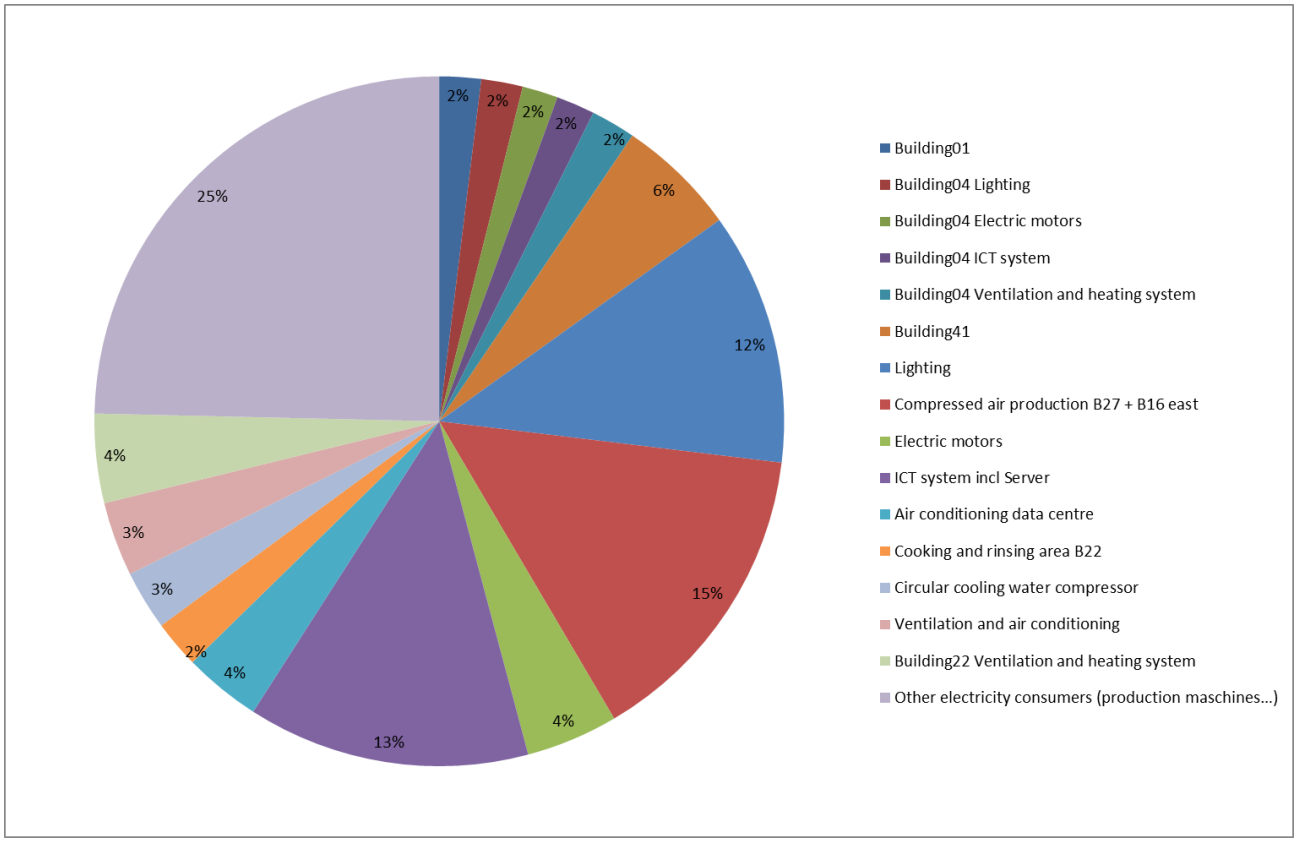
Year	2019	2020	2021	2021
Electricity consumption [MWh]	13,146	11,089	12,610	12,871
Electricity consumption [MWh / employee]	5.98	5.12	5.69	5.54
Electricity consumption [MWh / 1,000 productive hours]	22.42	25.17	20.46	21.16
Proportion of renewable energies [%]	55.7	65.0	65.1	69.0
CO_2 Emissions [g/kWh]	323	239	246	262





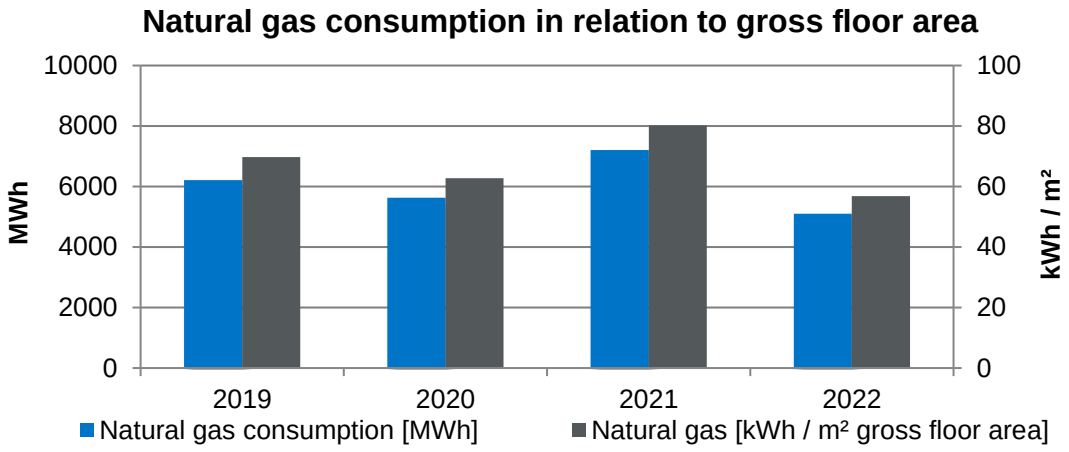
Electricity consumption has recently increased by 2.1% between 2021 and 2022, in relation to the number of employees the consumption decreased by 2.7% in the same period and increased by 3.4% in terms of productive hours.

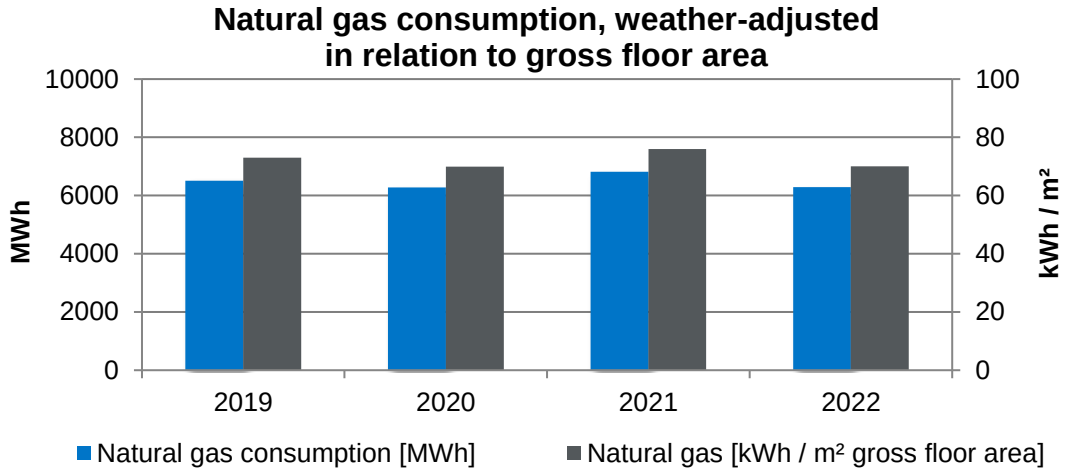
The distribution percentage of electricity can be allocated to consumption points as follows:



6.1.5 Natural gas consumption

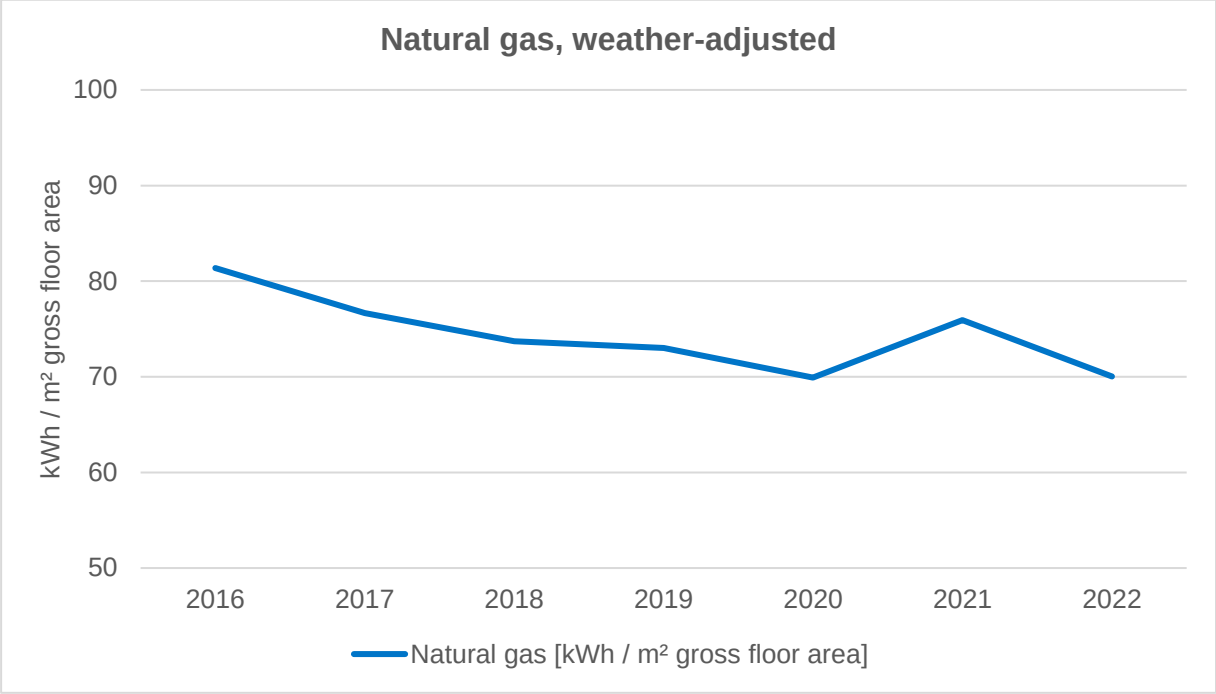
Year	2019	2020	2021	2022
Natural gas consumption [MWh]	6,215	5,632	7,203	5.101
Natural gas consumption, weather-adjusted [MWh]	6,504	6,277	6,818	6.288
Natural gas consumption MWh / employees]	2.83	2.60	3.25	2,19
Natural gas, weather-adjusted [MWh / employees]	2.96	2.90	3.08	2,70
Natural gas [MWh / 1,000 productive hours]	10.60	12.79	11.69	8,39
Natural gas weather-adjusted [MWh / productive hour]	11.09	14.25	11.06	10,34
Natural gas [kWh / m² GFA]	69.75	62.74	80.23	56,82
Natural gas, weather-adjusted [kWh / m² GFA]	73.00	69.92	75.94	70,04





Gas consumption decreased by 29.2% in absolute terms between 2021 and 2022, and by 7.8% when adjusted for weather. In terms of employees, natural gas consumption decreased by 32.5%, weather-adjusted by 12.1%; in terms of productive hours, by 28.2%, weather-adjusted by 6.5%; and in terms of gross floor area, by 29.2%, weather-adjusted by 7.5%.

The long-term development of natural gas consumption is shown below. The jump from 2020 to 2021 is due to the fact that significantly more thermal energy had to be generated as a result of the intensive ventilation measures due to the SARS-CoV-2 pandemic.



6.1.6 Fuel consumption by company vehicles

Year	2019	2020	2021	2022
Number of company vehicles	374	428	436	411
Total fuel consumption [l]	789,136	706,939	733,362	801,011
Average fuel consumption [l] per vehicle	2,110	1,652	1,682	1,956
Average fuel consumption / vehicle [l/100 km]	-*	-*	6.64	6.50

*) In 2019 and 2020, fuel consumption was determined using standard values.

6.1.7 Water consumption and wastewater volumes

Dentsply Sirona at the Bensheim site obtains its water from the public mains of the City of Bensheim. Water is used primarily as drinking water, for sanitary purposes for employees (wastewater), for watering the green areas, in the production areas and for carrying our construction measures.

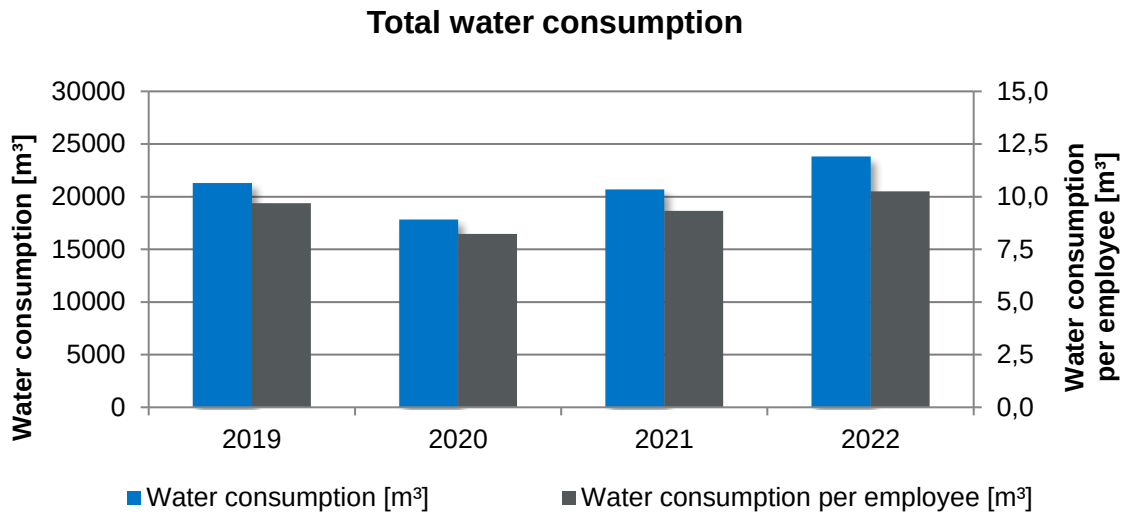
All sanitary wastewater and wastewater from the drainage of streets and parking lots is discharged into the sewerage system. Wastewater from the canteen is discharged into the sewerage system via a grease separator, while oily wash water is discharged via a petrol/oil separator. The requirements of the wastewater regulations are complied with the drainage statutes.

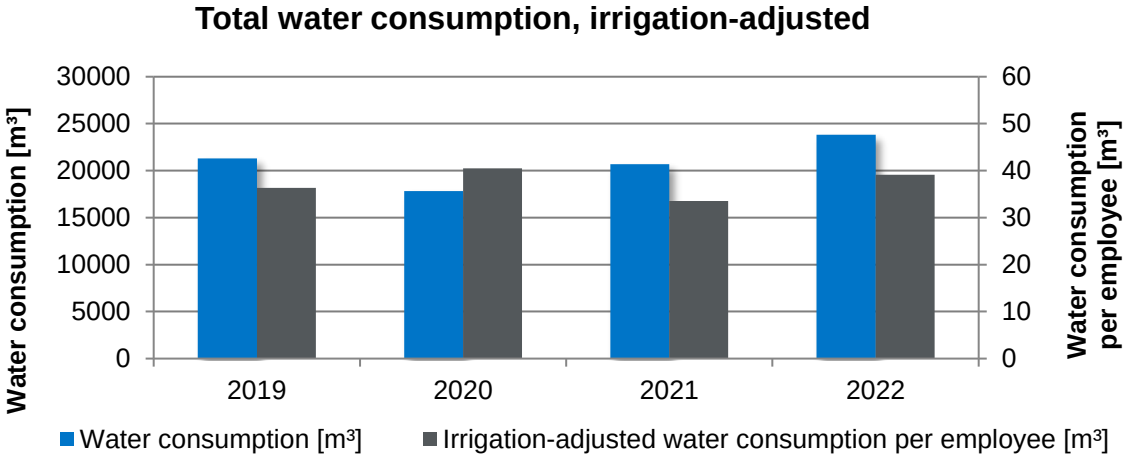
Dentsply Sirona at the Bensheim site has a permit to discharge wastewater from metal processing into the public sewer system in accordance with Annex 40 of the Wastewater Ordinance (AbwV). As of 31.03.2024, a self-monitoring report must be written annually.

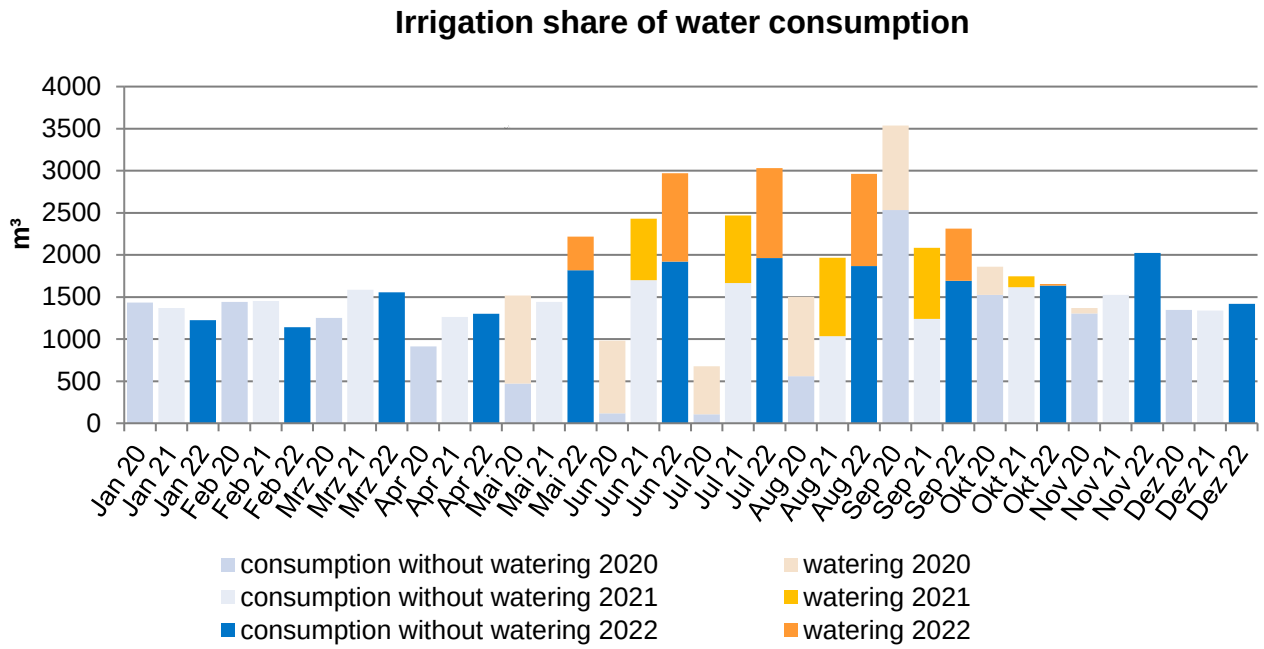
Aside from a 300 m³ water tank for supplying the sprinkler system (fire protection) there is also a well for extinguishing water available on the company premises. The largest quantity of extinguishing water required is drawn from the city mains as needed.

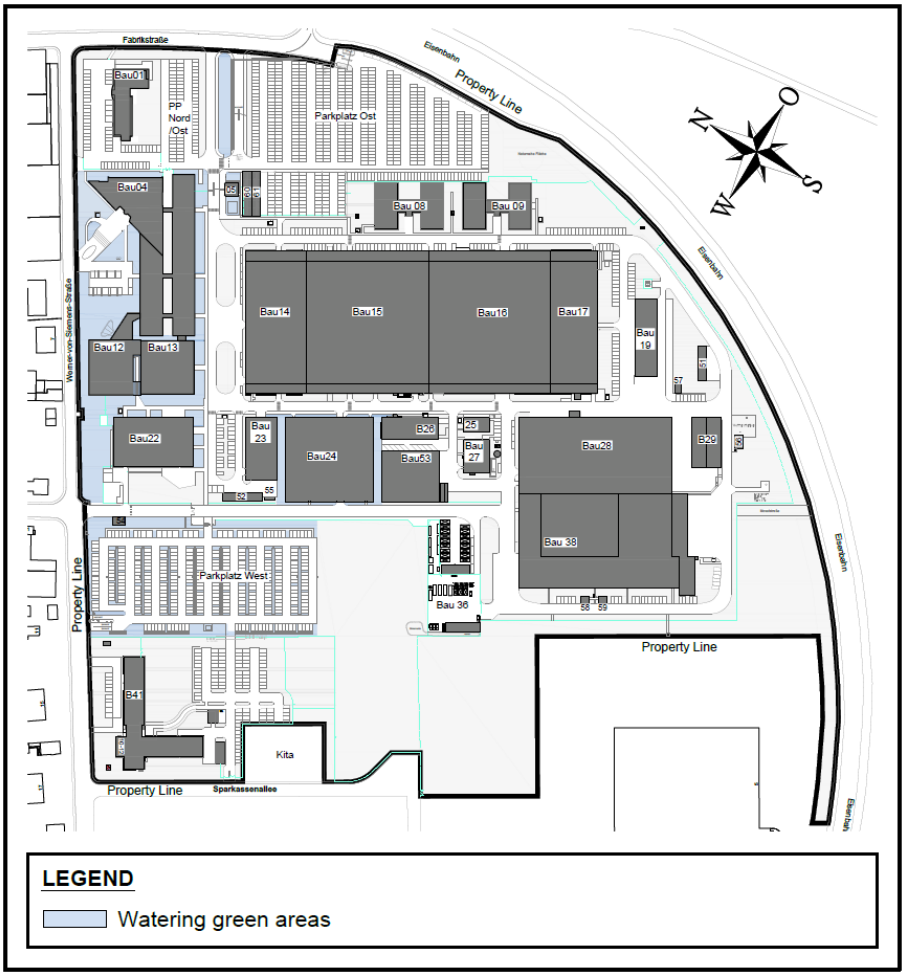
Year	2019	2020	2021	2022
Water consumption [m³]	21,298	17,831	20,674	23,821
Irrigation share [m³]	3,644	4,823	3,438	4,260
Water consumption without irrigation share [m³]	17,654	13,008	17,236	19,561
Water consumption per employee [m³]	9.69	8.23	9.33	10.25
Water consumption per 1,000 productive hours [m³]	36.32	40.48	33.54	39.16

Fluctuations in water consumption are essentially caused by volumes needed for watering the green areas, the number of employees at the site and ongoing construction measures. Starting in 2023, construction-related water consumption will be measured separately.






Irrigation share of water consumption
m³
4000
3500
3000
2500
2000
1500
1000
500
0
Jan 20
Jan 21
Jan 22
Feb 20
Feb 21
Feb 22
Mrz 20
Mrz 21
Mrz 22
Apr 20
Apr 21
Apr 22
Mai 20
Mai 21
Mai 22
Jun 20
Jun 21
Jun 22
Jul 20
Jul 21
Jul 22
Aug 20
Aug 21
Aug 22
Sep 20
Sep 21
Sep 22
Okt 20
Okt 21
Okt 22
Nov 20
Nov 21
Nov 22
Dez 20
Dez 21
Dez 22
consumption without watering 2020
consumption without watering 2021
consumption without watering 2022
watering 2020
watering 2021
watering 2022


Fabrikstraße
Property Line
Parkplatz Ost
PP Nord /Ost
Bau01
Bau04
Bau 08
Bau 09
Bau14
Bau15
Bau16
Bau17
Bau 19
Bau12
Bau13
Bau22
Bau 23
Bau24
Bau53
B26
Bau 27
Bau28
B29
Bau 38
Bau 36
Parkplatz West
B41
Kita
Sparkassenallee
Eisenbahn
N
O
S
W
LEGEND
Watering green areas

6.2 Raw materials and supplies

An important goal is to minimize material consumption while fulfilling customer requests. In addition to the positive environmental impact, this also leads to have favorable economic effects, as costs are generally reduced consequently.

Material in the production process (in tons) (not including pre-assembled components/trade goods)	**2019**	**2020**	**2021**	**2022**
Metals	**Tons per year**			
Aluminum	6.63	7.62	11.10	8.05
Brass	14.63	5.81	11.00	5.07
Steel	84.69	65.16	81.53	81.77
Titanium	2.03	2.37	2.34	2.39
Auxiliary materials and supplies	**Tons per year**			
Oil-based cooling lubricants (cutting oil)	25.67	18.30	41.90	28.54
Water-miscible cooling lubricant (emulsion)	1.58	0.79	1.41	0.40
Transformer oil*	28.77	19.49	28.93	19.17
Other oils	3.37	3.56	4.41	6.15
Solvents	3.17	3.20	4.07	3.66
Technical gases	**Tons per year**			
Argon	11.89	11.24	16.42	15.70
Nitrogen	6.50	7.06	6.86	7.32
Hydrogen	1.42	0.56	0.53	0.52
Total	190.35	145.16	210.50	178.73
Material usage [tons per employee]	0.09	0.07	0.09	0.08
Material usage [tons per 1,000 productive hours]	0.32	0.33	0.34	0.29

* Only used as a thermal oil for sealing x-ray tube assemblies

Paper consumption (sheets per year)	**2019**	**2020**	**2021**	**2022**
printed pages	4,226,600	2,976,500	3,315,750	3,021,010
Number of employees at the Bensheim site	1,719*	1,589*	1,601*	1,712*
Material consumption [sheet / employee]	2,459	1,873	2,071	1,765
Material usage [sheet per 1,000 productive hours]	7,207	6,757	5,380	4,967

* Employees of the Dentsply Sirona Deutschland GmbH are not included.

6.3 Hazardous materials and water contaminating substances

All hazardous materials are recorded in a Hazardous Materials Directory. The controlled introduction of hazardous materials is regulated by a release and approval process. The Bensheim site is a specialized company in accordance with the requirements under the German Water Management Act. The processes for handling water contaminating substances are governed in work and operating instructions. The entrepreneurial obligations for which the managers are responsible in this context are assigned to them in writing. The managers are assigned for this context in written form as a part of their responsibility.

6.4 Emissions

6.4.1 Calculation of emissions for the heating system

Year	2019	2020	2021	2022
CO [t]	0.81	0.73	0.93	0,65
CO_2 [t]	1,446	1,310	1,676	1,187
CO_2 weather adjusted [t]	1,513	1,460	1,586	1,463
NO_X [t]	1.24	1.13	1.44	1.02
SO_2 [t]	0.09	0.08	0.10	0.07
Fine dust [t]	0.03	0.03	0.04	0.03
CO_2 [t / employee]	0.66	0.60	0.76	0.51
CO_2 weather adjusted [t / employee]	0.69	0.67	0.72	0.63
CO_2 [t / 1,000 productive hours]	2.47	2.97	2.72	1.95
CO_2 weather-adjusted [t / 1,000 productive hours]	2.58	3.32	2.57	2.41

CO_2 emissions from the heating system decreased significantly between 2021 and 2022, analogous to gas consumption (see No. 6.1.5).

6.4.2 Calculation of CO_2 emissions from electricity generation

The emissions from electricity consumption are accumulated from the energy utility company's relevant power plant, where the CO_2 ratios (stated below) were calculated for our site.

Year	2019	2020	2021	2022
CO_2 [t]	4,246	2,650	3,102	3,372
CO_2 [t / employee]	1.93	1.22	1.40	1.45
CO2 [t / 1,000 productive hours]	7.24	6.02	5.03	5.54

CO_2 emissions due to electricity generation increased disproportionately (+8.7%) between 2021 and 2022 compared to additional electricity consumption (+2.1%). This is remarkable because despite a higher share of "green energy" (+6.0%) in electricity generation in 2022 compared to 2021, CO_2 emissions in energy generation increased by approximately 6.6%.

In relation to the number of employees, CO_2 emissions from power generation increased by 3.6% between 2021 and 2022, and by 10.2% in relation to productive hours.

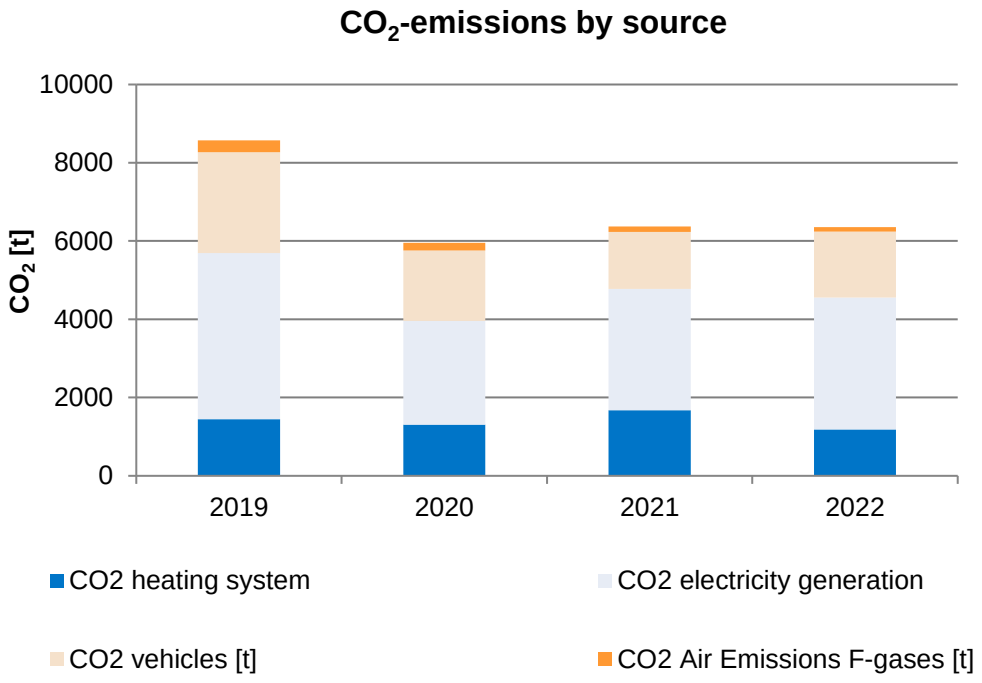
6.4.3 Calculation of CO_2 emissions from company vehicles

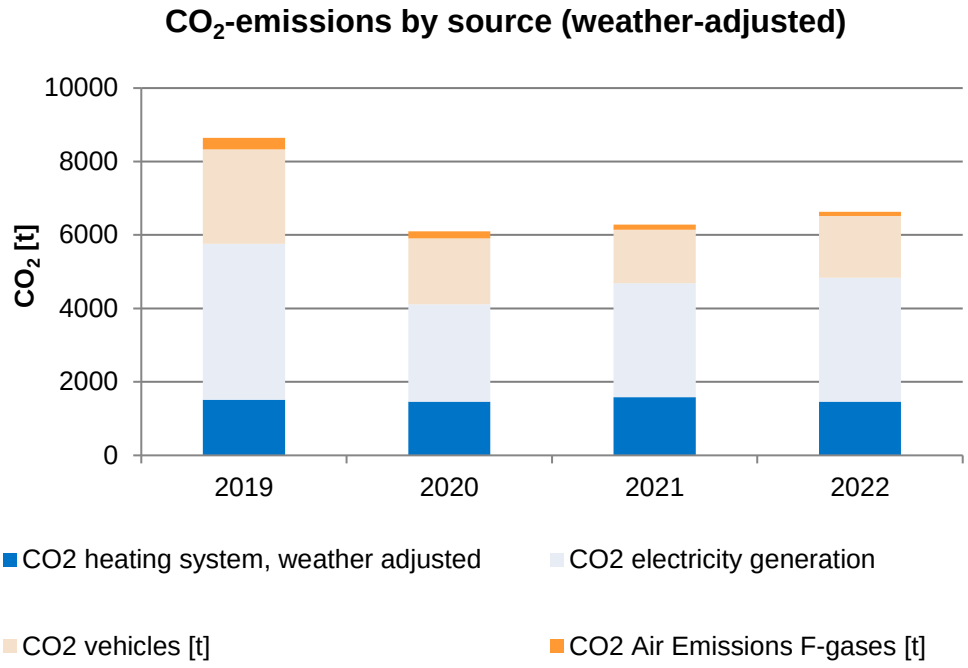
Year	2019	2020	2021	2022
Ø (WLTP-Value) CO_2 / vehicle [g/km]	159	155	127	132
CO_2 [t]	2,574	1,798	1,455	1,683

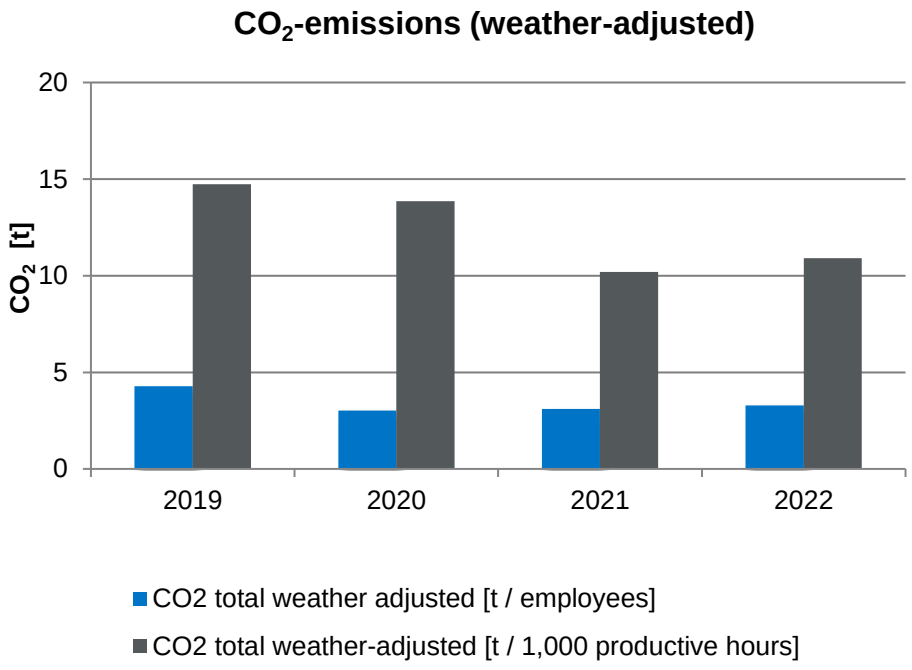
6.4.4 Total CO_2 emissions (heating, electricity, company vehicles, F-gases)

Year	2019	2020	2021	2022
CO_2 total [t]	8,574	5,951	6,372	6,354
CO_2 total weather adjusted [t]	8,641	6,101	6,283	6,631
CO_2 total [t / employee]	4.25	2.95	3.15	3.14
CO_2 total weather adjusted [t / employee]	4.28	3.02	3.11	3.28
CO_2 total [t / 1,000 productive hours]	14.62	13.51	10.34	10.45
CO_2 total weather-adjusted [t / 1,000 productive hours]	14.73	13.85	10.19	10.90

Total CO_2 emissions decreased by 0.3% from 2021 to 2022 (increased by 5.5% weather- adjusted). In relation to employees, total CO_2 emissions decreased by 0.3% (increased by 5.5% weather-adjusted) and increased by 1.1% (increased by 6.9% weather-adjusted) in this period.




CO_2-emissions by source (weather-adjusted)
10000
8000
6000
4000
2000
0
CO_2 [t]
2019
2020
2021
2022
CO2 heating system, weather adjusted
CO2 electricity generation
CO2 vehicles [t]
CO2 Air Emissions F-gases [t]


CO_2-emissions (weather-adjusted)
20
15
10
5
0
CO_2 [t]
2019
2020
2021
2022
CO2 total weather adjusted [t / employees]
CO2 total weather-adjusted [t / 1,000 productive hours]

6.4.5 Noise emissions

The noise emissions into neighboring residential areas are well below official requirements. Noise emissions only arise at the company premises from:

- Intra-company traffic from battery-operated ground conveyors and stackers
- Ventilation systems
- Trucks (deliveries and removals)
- Employee traffic

6.4.6 Emissions of volatile organic compounds

Sirona Dental Systems GmbH and Sirona Technologie GmbH & Co. KG operate cleaning and degreasing systems using solvents. Slightly volatile organic solvents are in use. No solvents are used at the site based on fully fluorinated hydrocarbons or that feature carcinogenic, mutagenic or reprotoxic properties.

Company	Solvent consumption 2022
Sirona Technologie GmbH & Co. KG	1,135 kg / year
Sirona Dental Systems GmbH	585 kg / year
Total	1,720 kg / year

The systems at Sirona Technologie GmbH & Co. KG have been reported to the supervisory authority in accordance with 31. Federal Emission Protection Act. A solvent log report must be prepared for these systems. This log report states that the emissions of slightly volatile organic solvents amount to 0.07%. The permissible limit is 20%.

6.4.7 Emissions from greenhouse gases

Fluorinated greenhouse gases (F-gases) in refrigeration systems have been assessed according to the requirements of Regulation (EC) No. 517/2014 "F-Gas Regulation", i.e. for each system and each gas used in it, its effect on global warming has been calculated. The conversion factor used for this purpose is called CO_2 equivalent or GWP value.

For example, the CO_2 equivalent for methane is 28 for a time horizon of 100 years, which means that one kilogram of methane contributes 28 times as much to the greenhouse effect as one kilogram of CO_2 within the first 100 years after release (source: Wikipedia).

Refrigeration systems at the Bensheim site are operated with a closed refrigeration cycle. The refrigeration systems are tested for leaks in accordance with legal requirements. Fluorinated greenhouse gases (F-gases) can be lost through leaks in the systems and must therefore be refilled if leaks are detected.

When new plants are built, care is taken to keep the refrigerant volume and the GWP value of the refrigerant as low as possible.

Year	2019	2020	2021	2022
Number of plants	193	202	206	215
Total CO_2-equivalent [t]	2,768	2,667	2,636	2,644
Ø CO_2 equivalent / plant [t]	14.34	13.21	12.80	12.30
Coolant losses CO_2-equivalent [t]	307.51	191.80	138.97	111.96

6.5 On-site waste

Waste is divided into hazardous and non-hazardous waste, which are classified as waste for recycling and waste for disposal. In order to achieve a high recycling rate of the waste, waste separation is monitored.

Electrical devices from customers are not included in the following overviews. The operating instructions provide the customer with the information required for the disposal of old equipment. The return and recycling are carried out by a contractor.

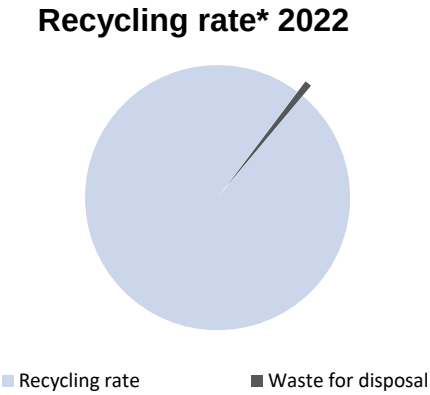
Statistics of waste quantities

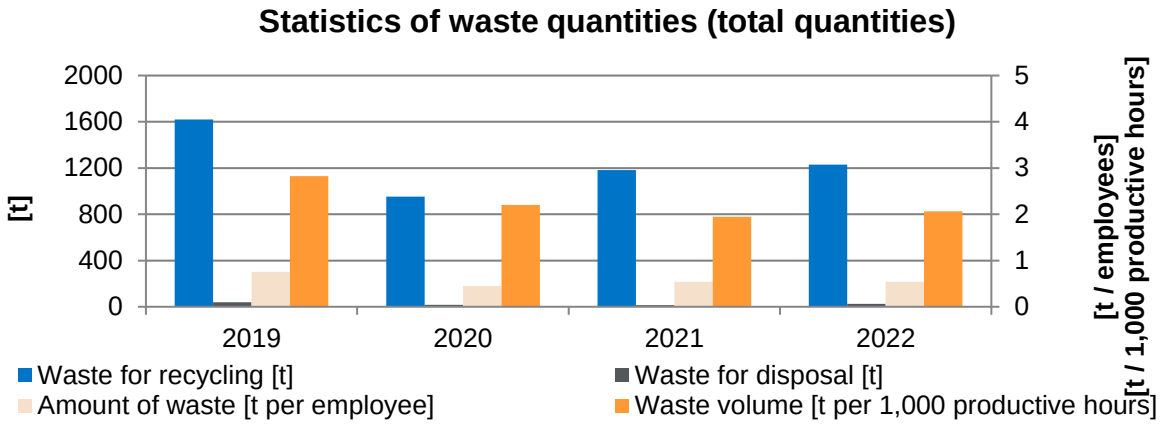
Year	2019	2020	2021	2022
Total waste quantity [t]	1,658	970	1,199	1,255
Hazardous waste [t]	178	112	254	223
Non-hazardous waste [t]	1,480	858	944	1,032
Hazardous waste [t / employee]	0.08	0.05	0.11	0.10
Hazardous waste [t / 1,000 productive hours]	0.30	0.25	0.41	0.37
Waste for recycling [t]	1,621	952	1,183	1,230
Waste for disposal [t]	38	18	15	25
Recycling rate	97.7%	98.2%	98.7%	98.0%

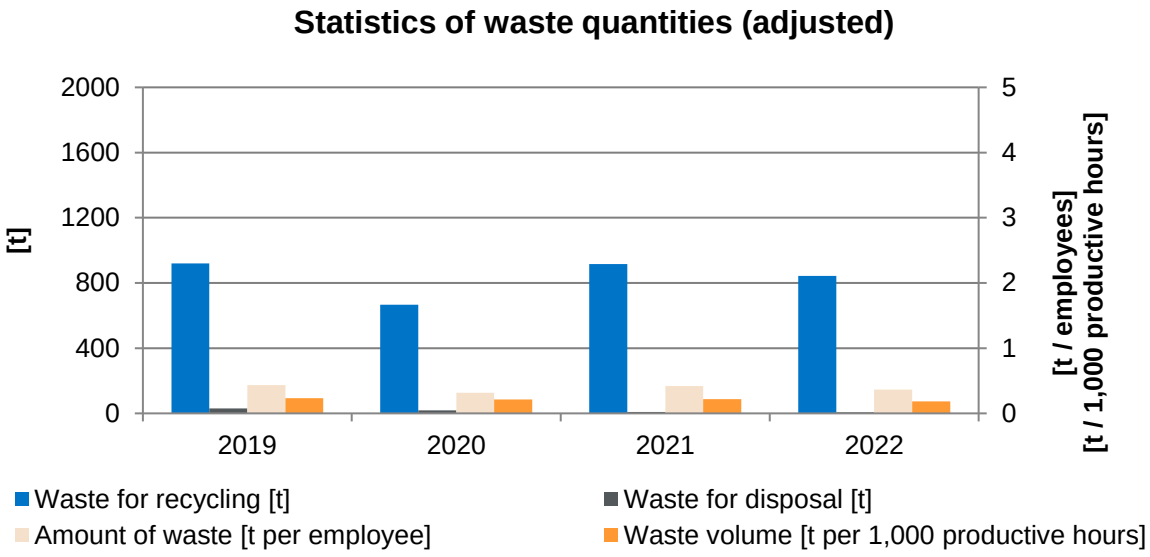
Adjusted statistics of waste quantities*

Year	2019	2020	2021	2022
Total waste quantity [t]	950	684	925	850
Hazardous waste [t]	136	95	135	111
Non-hazardous waste [t]	813	589	790	738
Hazardous waste [t / employee]	0.06	0.04	0.06	0.05
Hazardous waste [t / 1,000 productive hours]	0.23	0.22	0.22	0.18
Waste for recycling [t]	920	667	916	843
Waste for disposal [t]	30	18	9	7
Recycling rate	96.9%	97.4%	99.0%	99,2%

*Without construction activities, company canteen, landscape conservation policy, occupational doctor service







The fluctuations in waste volumes are mainly due to construction activities. The waste volume excluding construction activities, company restaurant, landscape maintenance, company medical service decreased by 8.1% between 2021 and 2022. The recycling rate is 99.2%.

7. Signatures

Dentsply Sirona carries out an annual eco-audit at the Bensheim site.
The results are used in the Environmental Declaration.

The Environmental Declaration is submitted to a certified environmental expert for validation each year.

Bensheim, February 17, 2023

Jan Siefert
(Executive Management[1])

Thorsten Schröder
EH&S Management Officer

Volker Vellguth
(Executive Management[2])

Thorsten Schröder
EH&S Management Officer

[1] For the legal entities listed below:

Sirona Dental Services GmbH
Sirona Dental Systems GmbH
Sirona Technologie GmbH & Co. KG
Sirona Immobilien GmbH
Sirona Verwaltungs GmbH

[2] For the legal entities listed below:

Dentsply Sirona Deutschland GmbH

The EH&S Management Officer

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is your contact.

8. Validation of the updated Environmental Declaration

The Environmental Expert Mr. Frank Meckel
Hansastraße 3
35764 Sinn
Certification no: DE-V-0235

hereby confirms that the organization Dentsply Sirona at the Bensheim site, consisting of

Dentsply Sirona Deutschland GmbH
Sirona Dental Services GmbH
Sirona Dental Systems GmbH
Sirona Technologie GmbH & Co. KG
Sirona Immobilien GmbH
Sirona Verwaltungs GmbH

Fabrikstraße 31
64625 Bensheim

fulfills all of the requirements of Regulation (EC) No 1221/2009 of the European Parliament and of the Council of November 25, 2009 on the voluntary participation by organizations in a Community eco-management and audit scheme (EMAS) and Regulation (EU) No 2017/1505 amending Annexes I, II and III to Regulation (EC) No 1221/2009 of August 28, 2017 and Regulation (EU) No 2018/2026 amending Annexes IV to Regulation (EC) No 1221/2009 of December 19, 2018.

The signing of this Declaration is a confirmation that

1. the expert evaluation and validation have been completed in full compliance with the requirements of Regulation (EC) No 1221/2009,
2. the results of the expert evaluation and validation confirm that there is no evidence of a failure to comply with the applicable environmental regulations,
3. the sates and statements in the Environmental Declaration for the site provide a reliable, credible, and truthful picture of all of the organization's activities within the area stated in the Environmental Declaration.

The Environmental Declaration is declared to be valid

Bensheim, February 17, 2023

Frank Meckel

EMAS
VERIFIED ENVIRONMENTAL MANAGEMENT
DE-115-00003

The next consolidated Environmental Declaration will be submitted for validation in February 2026. An updated Environmental Declaration will be prepared and validated in 2024 and 2025.

9. Terms

Abbreviation	Meaning
Audit	review
CO_2	carbon dioxide
DIN	German Institute for Standardization (Deutsches Institut für Normung)
DQA	Director of Quality Assurance
EMAS III	Regulation (EC) No 1221/2009 of the European Parliament and of the Council of 25 November 2009 on the voluntary participation by organizations in a community eco-management and audit scheme.
EMS	Environmental Management System
GWP	global warming potential
GVA	gross value added
ICT	Information and communication technology
ISO	International Organization for Standardization
IT	Information Technology
kWp	kilowatt peak. Indicates the performance of a photovoltaic system under standardized conditions.
Modulating Operation/Mode	For energy saving and power adjustment, modern burners are equipped for controllable (modulating) operation. At start-up, the unit initially operates in the lower output range. Only when more heat is required does an exhaust gas sensor control the fuel supply and the combustion air volume of the burner. The burner modulation automatically adjusts the heat generation to the actual demand and achieves a higher efficiency. [Source: Vaillant Deutschland GmbH & Co. KG]
MWh	megawatt hour (= 1000 kilowatt hours)
WLTP	Worldwide harmonized light vehicles test procedure; worldwide standardized procedure for the determination of exhaust emissions and fuel/electricity consumption of motor vehicles
31. BImSchV	31. Regulation implementing the Federal Immission Protection Act (Regulation on the limitation of emissions of volatile organic compounds in the use of organic solvents at certain plants)