



ENVIRONMENTAL STATEMENT 2022

Werner & Mertz GmbH & Co KG

Erdal GmbH

W&M Professional Vertriebs GmbH

W&M Holding GmbH

Neualmerstr. 11-13

A- 5400 Hallein

As of: 23 March 2022





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In this Environmental Statement the generic masculine pronoun is used for ease of reading. Feminine and other gender identities are explicitly included wherever required by the context.





1. Foreword from Management

A sustainable lifestyle for us all!

For Werner & Mertz, sustainability is not a passing trend, but an established and diligently maintained company tradition.

Every year since 2003 we have released an Environmental Statement in which we report the progress our company has made in ecologically compatible and resource-conserving manufacturing. The Environmental Statements for the Werner & Mertz sites in Mainz and in Hallein document the company's activities in ecological terms. As we see it, sustainability rests on three pillars—economic, social and environmental—all of which we monitor closely.

We are certain that consumers seek companies for which social and ethical issues are as just as important as ecological criteria. We have learned that customers appreciate our products' quality, productivity and manufacturing methods and the chance to bring sustainability into everyday life.

"The care of all good things" is the Werner & Mertz credo. It expresses how we link appreciation and value preservation with attentive care.

With EMAS, the most comprehensive and demanding environmental certification system, we can prove how consistently our sustainability philosophy is actually practiced in our company. EMAS makes a substantial contribution to deepening the trust our customers place in our products.

The German Environmental Award was given to us in recognition of the integrally sustainable corporate philosophy. It is a great honor that brings with it the responsibility to continue following this course.





We hope that our activities will prompt other companies and consumers to emulate us. Our efforts will succeed if we present all facets of sustainability—including accomplishments and future challenges—in an appropriate and understandable way.

Medium-sized companies in particular, like ours with the Frosch brand, use this combination of environmental management und environmental audits to create a distinctive corporate image.

Reinhard Schneider

Chairman of the Management Board





2. The Company

The well-known brands from Werner & Mertz are found throughout Europe and in some overseas countries. Since 2011 Japan has played a significant role in the success of our Frosch products. Our customers' brand loyalty forms a solid basis for developing new markets.

The strategy of the Werner & Mertz Group concentrates on two fields of competence. In the traditional Consumer Division, the focus is on private end users to whom we offer an extensive product portfolio for household cleaning and care. The Professional Division supports commercial bulk customers with specialized care products and services.

Werner & Mertz has remained loyal to its Mainz site since the company's founding. Our headquarters are here and will remain here in the future. Mainz is the home of the company's core functions of product development, product supply, marketing, administration and logistics. The companies Erdal-Rex GmbH, Tana-Chemie GmbH, BNS International GmbH and Werner & Mertz Service & Logistik GmbH are wholly-owned subsidiaries of Werner & Mertz GmbH. They too are located in Mainz.

The Austrian companies of the Werner & Mertz Group are located in Hallein near Salzburg. Approximately 160 employees work there in production, administration and in the two sales companies. For more than 60 years small series for the Consumer and Professional Divisions have been manufactured in the conveniently located city on the Salzach. Back in 2014 work began on converting the Erdal site Hallein for specialization in small-volume articles. Within the Werner & Mertz Group, Hallein has been developed into the competence center for shoe care, Frosch hand soap, Frosch Senses shower gel and Frosch room fresheners.

Our commitment to the German and Austrian sites demonstrates our respect for local corporate conditions, extensive social benefits, high educational levels and ecological awareness.





Awards and Certificates

For many years the Werner & Mertz Group has received ISO 14001 certification for its production sites. ISO 14001 is the international standard for a globally valid environmental management system. With this certification we prove the implementation and maintenance of a recognized and independently audited environmental management system.

With EMAS certification for both production sites, Werner & Mertz also has evidence of its exemplary ecological orientation along the entire value chain. EMAS is the acronym for "Eco-Management and Audit Scheme", which also is known as "EU eco-audit".

What makes EMAS so special?

- Highest environmental standards based on strict EU criteria
- Annual internal audit
- Annual external audit conducted by independent environmental auditors
- Proof of the continuous improvement in environmental performance
- Involvement of employees

As of this year, our site in Hallein has been EMAS certified for 17 years.

In addition to the ISO 14001 and EMAS certification, the companies at the Hallein site have an ISO 5001 certified Energy Management System.

Werner & Mertz GmbH und Co. KG has been certified by the International Featured Standards for Household and Personal Care (HPC) products and DIN EN ISO 9001. Werner & Mertz Professional Vertriebs GmbH holds DIN EN ISO 29990 certification.

IFS HPC, an international standard that guarantees the safety and quality of household and personal care products, emphasizes compliance with customer agreements and the protection of the end consumer.





The Werner & Mertz Group was the first medium-sized corporate group to join the A.I.S.E. Charter for Sustainable Cleaning. (A.I.S.E. is the International Association for Soaps, Detergents and Maintenance Products.) This seal tells consumers at a glance that this product was developed and manufactured from a sustainable perspective. Special attention is paid to consumer-friendly and safe use.

The European Ecolabel is the driving force behind the promotion of environmentally friendly formulas for cleaning products. The environmental flower was created in the mid-1990s to serve as the environmental label for Europe. As the frame for all the national eco-labels, it sets high requirements for environmentally friendly products. Many of our cleaners for consumers and Green Care Professional products from Tana-Chemie GmbH now have Ecolabel certified formulas.

For the first time in Europe a product from the cleaning industry—Frosch Citrus Shower & Bath cleaner—received the ambitious award Cradle to Cradle Certified™ Gold in June 2013. The Frosch brand, an eco pioneer for more than 30 years, once again was recognized as the forerunner in sustainability.

At the end of 2013 the first cleaning and care assortment in the professional segment with eight Green Care Professional products was awarded Cradle to Cradle Certified™ Gold. As of March 2022, 53 Professional products and three Frosch products had received Cradle to Cradle certification.





3. Statutory Regulations

Authorization for the operation of our production facilities in Hallein was granted in 1967.

Permits have been issued as per the Clean Air Act (*Luftreinhaltegesetz*) for the plant, including the natural gas combustion system, steam boiler installations, and the bio filter system to prevent odor emissions. In addition, the use of well water for cooling purposes and its subsequent reintroduction into the Salzach and the discharge of surface water from roof areas into the river are approved in accordance with water law.

All buildings were approved according to the building code.

Negotiations with government authorities were conducted during 2011 and 2012 with the goal of obtaining a consolidated approval notice (a compilation of all previously granted individual permits). In April 2013 a draft version of a consolidated approval notice was sent to us, but the actual notice was not received. Consequently, in October 2015 an agreement was made with the authorities that all changes made in the plans and text since 2013 would be submitted to the authorities, included in new negotiations and incorporated in the consolidated approval notice. The submission of all required documents to the authorities took place in December 2019.

The statutory regulations for our site are documented in the Environmental Management System and our legal registry. We ensure adherence to them through regular updates of legal norms and laws and by means of internal and external audits.

We have determined the legal requirements for the Clean Air Act (heating system), water laws (wastewater), waste regulations (disposal), hazardous substances handling, occupational safety legislation and contaminated sites.

Our company ensures adherence to all legally relevant regulations and applicable notifications. We have implemented the digital legal register "Legal CARE®" into which we enter the latest statutory regulations. Environmental protection officers regularly review changes in laws with regard to their relevance for our business. Suitable measures are implemented immediately to comply with new regulations.





4. Milestones in Environmental and Energy Management

For many years, sustainable and environmentally conscious management has been a fundamental issue at our site in which we have made substantial investments. The measures and activities compiled below show the chronological order.

1985 Conversion from heavy fuel oil to natural gas (which resulted in a significant reduction of emissions) for steam generation and heating via steam and heating boiler.

1986 With the launch of the Frosch brand, Werner & Mertz established the successful product line of environmentally friendly household cleaners.

1994 Installation of a bio filter to eliminate odor emissions.

1997 Creation and implementation of a special alarms plan

New construction of a waste management center.

2002 Establishment of Quality Management System and certification of Product Supply area by TÜV- Rheinland according to ISO 9001:2000 criteria.

2004 Environmental Management System set up and certification audit conducted for the three companies at the Hallein site

2005 Certification of the three companies according to EMAS and ISO 14001 criteria.

Implementation of sustainability guidelines and participation as the first medium-sized company in the A.I.S.E.-Charter for Sustainable Cleaning, an initiative of the European soaps, detergents and maintenance products industry.





- 2006** Drawing of up to 80 cubic meters of ground water daily from the company's own well for production of demineralized water for Production and as cooling water. Extracting ground water contributes to lowering the normally high ground water level in the Neualm area of Hallein.
- 2007** By order of top management, further development of the environmental management system into a sustainability system for the Werner & Mertz Group, including the Hallein site. It is based on the three pillars of sustainability, namely, economy, ecology and social responsibility.
- 2008** First Sustainability Report published by the Werner & Mertz Group
- 2009** The Frosch brand wins the German Sustainability Award.
- 2010** Pioneer work in recycling: With the use of at least 50% recycle in plastic packaging, the Frosch brand sets new standards for environmentally friendly packaging in Europe.
- 2011** A filling line for “Frosch-Oase”, equipped with an energy-optimized LED system and connected to filling line operations, adjusts to daylight conditions. As of December 2011 all Frosch PET bottles have a recycle share of more than 65%. In Hallein alone this translates into a savings of about 200 tons of “new PET” per year.
- 2012** Completion of negotiations with government officials on the issuance of the consolidated approval permit for the Hallein site.
- 2013** Implementation of Energy Management System as per ISO 50001 in Hallein and integration in the existing Environmental Management System as per EMAS III und ISO 14001.





- 2014** Manufacturing containers are equipped with Clean-In-Place systems to save water and speed up the cleaning of the interior.
Replacement of about 500 fluorescent lamps in the filling buildings with energy-efficient LEDs.
- 2015** Completion of state-of-the-art noise and heat-suppressing storage facilities for acids, lyes and other raw materials on about 1500 square meters formerly used for external storage.
Transfer of production of shoe care products from Mainz to Hallein and start up of production line with optimized ergonomics and energy use.
- 2016** Energy-efficient manufacturing system for shoe polish put into operation and the tube line with new system components was moved from Mainz to Hallein.
- 2017** Optimization of compressed air system with a switch to a rigid compressor on a speed-controlled screw compressor.
First-time certification of the W&M Holding GmbH in accordance with EMAS, ISO 14001 and ISO 50001 criteria.
- 2018** A natural gas-operated heating system to heat the office building was installed and put into operation. The poorly insulated lines from the production building to office building were dismantled.
- 2019** Revision of plans and text documents (status as of 31 December 2019) submitted for consolidated permit from government officials.
Planning of a new wastewater system, including pilot testing.
- 2020** Expansion of wastewater treatment system with a flocculation system with connected sludge dewatering
- 2021** Increased proportion of recycle from 20% to 50% obtained from household waste collections for use in PET packaging.





General Measures for Formulas and Packaging:

- In the manufacture of PET bottles that are filled with our cleaning products, we use 100% recycled PET material, 50% of which comes from the Yellow Bag.
- We make HDPE bottles from 100% recyclate from the Yellow Bag.
- 100% recyclable pouch of a monomaterial
- Use of C2C printing ink on all pouches
- Use of water-soluble adhesives on labels for better recycling
- Recyclate use in caps
- Use of European surfactants (e.g., from rapeseed, olives, sunflowers)
- Use of water-soluble labels on various end-consumer products to prevent waste in case of any labeling inaccuracies





5. Corporate Policy and Guidelines

The policy and guidelines of the Werner & Mertz Group include environmental, energy and quality policies which serve as the foundation for our work in environmental protection. Applicable to all business areas, they also contain environmental and energy-related principles of conduct. Concrete goals set for companies in the Werner & Mertz Group are aimed at continuously improving and advancing environmental protection and energy efficiency. The Environmental Program lays out the specific steps needed to achieve the goals at the Hallein site. The steps create the conditions required for integrating environmental protection in day-to-day work at all levels of the company.

6. Structure and Organization of Environmental Management System

The establishment and maintenance of an Environmental Management System is the major component of the EMAS (Environmental Management Audit Scheme) regulation and of ISO 14001. The objectives of the Environmental Management System are to integrate environmental protection in all processes and to make continuous improvements to the environmental performance of the Werner & Mertz Group.

In pursuit of our goals, we incorporate sustainability as a guiding principle in all our processes. We also derive annual measurable environmental and energy goals and monitor the extent to which we have achieved those goals at regular intervals.

The effectiveness of the Environmental Management system is checked every year in internal and external audits.





The following graphic shows the responsibilities and interactions of the Environmental Management system at the Hallein site:

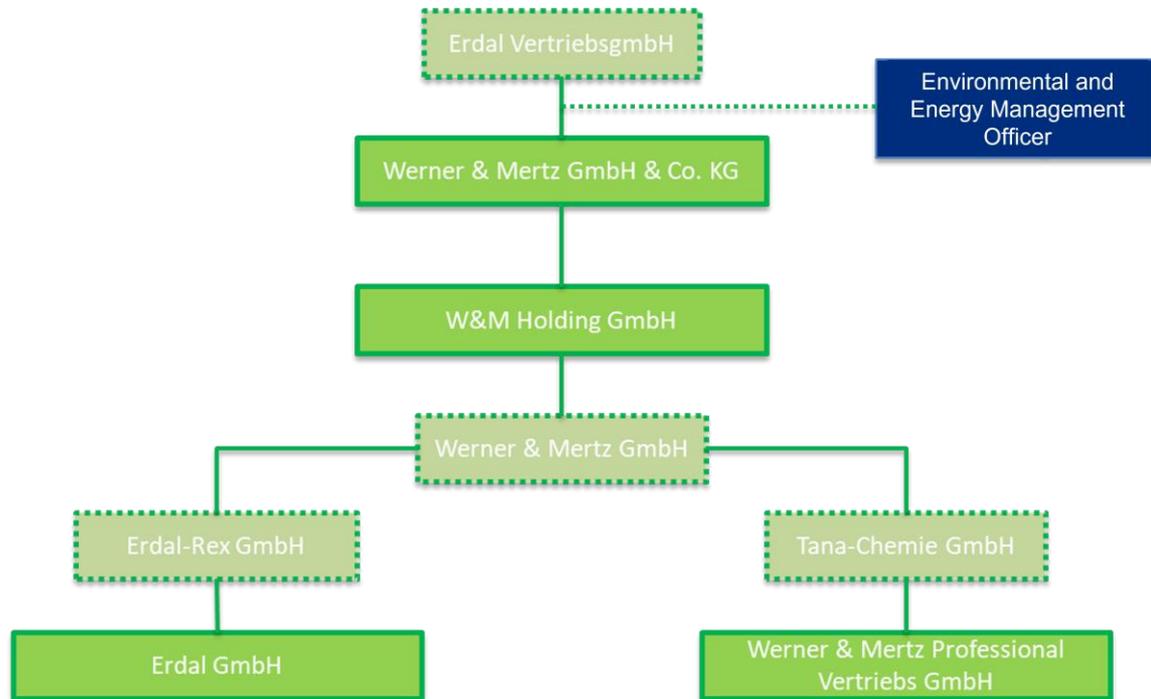


Figure 1 Interactions in Environmental Management system at Hallein site

The companies in dotted line boxes are not part of the Environmental Management System at the Hallein site.

7. Major Changes since Environmental Statement 2021

- New trigger feed to line 62110 is installed
- Planning for a new reverse osmosis system to be set up in 2022
- Planning completed for an ether sulfate diluting system





8. Input and Output Assessment

The most important input and output data from the past four years are presented separately in the following tables.

Input					
Indicator	2018	2019	2020	2021	Unit
Property Area					
Total area comprises:	15,452	15,452	15,452	15,452	m ²
Sealed areas	6,617	6,617	6,617	6,617	m ²
Unsealed areas	8,835	8,835	8,835	8,835	m ²

Input					
Indicator	2018	2019	2020	2021	Unit
Water					
Total consumption comprises:	24,599	23,201	18,048	16,704	m ³
Demineralized water for Production	9,657	9,628	11,530	10,260	m ³
Total consumption (production buildings)	2,181	2,166	2,049	2,585	m ³
Cooling water (well water for AC, Symex system)	12,435	11,083	4,171	3,558	m ³
Water (administration building)	326	324	298	298	m ³





Input					
Indicator	2018	2019	2020	2021	Unit
Energy					
Total consumption comprises:	2,429,006	2,558,437	2,585,946	2,747,200	kWh
Electricity	1,056,020	1,044,000	1,051,000	1,080,000	kWh
Electricity from renewable energy sources	1,056,020	1,044,000	1,051,000	1,080,000	kWh
Natural gas	1,372,986	1,514,437	1,534,946	1,667,200	kWh
Total includes gas for heating	823,680	907,061	940,320	1,006,080	kWh
Total includes gas for process steam	549,306	531,877	594,626	579,042	kWh
Total includes gas for admin building	-	75,499	76,138	82,078	kWh

Input					
Indicator	2018	2019	2020	2021	Unit
Packaging					
Packaging (bottle, pouch, canister, including caps)	88,414,281	87,779,225	88,461,268	78,742,984	piece
Cartons	9,235,310	8,631,321	7,649,051	6,702,643	piece
Labels	60,735,438	54,316,739	54,225,269	40,359,269	piece





Input					
Indicator	2018	2019	2020	2021	Unit
Raw Materials					
Total raw materials and operating supplies comprise:	2,271	2,470	2,907	2,706	t
Solvents / Alcohols	819	732	794	705	t
Surfactants / Soaps / Fatty Acids	826	1,021	1,294	1,361	t
Acids / Lyes / Salts	175	209	203	260	t
Chelating agents	0	0	0	0	t
Fragrances	45	39	39	33	t
Polymers / Dispersions	163	189	145	153	t
Polishes	0	0	0	0	t
Other raw materials, operating supplies (annual quantities < 50 t)	242	280	177	195	t

Paper					
Paper for copiers and printers	about 430,000	about 410,000	about 365,000	about 290,000	sheet





Output					
Indicator	2018	2019	2020	2021	Unit
Products					
Cleaning and care products	10,316	10,661	12,932	10,726	t
Cleaning and care products	38,941,547	39,361,314	39,301,112	34,575,035	piece
CO₂					
Total emissions (*Emissions of company cars are not taken into account)	268,501*	296,163*	300,849*	310,684*	kg
CO ₂ emissions from electricity (eco energy)	0	0	0	0	kg
CO ₂ emissions from natural gas (offset)	(268,501)	(296,163)	(300,849)	(310,684)	kg
CO₂ Equivalents					
CO ₂ emissions from losses of refrigerant	0	0	0	0	kg
VOC emissions	0	0	0	0	kg
Cooling Water / Wastewater					
Total use of cooling water / waste water	14,298	13,531	7,131	7,150	m ³
Direct discharge into drainage channels	12,435	10,930	4,822	3,558	m ³
Indirect discharge	1,834	2,601	2,309	3,592	m ³
Steam					
Steam loss from boiler building	29	106	148	83	m ³





Output					
Indicator	2018	2019	2020	2021	Unit
Waste					
Total waste	309,625	412,035	287,370	236,009	kg
Incl. hazardous waste	0	0	10,520	1,000	kg
Largest Waste Fractions					
Residual waste	39,350	62,230	48,560	59,470	kg
Cardboard and paper	108,835	121,950	102,050	79,603	kg
Wood waste (pallets)	28,000	33,675	68,700	56,205	kg
PE plastic sheets	9,860	10,400	9,760	9,071	kg
PE containers + drums	0	0	0	0	kg
Data protection paper	680	540	530	870	kg
Hollow plastic parts	6,500	6,500	6,750	6,750	kg
Production waste	0	22,040	0	9,100	kg
Mixed sheet metal scrap + metal drums	3,640	28,620	7,180	3,140	kg
Glass	1,440	5,020	1,520	4,800	kg
Green waste	4,000	7,200	6,800	about 7,000	kg
Wastewater shoe polish manufacturing	107,320	113,860	25,000	0	kg

Basis for calculation of emissions:

1 kWh electricity: 2018, 2019, 2020, 2021 = 0.0 kg CO₂ (Source: electric power supplier)

1 m³ natural gas = 2,026 kg CO₂ (Source: Gemis 4.7)

1 l Diesel: 2020 = 2,462 kg CO₂ (Source: Federal Environmental Agency Vienna)



9. Environmental Performance Figures for 2021

The following environmental performance figures and the environmental and energy indicators derived from the input-output assessment serve as a critical instrument for steering and monitoring the effectiveness of the Environmental and Energy Management System.

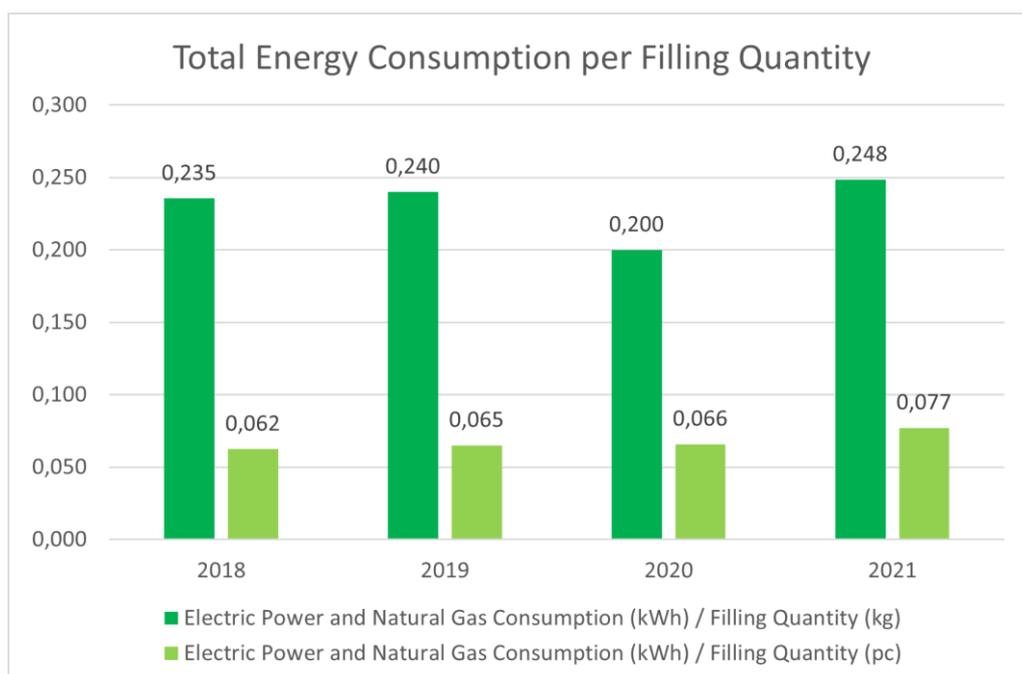
The core indicators make possible:

- an environmental accounting of the actual state of the system
- environment-oriented planning and steering
- regular checks of improvement in environmental performance

The relation to the produced tonnage and number of pieces of finished product also is shown.

Energy / Emissions

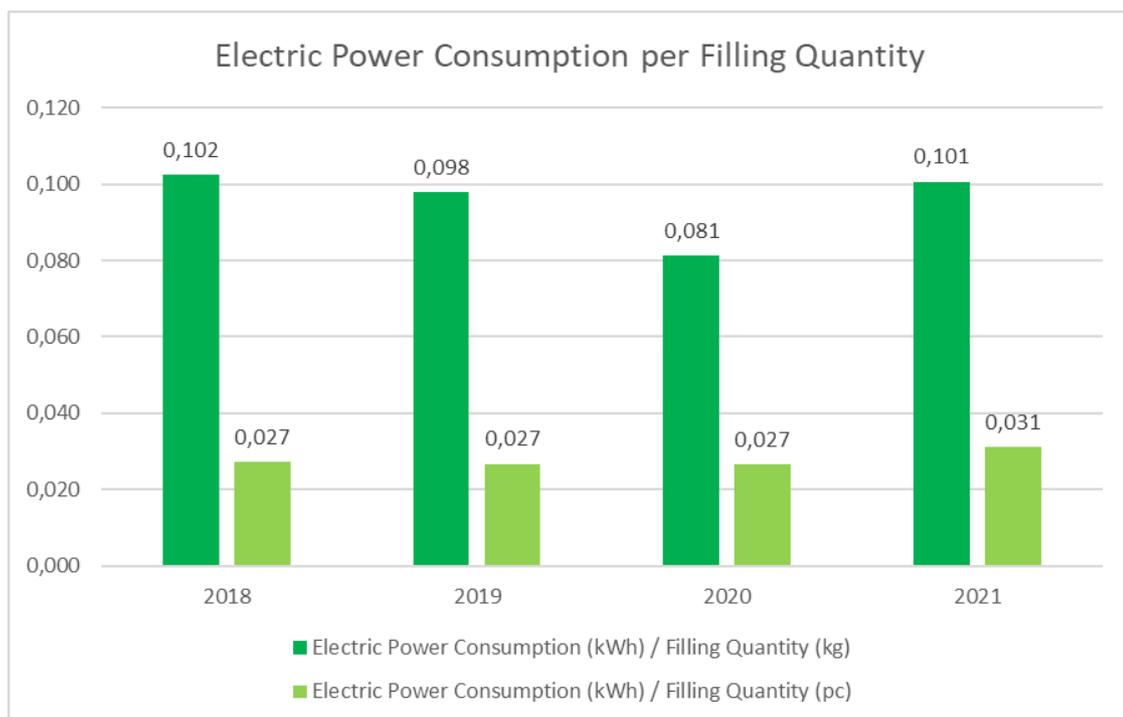
The most important energy sources for our company are electricity and natural gas. We obtain electricity from the local supplier Salzburg AG, whose supply mix has been completely drawn from renewable sources since 2014.





Approximately 30% of our electricity use goes into the manufacturing, filling and packaging facilities in Production. Total energy consumption and electric power consumption vary depending on the number of pieces produced and the filling amount per piece. Consequently, there is no direct correlation of the indicators Energy Consumption / Filling Amount [kg] and Energy Consumption / Filling Amount [piece].

In 2020 the indicator Energy Consumption / Filling Amount [kg] decreased compared to prior year because production was converted to disinfectants and soaps in response to the pandemic. In 2021 the production quantity of disinfectants returned to the level of the years 2018 and 2019. Because the number of pieces produced in 2021 was lower than the previous years, the indicator Energy Consumption / Filling Amount [piece] increased proportionally.

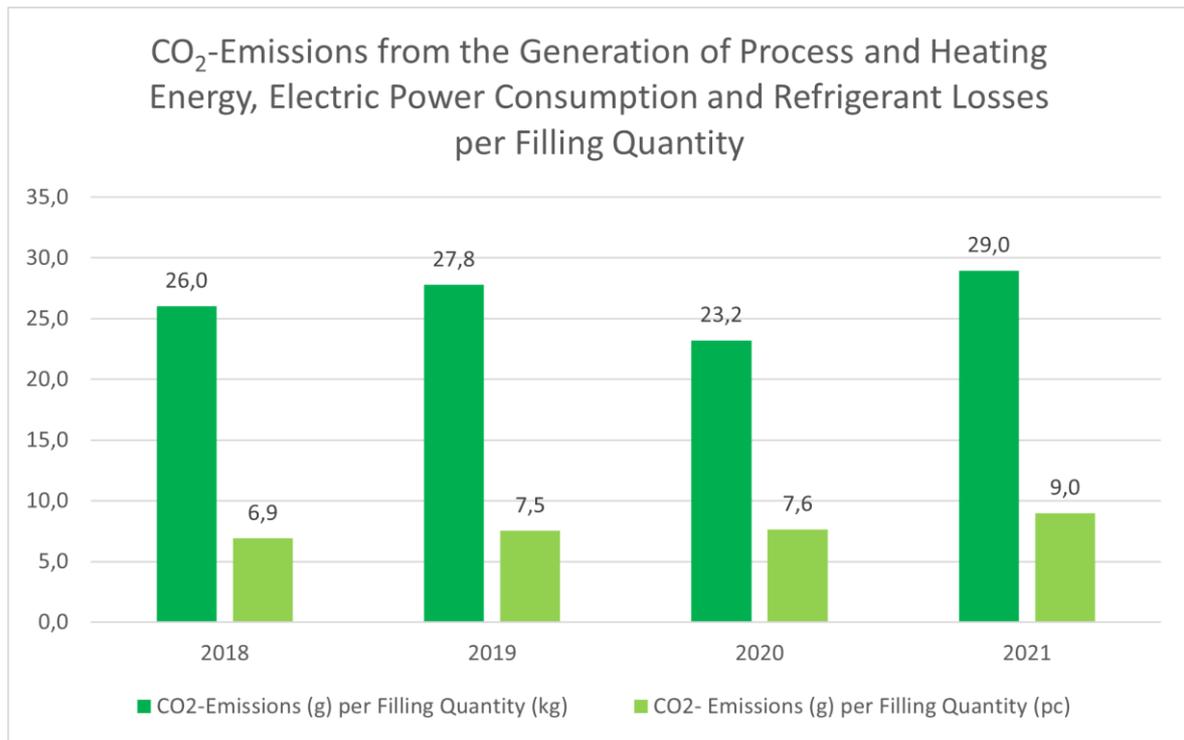


Other major users are compressed air supplies and lighting. Additional use of electricity arose from the extensive rebuilding and transfer of production facilities in 2015. Since the introduction of the Energy Management System in 2013, energy consumption has been evaluated in detail and action plans for energy management have been worked out and integrated in our environmental program.





We calculated the CO₂ emissions resulting from energy use data and refrigerant loss for our site based on information from the power company and the GEMIS database. Because there was no refrigerant loss in 2021, the CO₂ emissions correspond to the gas consumption.



Production has closed systems of storage tanks, piping systems, manufacturing containers and filling facilities. Therefore, Volatile Organic Compound (VOC) emissions occur only in very small quantities through evaporation. Authorities did not specify a VOC emissions limit for the site. Equipment and machinery subject to VOC facilities regulations are not on the Hallein site.

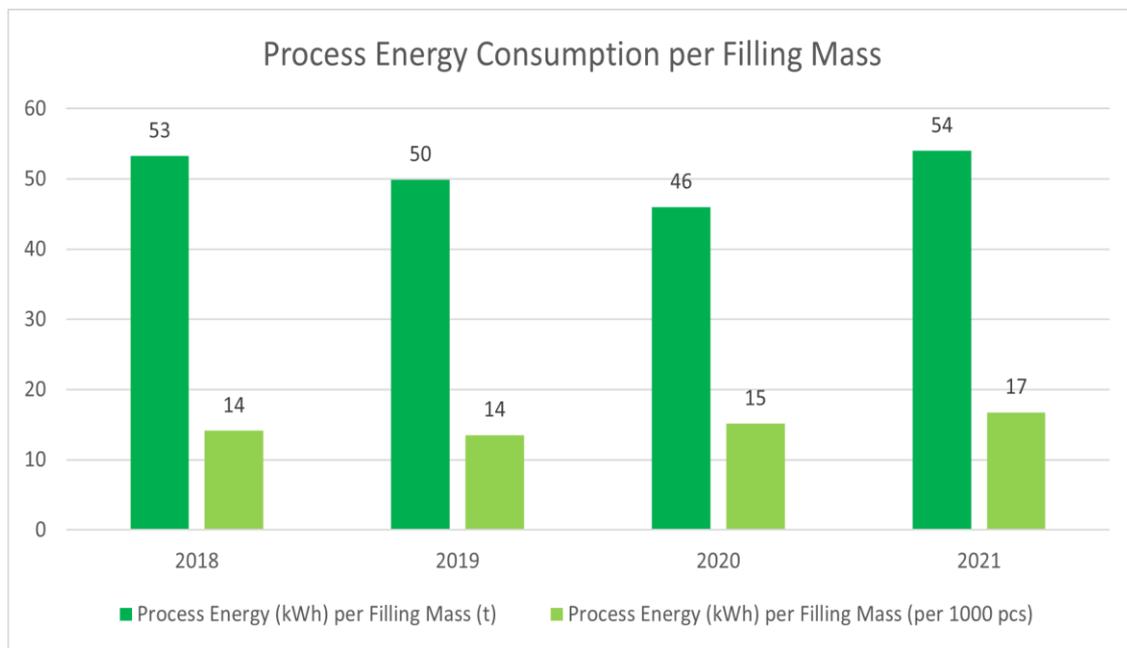
Process and Heating Energy

Process energy is used to heat raw materials and input materials. The manufacture of shoe care products requires a substantial amount of process energy.

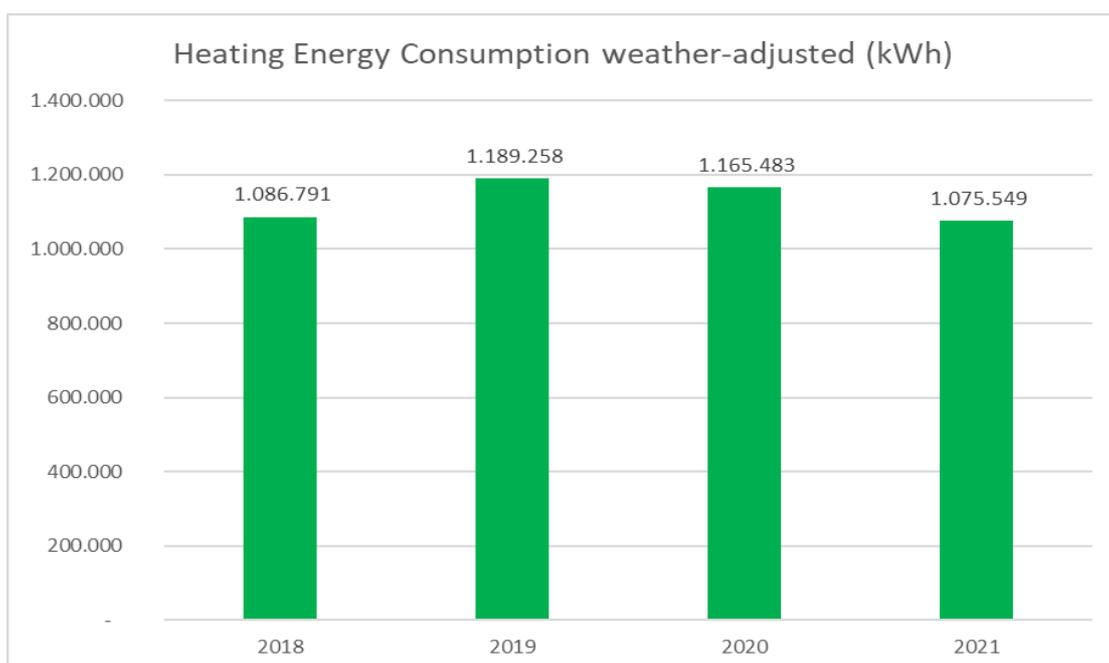




The indicator for process energy consumption per filling amount (piece) or filling mass increased in 2021 over prior year. The energy-intensive filling line was reduced from three-shift to two-shift operations for capacity reasons, a change that required more warming up and cooling down phases.



When the number of heating degree days is taken into account (i.e., a climate-neutral environment), there is a decrease in heating energy consumption.

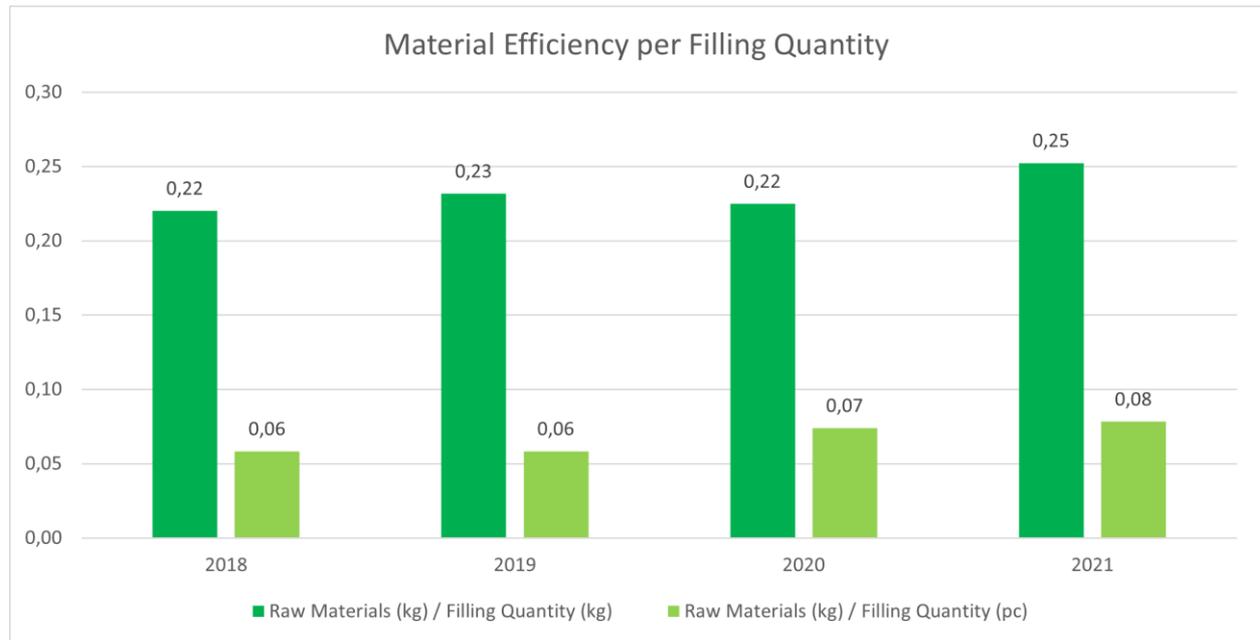




Material Efficiency

The input quantities of feedstocks and changes in individual materials depend directly on the produced article mix. The largest quantities of processed materials are alcohols, surfactants, acids and salts.

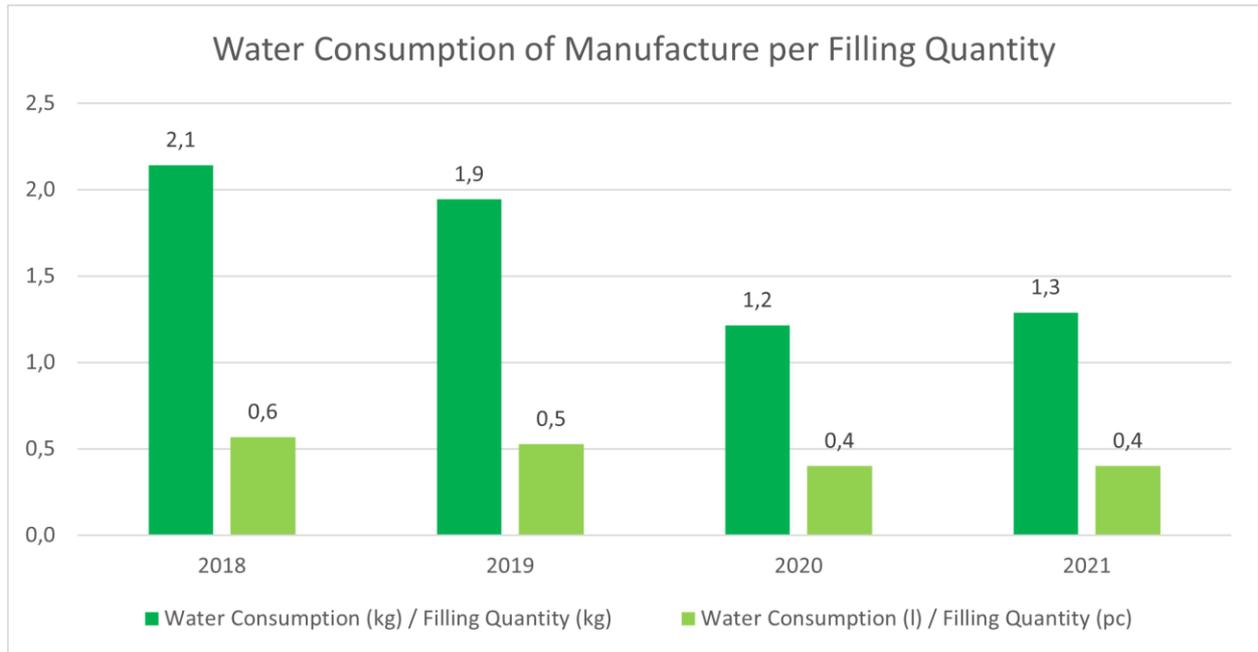
In recent years the indicator has increased slightly as a result of the product mix.



Water / Wastewater

The availability of water at the site is ensured by our own wells and the municipal water pipeline system. A major portion of treated water goes into the manufacture of our products. From the well on company premises, we have drawn up to 80 cubic meters of water daily since the beginning of 2006 and from that amount, we supply completely demineralized water to the production lines. We also draw 15 cubic meters of water daily from the well for cooling purposes. That water does not come into contact with products or other supplies and, completely uncontaminated, is redirected into the Salzach river. Groundwater extraction contributes to lowering the already high water table in the Neualm section of Hallein.



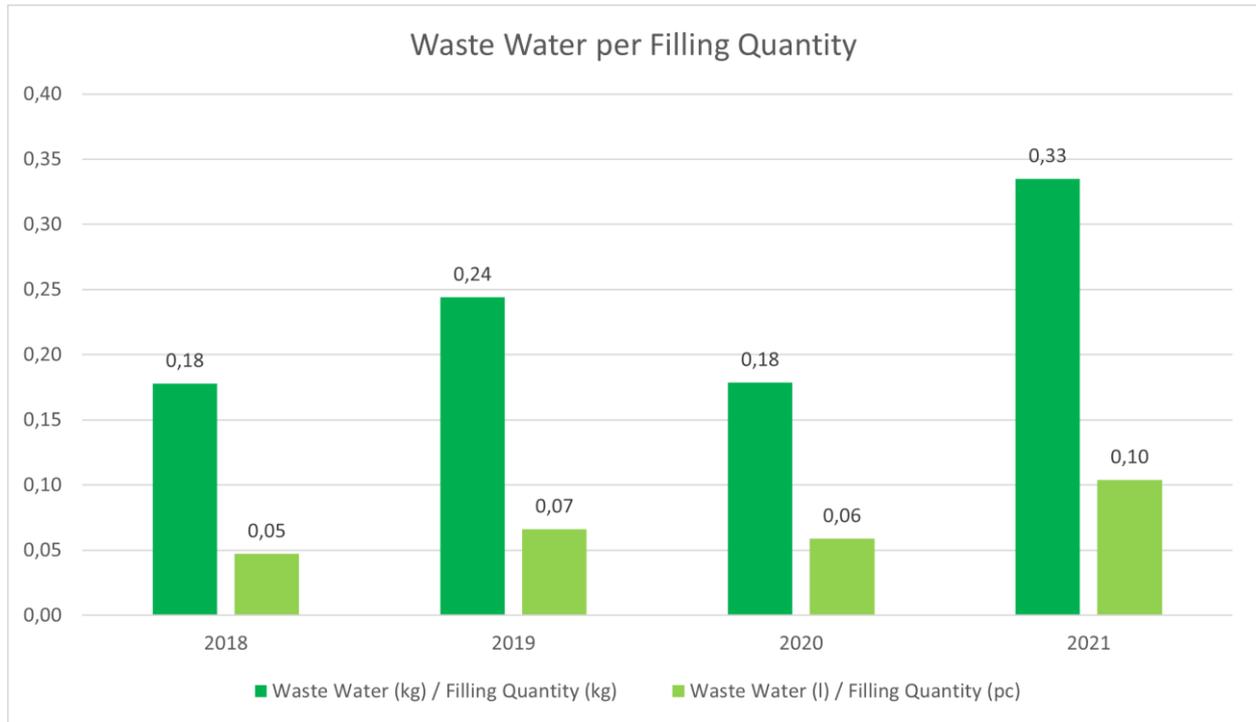


The trend to under-consumption of cooling water continued in 2021. That is attributed to the reduced need for coolant for air-conditioning in one of the production lines and for cooling the Symex system (for the manufacture of shoe care products).

Water from the production building is processed to be used for cleaning purposes and then directed into the municipal water treatment system. The fluctuations in wastewater per filling amount is attributed to complex cleaning and rinsing processes in shoe polish manufacturing and container filling as those products require frequent mass change-overs.

These measures ensure uniform product quality at the production site.



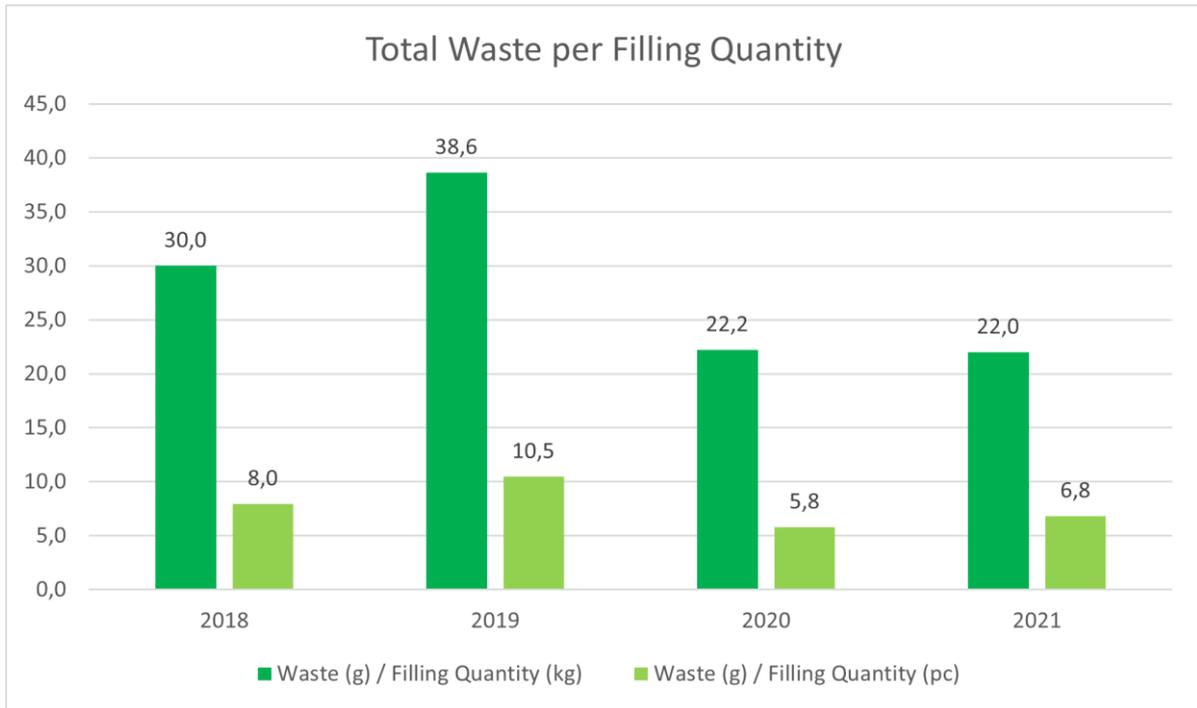


To prevent highly fluctuating wastewater loads, we are obliged to pre-treat, neutralize and direct our production wastewater and to water treatment facilities daily. Polluted wastewater, containing lipophilic substances, for example, is tested continuously and monitored by government agencies. The permitted limits were not exceeded.

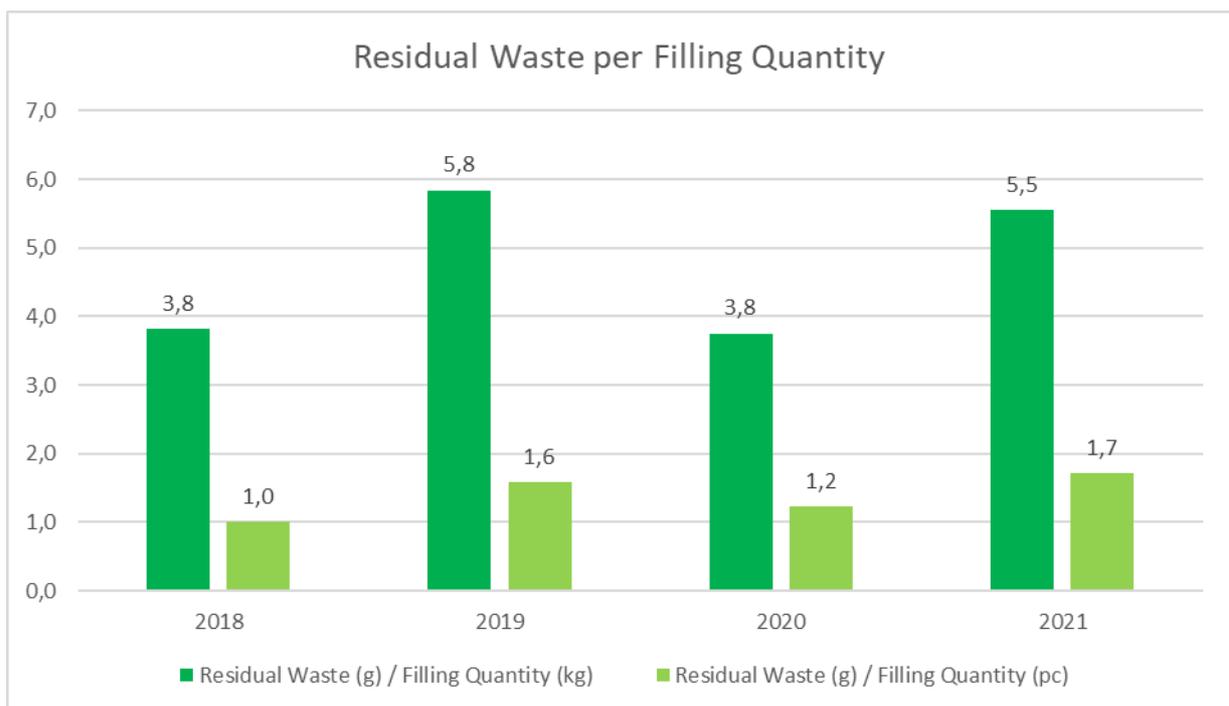
Waste

Cardboard cartons, wood pallets, residual waste and scrap are by far the largest waste fractions on the site. The waste is directed into a proper recycling system. Hazardous waste as a component of production waste occurs only irregularly and in small quantities. All waste fractions are checked regularly by our waste management officer with the objective of optimizing avoidance and recovery measures.





The absolute increase in waste quantities in 2019 and in residual waste resulted from proper disposal of plant components related to the relocation of shoe care production from Mainz to Hallein. The increase in 2021 is attributed to the higher amount of sludge generated in wastewater treatment.





Noise

No noise emitted from the Hallein site exceeds statutory limits.

Prior to the expansion of production during nighttime hours, soundproofing was installed for the bio-filter air supply and the exhaust from compressors.

Contaminated Sites

There are no environmentally relevant indicators of contaminated sites or areas of suspected contamination for the site in Hallein.



10. Core Indicators

The following table contains the data for core indicators required by Regulation (EC) Nr. 1221/2009 (EMAS III).

CORE INDICATORS IN THE YEAR	2018	2019	2020	2021	COMMENTS
<i>FIGURE B₁</i>	10,316 t	10,661 t	12,932 t	10,726 t	
<i>FIGURE B₂</i>	38,941,547 *	39,361,314 *	39,301,112 *	34,575,035 *	(* = 1000 PIECES)
i) Energy Efficiency					
Total direct energy consumption:	<i>FIGURE A</i> 2,429 MWh <i>FIGURE R₁</i> 0.235 MWh/t <i>FIGURE R₂</i> 0.062 MWh/*	2,558 MWh 0.240 MWh/t 0.065 MWh/*	2,586 MWh 0.200 MWh/t 0.066 MWh/*	2,747 MWh 0.256 MWh/t 0.080 MWh/*	The direct energy use total includes only the consumption of electricity and natural gas on the Mainz site.
Total use of renewable energies:	871 MWh 0.113 MWh/t 0.025 MWh/*	1,056 MWh 0.102 MWh/t 0.027 MWh/*	1,044 MWh 0.098 MWh/t 0.027 MWh/*	1,080 MWh 0.101 MWh/t 0.031 MWh/*	Portion of renewable energy in power generation in 2018, 2019, 2020, 2021 = 100%
ii) Material Efficiency					
Total of all raw materials and operating supplies:	2,271 t 0.22 t/t 0.058 t/*	2,470 t 0.232 t/t 0.063 t/*	2,907 t 0.225 t/t 0.074 t/*	2,706 t 0.252 t/t 0.078 t/*	See the Input-Output Assessment for details on Material Efficiency.
iii) Water					
Total annual water consumption:	24,599 m ³ 2.38 m ³ /t 0.63 m ³ /*	23,201 m ³ 2.18 m ³ /t 0.59 m ³ /*	18,048 m ³ 1.40 m ³ /t 0.46 m ³ /*	16,704 m ³ 1.56 m ³ /t 0.48 m ³ /*	For details on water consumption, see the Input-Output Assessment.
iv) Waste					
Total annual waste generation:	310 t 0.030 t/t 0.0080 t/*	412 t 0.039 t/t 0.0105 t/*	287 t 0.022 t/t 0.0073 t/*	236 t 0.022 t/t 0.00668 t/*	For details about waste generation, see Input-Output Assessment.
Total annual generation of hazardous waste:	0 t 0 t/t 0 t/t	0 t 0 t/t 0 t/t	10.5 t 0.0008 t/t 0.0003 t/t	1.0 t 0.00009 t/t 0.00003 t/t	For details about waste generation, see Input-Output Assessment
v) Biodiversity					
Use of land in square meters (m ²) of sealed areas:	6,617 m ² 0.641 m ² /t 0.170 m ² /*	6,617 m ² 0.621 m ² /t 0.168 m ² /*	6,617 m ² 0.512 m ² /t 0.168 m ² /*	6,617 m ² 0.617 m ² /t 0.191 m ² /*	Proportion of sealed area to entire property site: 2018, 2019, 2020, 2021 = 50%





CORE INDICATORS IN THE YEAR		2018	2019	2020	2021	COMMENTS
<i>FIGURE B₁</i>		10,316 t	10,661 t	12,932 t	10,726 t	
<i>FIGURE B₂</i>		38,941,547 *	39,361,314 *	39,301,112 *	34,575,035 *	(* = 1000 PIECES)
vi) Emissions						
Total annual emissions of greenhouse gases in tons of CO ₂ equivalent	CO ₂ from gas	269 t 0.0261 t/t 0.0069 t/*	296 t 0.0277 t/t 0.0075 t/*	300 t 0.0232 t/t 0.0076 t/*	311 t 0.0290 t/t 0.0078 t/*	CO ₂ at the site is emitted only by the burning of natural gas.
	CO ₂ from electricity	0 t 0 t/t 0 t/*				
Total annual air emissions	SO ₂	19.5 kg 0.0019 kg/t 0.0005 kg/*	21.5 kg 0.0020 kg/t 0.0006 kg/*	21.8 kg 0.0017 kg/t 0.0006 kg/*	22.5 kg 0.0021 kg/t 0.0007 kg/*	Emissions of SO ₂ und NO _x from the burning of natural gas to generate heat (heating system and process steam). Data basis: Gemis 4.7
	NO _x	172 kg 0.017 kg/t 0.0044 kg/*	190 kg 0.018 kg/t 0.0048 kg/*	192 kg 0.015 kg/t 0.0049 kg/*	198 kg 0.018 kg/t 0.0057 kg/*	
	PM	0 kg 0 kg/t 0 kg/*				

Legend:

Figure A: Total annual input/impact in the affected environmental area

Figure B: Overall annual output of the organization (in tons (B₁); 1000 pieces (B₂))

Figure R: Ratio A/B (in reference to tons (R₁); 1000 pieces (R₂))





11. Assessment of Direct and Indirect Environmental Impact

For purposes of monitoring and maintaining the most important environmental aspects and their impact, all companies on the Hallein site identified, analyzed and assessed the direct and indirect environmental factors. The assessment helps to determine the significance of the aspects on the site and serves as the basis for defining environmental goals.

In order to be able to react to ever-changing conditions, the companies at the site regularly update the assessment of environmental aspects and follow up on potential measures.

Of particular importance in this assessment are employee transportation, fuel consumption of the vehicular fleet, finished goods logistics, employees' awareness of environmental issues and product-related environmental impact. Details follow:

Employee Mobility

For many years our company has provided subsidies to employees who hold commuter tickets for local public transportation. Employees may purchase a "job bicycle" for which the company provides financial support.

Vehicular Fleet

Diesel consumption of our fleet of motor vehicles (automobiles used by sales staff), which currently includes 31 autos in Euro class 6, one hybrid and one electric auto, is monitored regularly to allow quick reaction to increases in consumption. Consumption has been decreased steadily through regular ecological driver training.

Finished Goods Logistics

Since 2009 we have conducted a sustainability assessment in finished goods logistics with the Fraunhofer Institute. Based on close examination of site processes, especially sales transport, transport to the central logistics warehouse in Mainz and other work processes, we determine harmful emissions and work out optimization measures.

In keeping with the company's holistic approach, we select service providers on the basis of their own sustainability orientation. For our most important logistics partner, sustainability also is a core concern in its corporate decision-making.





Since 2008 the use of modern vehicles and careful fleet management effected a significant reduction in the CO₂e emissions per ton kilometer (2008 vs. 2018 = -40.2%). From 2008 to 2018 the share of low-emission vehicles (EURO 5/EEV = 28% and EURO 6 = 66%) increased from 21% to more than 94%. The updated version of the study for the year 2021 will be available at the end of 2022 and will be taken into account for the next Environmental Statement.

Information for Employees and Customers

Our employee newspaper regularly publishes articles on the subject of environmental protection. We also inform employees of environmental topics during training sessions.

As far as customer information is concerned, it is in our best interests to inform consumers of the benefits of our environmentally friendly products through the campaign "Frosch for clean oceans," the Recyclate Initiative, and preferred use of raw materials that originate in Europe.

Product-related Environmental Impact

When selecting packaging materials, we take into account environmentally friendly aspects, such as the use of recyclable materials, which our Frosch Recyclate Initiative promotes.

In recognition of the minimization of product-related environmental impact, the Hallein-produced Frosch Citrus Shower & Bath Cleaner was the first product from the cleaning industry in Europe to win the ambitious Cradle-to-Cradle-Certified™ Gold designation in June 2013.

Acetic acid from a regional bio refinery used in Frosch vinegar cleaner and Frosch limescale-dissolving essence helps to reduce the carbon footprint.





12. Environmental Program

To ensure the continuous improvement of environmental performance, the Hallein site set measurable environmental and energy goals for the year 2021. Every company on the site has devised measures to reach those goals. The goals and implementation measures are listed below in excerpts from the Environmental Program.

Environmental Program 2021 for the Hallein Site

W&M Holding GmbH:

Goal	Implementation	Status
Environment: Commute 5400 km by bicycle to and from work: lower CO ₂ by 800 kg	"Job-Rad" Action Regarding the 2135 km covered in 2020: "We visit all our sites virtually, from Hallein to Warsaw, Mainz, Brussels, Paris, Barcelona, Milan and back to Hallein."	Goal achieved: Employees cycled 7,052 km to and from work. Avoidance of about 1,050 kg CO ₂
Energy: Reduce energy consumption (heating) by 2% compared to 2019	Make employees aware of issue, specify measures to be taken.	Goal achieved: Employees made aware by energy savings posted on monitors. Adjusted for heating days, realized a reduction of 6.6% compared to 2019.

Werner & Mertz Professional Vertriebs GmbH:

Goal	Implementation	Status
Environment: Increase the share of Green Care Products to 20% of the entire portfolio	Transformation of the entire portfolio	Goal not achieved: Growth of Green Care products in the entire portfolio was 18% in 2021. The increase is considerable, in spite of the pandemic with higher sales of disinfectants and reduced sales in the tourism sector.





Energy: Decrease fuel consumption in sales staff autos by 1% compared to previous year	Conduct ECO driver training for sales staff	Goal achieved: Although the training could not be offered during the pandemic, the goal was still achieved. avg. 2020: 5.93 l/100km avg. 2021: 5.85 l/100 km Reduction of 1.35 %
Energy: Reduce energy consumption (heating) by 2% compared to 2019.	Make employees aware of issue, specify measures to be taken	Goal achieved: Employees made aware by energy savings posted on monitors. Adjusted for heating days, realized a reduction of 6.6% compared to 2019

Erdal GmbH:

Goal	Implementation	Status
Environment: Promote refill pouches with volume increase of 5%. The use of refill pouches instead of original bottles conserves plastic and reduces CO ₂ emissions.	Develop new refill pouch concept, promote/advertise existing refill pouches	Goal not achieved: The reason was lowered sales volume.
Environment: Increase the share of ecological and sustainable Frosch products by means of 5% volume increase	Develop new products, Promote sales of Frosch product range	Goal achieved: Increase of 7% 2020: 20,305,428 pieces 2021: 21,769,677 pieces
Goal	Implementation	Status
Energy: Reduce energy consumption (heating) by 2% compared to 2019.	Make employees aware of issue, specify measures to be taken	Goal achieved: Employees made aware by energy savings posted on monitors. Adjusted for heating days, realized a reduction of 6.6% compared to 2019





Werner & Mertz GmbH & Co KG:

Goal	Implementation	Status
Environment: Replace the bag filtering system with a filter press	Reduce amount of sludge from the bag filtering system by two-thirds	Goal not achieved: The replacement of the system was postponed to allow for factory restructuring
Environment: Reduction of empty runs in truck transports	Truck deliveries via the A1 from Vienna loaded with goods for the warehouse in Enns on the return trip	Goal not achieved: Unfortunately, not logistically possible because most of the trucks have a load for the return trip.
Energy: Ether sulfate dilution	The raw material can be delivered in concentrated form and then diluted to the usage concentration in the ether sulfate dilution system. Reduce truck deliveries of ether sulfate by 60%	Project in planning stage
Energy: Reduce the amount of purchased energy	Concept development with feasibility study for installation of a photo voltaic system	Two concepts received, feasibility study completed

Environmental Program 2022 for Hallein Site

W&M Holding GmbH:

Goal	Implementation	Status
Environment: Commute 5400 km by bicycle to and from work: lower CO ₂ emissions by 800 kg	"Job-Rad" Action Regarding the 2135 km covered in 2020: "We visit all our sites virtually, from Hallein to Warsaw, Mainz, Brussels, Paris, Barcelona, Milan and back to Hallein."	In process
Energy: Reduce energy consumption (heating) by 2% compared to 2021	Raise employees' awareness, provide information about 2021 goal achievement on Infomonitor	In process





Werner & Mertz Professional Vertriebs GmbH:

Goal	Implementation	Status
Environment: Increase the share of Green Care Products to 20% of the entire portfolio	Promote sales of Green Care product portfolio	In process
Energy: Decrease fuel consumption in sales staff autos by 1% compared to previous year	Continuation of "Save for Drive" action with calculation of fuel savings compared to previous quarter and the manufacturer's data. Revision to car policy to autos with lower fuel consumption ratings	In process
Energy: Reduce energy consumption (heating) by 2% compared to 2021	Make employees aware of issue, specify measures to be taken.	In process

Erdal GmbH:

Goal	Implementation	Status
Environment: Promote refill pouches with volume increase of 5%. The use of refill pouches instead of original bottles conserves plastic and reduces CO ₂ emissions.	Develop new refill pouch concept, promote/advertise existing refill pouches	In process
Environment: Increase the share of ecological and sustainable Frosch products by means of 5% volume increase	Develop new products, Promote sales of Frosch product range	In process
Energy: Reduce energy consumption (heating) by 2% compared to 2021	Make employees aware of issue, specify measures to be taken.	In process





Werner & Mertz GmbH & Co KG:

Goal	Implementation	Status
Environment: Reduction of resins, lyes and acids in water treatment	Replacement of existing ion exchanger with an osmosis water treatment system	In process
Energy: Switch to a logistics services company based in the region	Reduction of truck kilometers to logistics company (130 km)	In process





13. Release to the Public

We provide this Environmental Statement to inform our employees, customers and the general public of environmental protection activities in our company. We confirm the veracity of the information presented and hereby release the Environmental Statement for publication. Management is responsible for the release of the environmental statement.

For additional information, please contact our Environmental and Energy Management Officer Pamela Fandel or Stefan Sturm of the IMS Team Hallein.

Pamela Fandel

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1. Validation Confirmation

The undersigned, Dr. Norbert Hiller, EMAS Environmental Auditor with Registration Number DE-V-0021, accredited or approved for Region 20 (NACE-Code Rev. 2), confirms that he has checked whether the site / the entire organization of Werner & Mertz GmbH, Erdal GmbH, Werner & Mertz Professional Vertriebs GmbH and W&M Holding GmbH at Neualmerstr. 11-13 in 5400 Hallein as given in the consolidated Environmental Statement (with registration number A000494) fulfills all requirements of Regulation (EG) Nr. 1221/2009 of the European Parliament and the Council of 25 November 2009 and its amendments Commission Regulation 2017-1505 from 28 August 2017 and Commission Regulation 2018/2026 from 19 December 2018 regarding organizations' voluntary participation in the Community Eco Management and Audit Scheme (EMAS).

INTECHNICA
FUTURE SECURE BUSINESS GROWTH

Erklärung des Umweltgutachters zu den Begutachtungs- und Validierungstätigkeiten nach Anhang VII der Verordnung (EG) Nr. 1221/2009 sowie nach Änderungs-VO 2017/1505

Der Unterzeichnende, Dr. Norbert Hiller, EMAS-Umweltgutachter mit der Registrierungsnummer DE-V-0021, akkreditiert oder zugelassen für den Bereich 20 (NACE-Code Rev. 2), bestätigt, begutachtet zu haben, ob die gesamte Organisation

**Werner & Mertz GmbH & Co. KG, Erdal GmbH,
Werner & Mertz Professional Vertriebs GmbH sowie W&M Holding GmbH**
am Standort
Neualmerstr. 11-13, 5400 Hallein, Österreich
(mit der Reg.-Nr. D-152-00013)

wie in der Umwelterklärung angegeben, alle Anforderungen der Verordnung (EG) Nr. 1221/2009 des Europäischen Parlaments und des Rates vom 25.11.2009 und Änderungs-VO 2017/1505 vom 28.08.2017 über die freiwillige Teilnahme von Organisationen an einem Gemeinschaftssystem für Umweltmanagement und Umweltbetriebsprüfung (EMAS) erfüllt.

Mit der Unterzeichnung dieser Erklärung wird bestätigt, dass

- die Begutachtung und Validierung in voller Übereinstimmung mit den Anforderungen der Verordnung (EG) Nr. 1221/2009 und Änderungs-VO 2017/1505 durchgeführt wurden,
- das Ergebnis der Begutachtung und Validierung bestätigt, dass keine Belege für die Nichteinhaltung der geltenden Umweltvorschriften vorliegen,
- die Daten und Angaben der aktualisierten Umwelterklärung der Organisation / des Standortes ein verlässliches, glaubhaftes und wahrheitsgetreues Bild sämtlicher Tätigkeiten der Organisation/ des Standortes innerhalb des in der Umwelterklärung angegebenen Bereichs geben.

Diese Erklärung kann nicht mit einer EMAS-Registrierung gleichgesetzt werden. Die EMAS-Registrierung kann nur durch eine zuständige Stelle gemäß der Verordnung (EG) Nr. 1221/2009 erfolgen. Diese Erklärung darf nicht als eigenständige Grundlage für die Unterrichtung der Öffentlichkeit verwendet werden.

Nürnberg, 07. Juni 2022

Dr. Norbert Hiller
Umweltgutachter

100% Recyclingpapier

Bundesministerium
Klimaschutz, Umwelt,
Energie, Mobilität,
Innovation und Technologie

AT-000494

Registrierungsurkunde

**Werner & Mertz GmbH & Co KG, Erdal GmbH,
Werner & Mertz Professional Vertriebs GmbH,
W&M Holding GmbH**

5400 Hallein

Das Unternehmen nimmt am Umweltmanagementsystem EMAS teil (Verordnung EG 1221/2009) und ist daher zur Verwendung des EMAS-Zeichens berechtigt. Das Unternehmen veröffentlicht regelmäßig eine Umwelterklärung und lässt ihr Umweltmanagementsystem von einem zugelassenen, unabhängigen Umweltgutachter überprüfen.

Gültig bis Mai 2023

Bundesministerin Leonore Gewessler, BA
Wien, im Februar 2021

