

Environmental Statement 2020

This is a non-validated translation of the official
German document.



PÖPPELMANN

Environmental Statement 2020

(with data for 2019)

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pursuant to Regulation (EC) No 1221/2009
for the locations

Plant 1

Pöppelmann GmbH & Co KG
Kunststoffwerk-Werkzeugbau
Bakumer Strasse 73, 49393 Lohne

Plant 2

Pöppelmann Kunststoff-Technik GmbH & Co. KG
Hermann-Staudinger-Straße 1, 49393 Lohne

Plant 3

Pöppelmann GmbH & Co KG
Kunststoffwerk-Werkzeugbau
Pöppelmannstraße 5, 49393 Lohne

Plant CP

Pöppelmann GmbH & Co KG
Kunststoffwerk-Werkzeugbau
Feldkamp 3 and Industriestrasse 25, 49451 Holdorf

Subsidiaries, sales companies

The subsidiaries in the USA and France, as well as the sales companies in Spain, Scandinavia, the Czech Republic and England are not covered by this environmental statement.

Foreword

Plastic is the material that has enabled mankind to make ground-breaking progress for over 100 years: in medicine and the home, in communication and mobility. A world without plastics is no longer imaginable - and not even desirable. Without plastics, today's demands on living standards and conditions, hygiene and modern technology cannot be met. Quite simply: Our plant pots help ensure that the world stays green. Our food packaging keeps cheese, spreads and salads fresh and of consistent product quality right to the table. Our laboratory vessels ensure perfect blood sample analysis. Our technical automotive parts drive lightweight solutions that reduce CO₂ consumption. Our protective elements protect highly complex, sensitive components from damage. We are proud of our competence and experience with plastic. We do not have to hide with what we do today to find intelligent product concepts for the world of tomorrow. At the same time, we see great potential for improvement in the future, especially in the recycling industry. Sustainable production can only succeed if material cycles are closed – this conviction drives us.



The management (from left): Henk Gövert, Norbert Nobbe and Matthias Lesch.

With our company-wide PÖPPELMANN blue® initiative, we set out in this direction at a very early stage and have already achieved initial success. But many more stages lie ahead of us. They cannot be mastered alone, but only in cooperation with all those involved in politics, science, economy and society. Also against this background we are very pleased about the current controversial discussion about our material plastic. It demonstrates the great interest in our work and can provide important impulses for the development of sustainable product solutions. When we talk about sustainability, we mean ecological balance, economic security and social justice. We are determined to make our contribution to the realisation of this holistic concept for the future.

With this environmental statement we want to report openly about our activities in environmental protection. It is aimed at customers, suppliers, employees, neighbours and the public.



Henk Gövert
Managing Director



Norbert Nobbe
Managing Director



Matthias Lesch
Managing Director

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Imprint

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Lohne, 14.05.2020

Date of the next environmental statement

The environmental statements are updated annually and validated by an independent environmental verifier. The next updated environmental statement will be published by 20.06.2021. In accordance with Regulation (EC) 1221/2009, annual monitoring by environmental verifiers takes place.

Our locations and activities

The company

Since its foundation in 1949, Pöppelmann has grown steadily: from 50 m² when it was founded, to 9,145 m² in 1974 - up to its current size with customers from over 90 countries. Meanwhile we produce at five locations worldwide. Our qualified Pöppelmann men and women are our guarantee for success. With 2,500 employees worldwide, Pöppelmann is today one of the leading companies in the plastics processing industry in Europe. Over 60 years of continuous growth and innovative plastics technology point the way to future development. The secret of our success: The wishes and requirements of our customers are our top priority ... they are the centre of attention. To meet our requirements and those of our customers, our management system is certified in many ways. The locations of this environmental statement have the following certifications.

- Quality Management
DIN EN ISO 9001:2015;
IATF 16949:2016,
DIN EN ISO 13485:2016,
- Environmental Management
DIN EN ISO 14001:2015
EMAS III; Regulation
(EC) No 1221/2009
- Health and safety at work
DIN ISO 45001:2018
- Energy Management
DIN EN ISO 50001:2018

Our locations

Plant 1



The production facilities of the TEKU and KAPSTO divisions and the holding administration are located at the main plant on Bakumer Strasse. In addition to two office buildings, 17 production and storage halls are located on the factory premises. The factory site, which is designated as an industrial estate, and in some areas as a restricted industrial area, is bordered by a residential area to the south and southwest, and by agricultural land to the north and northwest. The Bakumer Straße, from which access is also provided, borders the site to the east.

Factory premises:	240.688 m ²
Employees:	1,047 (as of 12/2019)
Office building:	2
Production and storage halls:	17

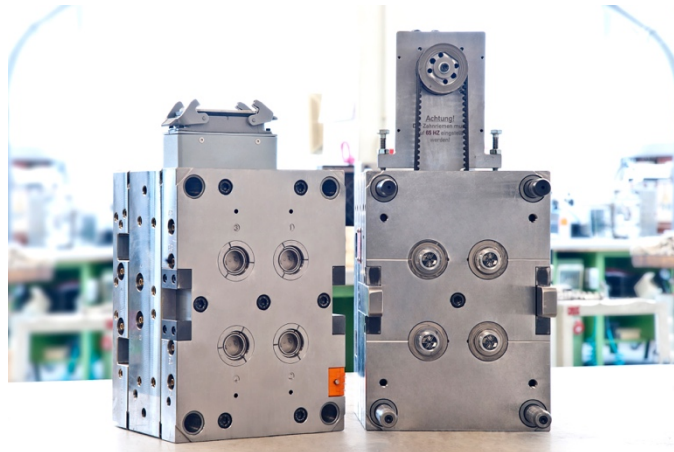
The Tool Technology Centre (WTZ) and the KAPSTO and TEKU divisions are located at the site.



Pöppelmann KAPSTO has been developing and producing plastic protective elements with a total of approx. 5,000 designs since 1957. Of these, approx. 3,000 are standard articles and approx. 2,000 are custom-made.



Pöppelmann TEKU has been developing and producing planting and cultivation systems for commercial horticulture since 1970. Approx. 750 standard articles in approx. 2,400 designs are supplied.



At the **Tool Technology Center**, high-quality tools for the injection moulding and thermoforming process are developed, designed and manufactured. It also carries out maintenance and repair of the tools. The Tool Technology Centre, formerly known as the Tool Shop, has been in existence since 1957 and, in addition to the well-known CNC-controlled processing machines, has an automated production cell that can manufacture tool components without supervision seven days a week.

The following activities apply to the site:

- The production processes of injection moulding, thermoforming and extrusion
- The surface technology processes of offset printing and in-mould-labelling
- The design and manufacture of tools and devices
- The production of prototypes using 3D printing process
- The storage and stockpiling of raw materials and finished parts
- The dispatch of finished parts
- The assembly of precast elements

Significant changes at the location

- None

Plant 2



The K-TECH division is located at the plant on Hermann-Staudinger-Straße (formerly Daimlerstraße 9). The plant is located in a designated industrial area on Dinklager Strasse. At the production site, we manufacture plastic injection-moulded articles, mainly for the automotive industry, in production halls and warehouses. The Hopener Mühlenbach divides the site. In 2015 the factory access road was moved to Hermann-Staudinger-Straße. For the construction of the new access road it was necessary to hand over a small area of the factory premises to the city of Lohne. The south-western area borders on areas used for agriculture.

Factory premises:	183,028 m ²
Employees:	871 (as of 12/2019)
Production and storage halls:	9

Only the K-TECH division is located at the site.



Pöppelmann K-TECH has been developing and producing technical injection moulded parts with the highest quality standards for the automotive and electrical industries as well as for mechanical and equipment engineering since 1962. At the moment there are approx. 2,600 articles active.

The following activities apply to the site:

- The production processes of injection moulding, PUR foaming and MuCell process
- The processes of surface technology, such as embossing and plasma treatment
- The storage and stockpiling of raw materials and finished parts
- The dispatch of finished parts
- The assembly and packaging of finished parts in manual, automatic and semi-automatic processes
- The joining technology with vibration welding, hot gas welding and adhesive bonding

Significant changes at the location

- Commissioning of the production hall 41
- New construction and commissioning of the warehouse and dispatch hall 46
- Move of the training centre in hall 26
- Extension of the assembly in hall 23
- Recalculation and correction of the area of the premises

Plant 3



Plant 3 is the FAMAC Division, located in the "Hansalinie Industrial Park" on the A1 motorway. The northern boundary is the Hopener Mühlenbach, bordering on agricultural land. Industrial areas border to the south and east. Here we produce functional and packaging articles for the food, pharmaceutical, medical technology and cosmetics industries. There are two production halls and a storage and dispatch hall at the site.

Factory premises:	84,949 m ²
Employees:	435 (as of 12/2019)
Production and storage halls:	3

Only the FAMAC Division is located at the site.



Pöppelmann FAMAC has been developing and producing technical functional parts and packaging for the food, pharmaceutical and cosmetics industries as well as for medical technology in approx. 1,700 designs since 1998.

The following activities apply to the site:

- The production processes of injection moulding and thermoforming
- Clean room production
- The storage and stockpiling of raw materials and finished parts
- The dispatch of finished parts
- The assembly and packaging of finished parts in manual, automatic and semi-automatic processes.

Significant changes at the location

- Recalculation and correction of the area of the factory premises

Plant CP

The CP plant is located in the "Industriestraße" industrial estate of the Holdorf municipality. On two extrusion lines, it produces plastic regranulates from production waste from the film industry, which is classified as non-hazardous according to the Waste Catalogue Ordinance. The plants are approved according to BImSchV. A storage hall was built for the storage of input and output materials. The company site is located at Feldkamp 3, whereby the warehouse has the address Industriestrasse 25. Part of the hall is occupied by MSG and is not part of the Pöppelmann management system.

Factory premises	45,188 m ²
Employees:	10 (as of 12/2019)
Production and storage halls:	3

The following activities apply to the site:

- The material preparation and granulation of plastics by extrusion
- The storage of plastic granulates and plastic waste

Significant changes at the location

- Commissioning of a second extrusion line
- Recycling of PCR materials from 2020 (Post Consumer Recyclate)

Our management system

Corporate policy

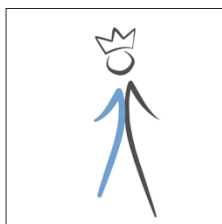
Our management system and our corporate policy are based on four principles. As the basis and framework for our actions, they give us a common understanding of the internal and external orientation of Pöppelmann. They ensure that we meet our responsibility for employees and the environment. The principles are:

- We create added value for our customers
- We actively shape our future with creativity and innovation
- We are successful through our employees
- We achieve lasting outstanding results



Wir machen das. **Besser.**

As the basis and framework for our actions, they give us a common understanding of the internal and external orientation of Pöppelmann and ensure that we live up to our responsibility as one of the leading companies in our industry.



**We create added value
for our customers.**

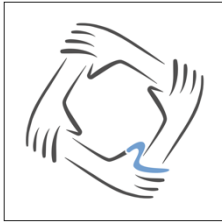
We uncompromisingly orientate our thinking and actions towards our customers. We understand their challenges and needs as our own, in all areas and processes.

We know and understand our customers. We understand their business, technical and regulatory requirements and challenges. And we know what role our products and services play in this context.

We do it better for our customers. Through better advice, a better technical solution, a more innovative design, better quality, a shorter delivery time, greater flexibility, greater reliability, easier cooperation, a better relationship or much more. It is important that we create these added values in those aspects that are really relevant to our customers. Then they will be prepared to pay a reasonable price for such genuine added value.

Our products and services are characterised by the highest quality.

We are not looking for short-term business, but for long-term partnerships that are profitable for all sides. Therefore, we are not satisfied with merely meeting the minimum requirements of our customers. We want to exceed customer requirements and expectations and be the favourite partner of our customers, whom they are happy to recommend.



We are successful through our employees.

Motivated and qualified employees are the basic prerequisite for our corporate success. Everyone has an important function in our company, and only together can we be successful.

We believe in personal responsibility. We enable and expect all employees to think and act independently and on their own responsibility. We agree on goals and then leave freedom and space to act. We rely on self-control, without micromanagement from above.

We lead and steer with few, clear principles, goals and limits, not with detailed regulations.

We understand leadership as supporting and enabling, not as ruling.

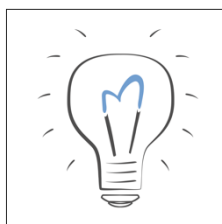
Occupational safety always has the highest priority. We ensure working conditions that exclude health risks and guarantee the greatest possible safety for all workplaces, because the health of our employees is paramount.

We maintain an open dialogue with our employees to achieve a common understanding of occupational safety and health issues. Employee consultation and participation are very important to us.

Appreciation is a duty. We respect and regard the individual and the work of each employee.

We are committed to the continuous development of our employees.

To ensure our high-quality level and the safe handling of all operational processes, we train our employees in all areas. In keeping with our growth-oriented approach, we are convinced that everyone can develop further.



We actively shape our future with creativity and innovation.

We see change as an opportunity.

Innovative products, services and processes are an absolute prerequisite for our long-term success.

We live a culture of continuous improvement in all our thoughts and actions.

The status quo is only ever the second-best solution.

We strive for continuous improvement of our products and processes, with the goal of zero-defect quality.

Continuous small improvements have an enormous effect.

Our thinking is user-oriented.

Improvements are therefore not an end in themselves, but create added value for the customer.

We focus on the right opportunities and challenges.

We identify risks and seize opportunities to secure our future in the long term with creative and innovative solutions.

We ask ourselves the question whether we know the cause of a problem or whether only symptoms are being combated.

We always concentrate our energy on a few important problems or potentials, to which we can thus devote our undivided attention and for which we always provide the necessary resources.

We rely on many ideas and suggestions.

We also give chance as much as possible.

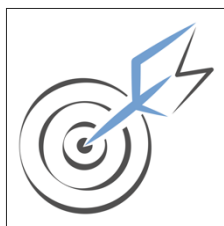
We do not evaluate the ideas of others but build on them.

And we always and as quickly as possible give feedback to the idea contributors.

Change takes many steps.

The proof of the pudding is in the eating. We give the freedom to try out, test and improve new ideas early and in many small loops.

Failure is an essential part of innovation. Therefore, it is not our goal to avoid failure, but to promote success.



**We achieve lasting
outstanding results.**

We measure our actions by the result.

We set ourselves ambitious but realistic goals to achieve this. We measure and control whether we achieve them and implement the necessary measures by means of clear and transparent key figures. We use key figures to measure the achievement of objectives and improvements, not for personal assessment.

We think long-term. We do not limit ourselves to looking at the current situation, but always keep an eye on future developments and the necessities that arise from them already.

We think and act sustainably. By this we understand: We are positioned in such a way that we will continue to be successful in the market for our customers with our business model, products and processes. We meet customer requirements through the outstanding quality of our products and services and thus achieve sustained customer enthusiasm.

Today and in the future, we will live up to our responsibility for our employees.

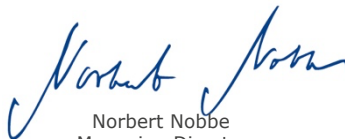
We make a binding commitment to environmental protection, climate protection and occupational safety and can still be responsible for our actions today and their effects tomorrow. We want to avoid environmental pollution to ensure a future worth living for future generations. This includes the responsible use of limited resources, especially the raw material plastic, and the effective use of energy. Already in the product design phase, we consider the environmental impact during the entire product life cycle.

We meet our social and legal responsibilities and will continue to meet them voluntarily in the future. We have defined our stakeholder groups and inform our employees, business partners, neighbours, the public and authorities about our activities and the status of environmental protection at regular intervals. We see these stakeholders as partners with whom we want to work together in a fair, proper and lasting manner. The essential demands and expectations resulting from this context, which are binding for us in addition to legal obligations, are systematically implemented in our company. The safety and legality of our actions, our products and our processes are always a prerequisite and not negotiable.

Rev. 02, 01.09.2019



Henk Gövert
Managing Director

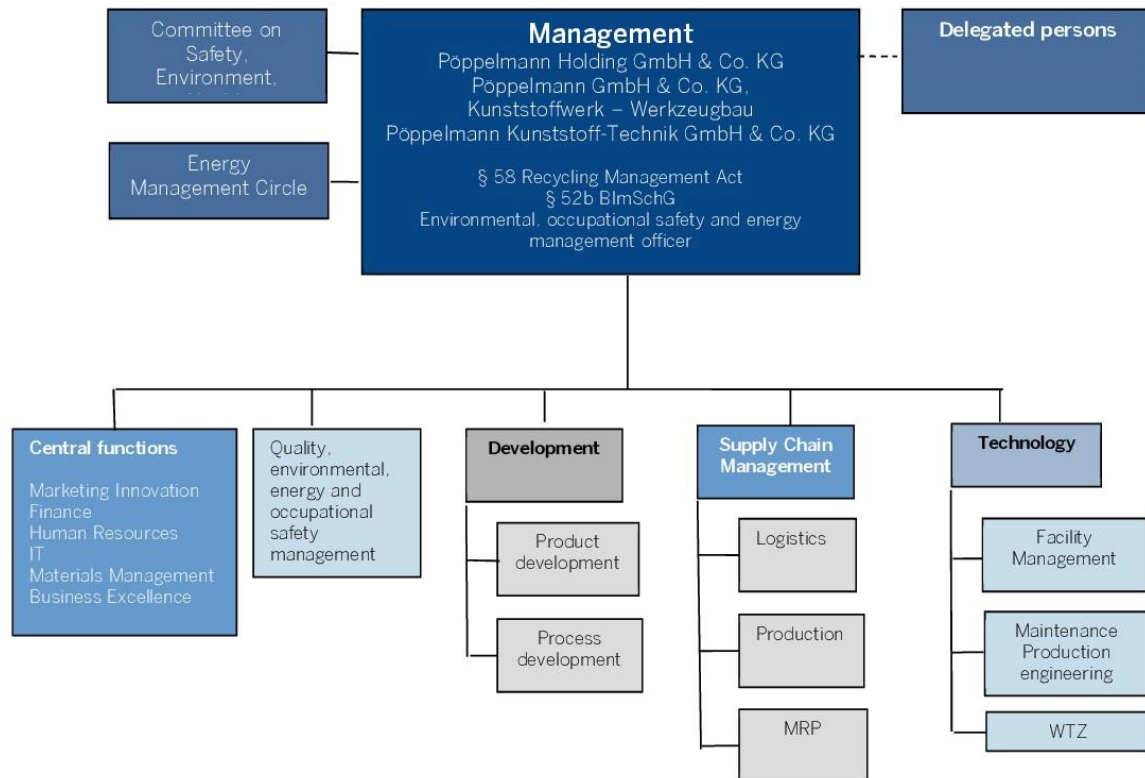


Norbert Nobbe
Managing Director



Matthias Lesch
Managing Director

Organisational structure



Responsibility

The management bears the fundamental responsibility for environmental protection. It delegates tasks and defines responsibilities.

Management Representative

The technical director controls the environmental management system. He is responsible for the maintenance and effectiveness of the management system and ensures that corporate policy and environmental objectives are implemented.

Environmental Handbook

The environmental handbook describes the management system with bindingly regulated processes and responsibilities. The manual is supplemented by procedural instructions, operating instructions and work instructions. The entire documentation is accessible to all employees via the intranet.

Audits, environmental audit

The effectiveness of the management system and compliance with legal requirements are checked in internal and external audits and in the environmental audit. The audits serve to monitor environmental performance, implement processes and implement programmes for continuous improvement.

Management review

The management evaluates the effectiveness of the management system and, if necessary, identifies the need for improvement and corrective action.

Continuous improvement

The continuous improvement of the environmental performance and the management system is achieved by regular analysis and evaluation of processes, key figures, programs and audits and by adapting to new findings.

Representative

The legally required and voluntarily appointed company representatives support the management and executives in implementing the requirements of the organisation and the management system. They monitor the legal and internal guidelines in their area and work to ensure that environmentally friendly technologies are implemented, and negative environmental effects are avoided as far as possible. They report annually to the management and indicate of possible improvements.

Staff, training, communication

Our employees are encouraged to actively participate in the further development of our management system. In accordance with their tasks, they are educated for environmentally friendly behaviour through instruction and training. All employees can access the documentation of the management system via the intranet. A shop floor management system has been set up for internal communication at all levels.

Committee for Environment, Safety and Health

The committee is made up of the Management Board, Division Manager SCM, Safety Specialist, Environmental Protection Officer, Company Doctor, Works Council, Fire Protection Officer, Waste Management Officer, the Head of Facility Management, the Head of the Tool Technology Center and changing representatives of the Safety Officers. The committee discusses prevention, risk reduction, corrective measures and improvements.

Energy Management Round Table

Due to its importance, an energy management round table was set up as part of our energy management. The round table is composed of representatives of the management,

purchasing, the compliance and risk management department, facility management and the energy officer.

Our environmental impact

A standardised method is used to assess the environmental impact at the individual sites. The method considers various influencing factors and evaluation criteria, which are incorporated into a key figure whose size describes the materiality of the environmental aspect. Among other things, the following aspects are considered: legal requirements, interested parties, scope and materiality and severity of the impact. The following evaluations result for the individual locations:

Environmental aspects table

Aspect	Plant 1	Plant 2	Plant 3	Plant CP
Energy	A	A	A	A
Material, raw materials	A	A	A	B
Waste	B	B	B	B
Water, sewage	B	B	B	B
Emissions, noise	B	C	C	B
Biodiversity	C	C	C	C

A-great significance, B-medium significance, C-low significance

Our environmental goals

Key figure-related environmental and occupational safety targets

		Plant 1		Plant 2		Plant 3		Plant CP	
	Unit ²	Current 2019	Objective 2022	Current 2019	Objective 2022	Current 2019	Objective 2022	Current 2019	Objective 2022
Recycling rate ¹	[%]	72,1	75	17,1	20 ³	17,6	20	100	/
Material efficiency	[%]	98,65	> 98	84,37	87	86,80	88	96,58	98
PCR portion (PPblue)	[%]	6,8	12	See environmental programme		0,1	10	Not relevant	
CO ₂ -quota	[t CO ₂ /t plastic]	0,49	0,45	1,01	0,95	0,72	0,70	0,15	0,15
CO ₂ equivalent rate	[tCO ₂ eq/t plastic]	0,84	0,80	2,24	2,10	1,03	0,95	0,24	0,24
Water use rate	[m ³ /t]	1,1	1,0	2,0	1,8	1,7	1,5	0,7	0,5
Packaging quota	[%]	3,3	3,2	8,4	7,0	7,3	7,0	0,1	0,1
Waste quotients	[%]	3,7	< 5	22,1	20	15,0	< 15	7,3	7,0
Waste quotients hazardous waste	[%]	3,5	2	0,4	0,5	1,0	0,8	1,0	1,0
Energy use rate	[MWh/t]	1,34	1,31	2,85	2,82	1,91	1,88	0,409	0,399
Accident rate (accidents /1000 men)		18,8	0	13,9	0	13,9	0	Included in Plant 1	

¹ Percentage of secondary plastic in plastic input

² The reference value for the relative indicators was set as the plastics input.

³ Objective until 2020

The measurable environmental goals to be achieved are determined based on selected key figures. A target/actual comparison between the company's own environmental goals and the performance data achieved is used to assess performance. From this we derive the need for action for improvements and transfer the necessary measures to our environmental program.

Environmental Programme 2017 to 2020, achievement of objectives

Most of the measures from the environmental programme up to 2020 have been completed or converted into ongoing actions.

The construction of an additional sprinkler basin in plant 1 was initially cancelled. The fire safety officer will check annually whether the general conditions change, and an additional basin becomes mandatory.

No economic solution could be found for the internal reuse of PET punching waste in the FAMAC thermoforming production. However, possible solutions are still being observed in the background.

Efforts to ensure that work equipment is tested on time are continued in the occupational health and safety programme.

Environmental Programme 2017

Aspect / Goal	Measure	Work	Date	Close d	Status
Energy					
Improvement of energy monitoring	Refine the system to be able to directly display current consumption at different levels and in different areas. Ongoing target in EnMS	1,2,3, CP	12/2019	EB, IT	done
Reduction of energy consumption for lighting	Determination of the energy consumption of lighting in existing buildings. Conversion of the lighting to LED technology, if economically justifiable. Ongoing target in EnMS	1,2,3, CP	12/2019	EB	done
Reduction of thermal radiation losses	Check the existing thermal insulation on injection moulding machines and replace or supplement it if necessary. Ongoing target in EnMS	1	12/2018	EB	done
Improvement of the energy performance of the organisation, reduction of the energy use rate by 0.1 points in 5 years	Updating of the ABC analysis, identification of weak points, expansion of monitoring, installation of further measuring technology, implementation of individual measures in the separate energy programme Ongoing target in EnMS	1.2.3	12/2020	EL	done

Waste

Reduction of the waste fraction "degassing residues". Limit annual quantity to 10000 kg.	<p>Analysis of the ingredients, determination and implementation of a process for the concentration of the aqueous degassing residues</p> <p>Waste quantity in 2019: 4200 kg After analysis by OOWV, the discharge of treated wastewater was not approved.</p>	Plant CP	12/2018	AB, CP	done
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Organisation, Management

Improving the environmental awareness of employees	<p>Supplementation of training documents and presentations as a basis for the instruction of employees</p> <p>Continuous updating of the presentations and the training materials. Introduction "Topic of the Month" for employee information, e.g. in the shop floor.</p>	All works	12/2018	UB	done
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Improvement of organisation and risk management	<p>Introduction of a risk management system, project ramp-up, risk identification, compliance audit</p> <p>Risk management introduced and adopted. Manual prepared.</p>	1.2.3.CP	12/2018	KL	done
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Fire protection, emergency preparedness

Improvement of fire protection	<p>Creation of standardised training documents for the instruction of the sprinkler maintenance staff</p> <p>Training documents have been prepared and can be used.</p>	All works	12/2017	BT	done
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Improvement of fire protection	<p>Expansion of the capacity of the sprinkler basin by 300 m³</p> <p>The measure was initially cancelled by GF. It is reviewed annually to determine whether mandatory implementation is necessary for fire protection.</p>	1	12/2018	BT	cancelled
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Industrial safety, health

Improvement of the safety awareness of the employees	Creation of training documents and presentations as a basis for the instruction of employees	All works	12/2018	UB	done
	Continuous updating of the presentations and training materials. Introduction "Topic of the Month" for employee information, e.g. on the shop floor.				

Improvement of the adherence to delivery dates for the testing of work equipment	Development and introduction of key figures on the audits carried out	All works	12/2017	FM	open
	The measure has not yet been implemented. Continuation in the next environmental and occupational safety programme. Target: 2021				

Reduce physical strain on employees in the mixing plant	Installation of cranes and hoists to facilitate the filling of the mixing plants with big bags.	1	12/2017	MI	done
	Ceiling cranes and lifting equipment were installed.				

Conservation of resources

Increase material efficiency and reduce production waste	To test and introduce a process to enable the reuse of punching waste in thermoforming.	3	12/2018	P5	cancelled
	Task was canceled. No economic solutions were found.				

Increase in material efficiency	Recycling of sprues and missing parts using side mills on the production machines. Definition and pursuit of target values	1,2,3	2020	PL	done
	The procedure is established as an ongoing measure in all productions. At Plant 2, records are kept of the quantities saved.				

Increase in material efficiency Target: 2000 t material throughput in TSG process, 80 t use of recycled material	Material savings through increased use of technical recyclates and expansion of the TSG process	2	2019	PU	done
	Considerable savings potentials have been identified. The measure will be continued with target values set annually.				

Avoidance of packaging material Planned savings: 2500 big bags	Conversion of the material transport from Big-Bag - packaging to camouflage transport by silo vehicles. Measure was implemented. Target was achieved.	CP	2018	CP	done
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emissions

Reduction of noise emissions to the neighbourhood	Installation of soundproof walls on the cooling towers of halls 10 and 12. A final noise quality assessment confirms the reduction of noise emissions at the critical emission points.	Plant 1	06/2018	BT	done
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Environmental programme 2020 to 2022

The following table provides an overview of the objectives and measures for the next three years. The environmental programme is intended to contribute to the continuous improvement of environmental performance.

Aspect / Goal	Measure	Work	Date	Closed.	Status
Energy					
Improvement of the energy performance of the organisation or sites. Permanent minimization of the energy use quota. Reduction of the energy use quota by 0.03 points in plants 1 – 3 and by 0.01 points in plant CP	Updating of the Abc analysis, identification of weak points, extension of the monitoring, installation of further measurement technology, implementation of individual measures from the separate energy programme	1,2,3, CP	12/2022	EB	
Individual targets for achieving the overall strategic objective:					
Capacity increase through lower cooling water temperatures (KAPSTO)	Test whether a reduction of the cooling water temperature is possible. Cycle time variants on 3 injection moulding machines, measurement of power consumption/specific power, comparison of energy consumption of the pump house	1	12/2020	PRO	

Optimization of the cooling water flow on tools (KAPSTO, FAMAC)	Testing the reduction of the flow rate by reducing the pressure	1,3	12/2020	PRO	
Efficiency increase in extrusion (TEKU)	Evaluation of the screw optimization in terms of energy consumption (temperature reduction)	1	12/2020	PRO	
Reduction of compressed air leakage (TEKU)	Test run leakage camera – leakage location	1	12/2020	PRO	
Reduction of standby consumption	Improvement regarding switching off unused machines, tool evaluation (machine condition)	2,3	07/2020	PRO/EB	
Reduction of the energy consumption of the ventilation systems	Testing of a reduced operating mode for weekend production; testing of a supply air temperature that increases gradually with outside temperature	2	07/2020	PRO/EB	
Waste					
Reduction of cooling lubricant consumption and KSS disposal by 25%	The consumption is to be reduced by organisational measures (filtering, cleaning, process adjustment). Test the use of a coolant with improved service life.	1	12/2020	STC	
Increase in material efficiency to 87%	Intensify the use of mills on the machines, conveyor belts for the removal of reject parts, grinding of articles with inserts, revise work instructions regarding reduced material use	2	12/2022	SCM	84,4%
Organization, Management					
Quarterly determination of the environmental indicators	Check whether a quarterly determination is possible. This was started with energy and raw material key figures. After a test phase, assess whether quarterly calculation and reporting is appropriate.	1,2,3, CP	12/2020	UB	
Conservation of resources					
Design "Pöppelmann blue" articles that close the material cycle and are made of recycled material.	Launch one article in each division (KAPSTO, TEKU, K-Tech, FAMAC)	1,2,3	12/2022	INN	75%
Increase the proportion of PCR (post-consumer recyclate) material from closed material cycles	Processing of PCR materials from closed cycles (dual system, self-return of used products), testing and	1,2,3	12/2025	PP	

(PPblue) to 20% of total plastics consumption	optimizing technology (machines, etc.) for PCR processing, acquiring markets, informing customers, increasing purchase quantities for PCR,			
The following individual objectives serve to achieve the overall objective "PPblue":	Measures under the specific objectives see above.			
In the TEKU division, 33.3% of the raw materials processed are expected to be post-consumer recycled in 2020.		1	12/2020	TEKU
More than 38% of the TEKU turnover of the Lohne site is achieved with recyclable articles (stages I-III).		1	12/2020	TEKU
Increase in the proportion of recycled materials in the KAPSTO Division to 4%.		1	12/2020	KAP-STO
Material cycles are closed with at least two other KAPSTO customers.		1	12/2020	KAP-STO
The recycling rate in the K-TECH division to be increased to >20%.		2	12/2020	K-Tech
A PCR component to be used as a series application in a vehicle.		2	12/2020	K-Tech
Expansion of the PCR business in the FAMAC Division from 20 t to 100 t.		3	12/2020	FAMAC
Emissions				
CO ₂ savings through CO ₂ -neutral raw materials	Market evaluation regarding CO ₂ -neutral raw materials, discussions with suppliers, calculation	1,2,3	12/2022	SE

Our environmental performance and core indicators

The EMAS Regulation requires the publication of core indicators. The standardised indicators for environmental performance relate to the direct environmental aspects of energy, materials, water, waste, land use and emissions. The indicators are presented in relation to a reference value (material throughput). To assess whether environmental performance has improved, a comparison is made over several years.

Material

Due to the scarcity of resources, the sensitive handling of raw materials is becoming increasingly important. It becomes more and more important to avoid waste and to use the available raw materials effectively. Therefore we have set up programs to improve raw material efficiency and reduce environmental impact. This includes the increased use of recycled plastics, the utilization of PCR materials (Pöppelmann Blue), material savings in the M μ Cell process and recycling of production waste directly into the process. Our goals and measures are formulated in the environmental program.

As a plastics processing company, we see it as our duty to make our products and processes as environmentally conscious as possible. Our material plastic is a recyclable material, yet less than half of the plastic waste in Germany is recycled. We want to increase this quota - to this end we work closely with our partners in the complete value-added cycle. With our PÖPPELMANN blue® initiative, we are striving for closed material cycles. A product should become a recyclate and the recyclate should become a product of the same quality again.

The use of recycled materials has been an important part of our sustainability strategy for more than 20 years. In some divisions, the recycling rate is already over 80 percent. And with our PÖPPELMANN blue® initiative, we are even going one step further: Here, we are bundling all activities of the company that are intended to promote a completely closed raw materials cycle.

In addition, various article series have been awarded and certified with the Blue Angel and the RAL quality mark for plastics recycling.

Plastics

In 2019, more plastic was consumed in all plants, 56.9% of which was recycled. Post-consumer recyclates (PCR) account for 7.3% of secondary plastics. In the TEKU Division, the proportion of recycled materials used was 72%. Of this, 9.4% was already PCR.

In the K-Tech and FAMAC Divisions, the proportion of recycled material was increased to over 17%.

Material efficiency (plastic parts output/plastic input [%]) declined slightly overall, except at CP. In Plant 2, material efficiency fell by 2.4 percentage points below 85 %. Plant 1 and Plant CP are very good at 98.65 % and 96.58% respectively. In plant 3 it is 86.8%.

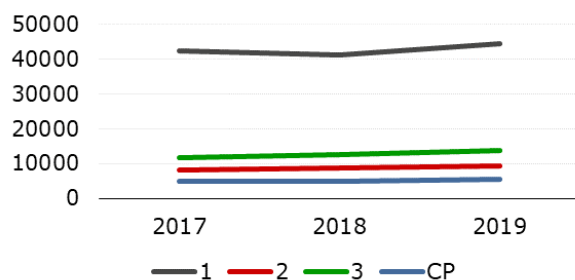


Diagram: Plastic input [t]

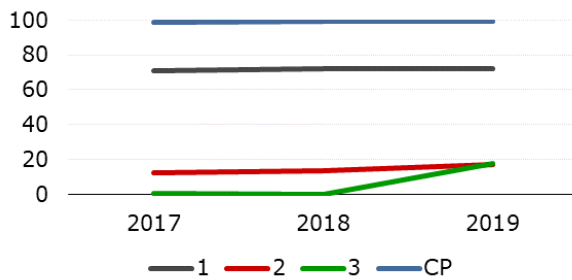


Diagram: Recycling percent/plastic input [%]

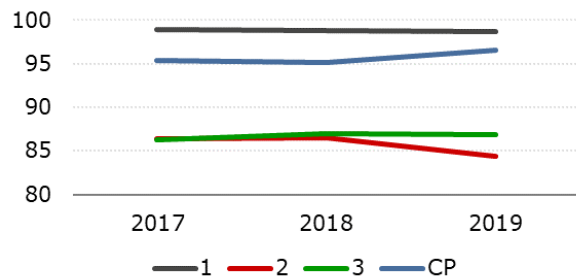


Diagram: Plastic parts output/plastic input (material efficiency)

Packaging

The quantity of all plastic packaging has decreased by more than 10% overall, but the quantity of cardboard packaging has increased by almost 6%. Especially in Plant 1 and Plant 3 more cardboard packaging was used. However, since raw material consumption also increased, the packaging quota could still be kept stable.

The packaging rate in plant 2 fell back below 10% to 8.4%. This is a saving of 16.5%. The absolute quantities have also decreased. In Hall 41, many large finished parts are packed in KLT or reusable containers.

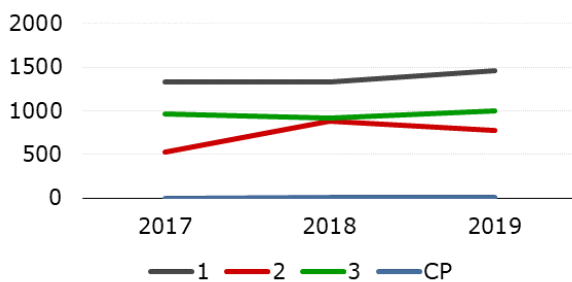


Diagram: Packaging [t]

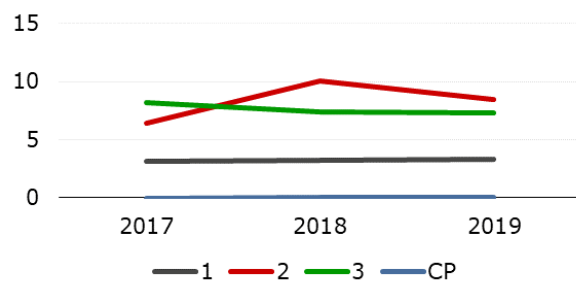


Diagram: Packaging/ Plastic Input [%] (packing quota)

Energy

Energy requirements at the sites are mainly covered by the purchase of electricity, gas and fuels, with electricity consumption accounting for by far the largest share. Energy use is the most important environmental aspect in the company. In accordance with its significance and influenceability, energy management has been implemented and certified in the environmental management system according to DIN EN ISO 50001:2018. Energy management intensively pursues the effective use of energy and has set up a comprehensive energy program to achieve the strategic goal of reducing the energy usage quota.

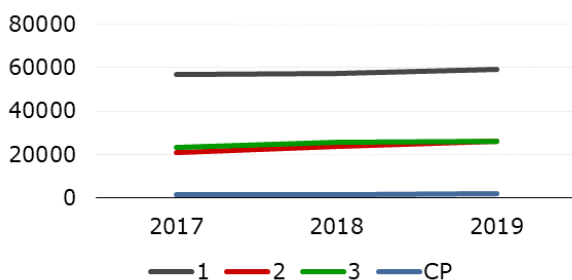


Diagram: Energy consumption [MWh]

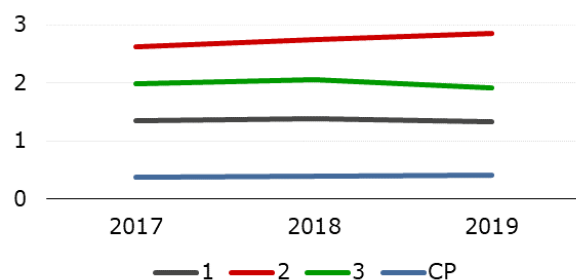


Diagram: Energy consumption/ plastic input (energy input quota) [MWh/t]

Overall, more energy was consumed in 2019. Only in plant 3 was total energy consumption in 2019 lower than in 2018, and the energy consumption ratio was reduced in plants 1 and 3.

The share of renewable energies is based on the figures provided by our energy supplier EWE with data from 2018, as of 10.02.2020.

Renewable energies, promoted according to EEG: 41.5%

Other renewable energies: 4.5%

Plant 1

The energy consumption ratio in Plant 1 fell from 1.39 to 1.34 kWh/kg compared with the previous year. Gas consumption rose by 1.1% and fuel consumption by 0.9%.

The improvement in the key figures is due to a significant increase in material throughput in the TEKU thermoforming sector. With a 7.8% increase in material throughput, electricity consumption rose by only 4.1%.

A new variable speed compressor and control optimization have reduced the specific power consumption for compressed air generation (-1.6%).

The electricity consumption for compressed air generation will be 4,930 MWh in 2019.

Plant 2

The energy consumption ratio in Plant 2 rose from 2.75 to 2.85 kWh/kg compared to the previous year. Both fuel and gas consumption increased (fuels: +11.7%, gas: +20.1%).

The increase in the key figures is primarily due to the following aspects:

With the exception of Hall 41, the material throughput has decreased in all production halls.

Many machines have moved from Hall 22 in particular to Hall 41.

New injection moulding machines have been purchased in Hall 41 and Hall 22. Many of the machines in Hall 41 are also equipped with sophisticated automation, which increases specific energy consumption. Commissioning and sampling leads to unproductive energy consumption. The complex building services (ventilation/air conditioning) in Hall 41 has a significant impact on energy consumption. The electricity consumption of the ventilation system is 3.13% of the electricity consumption of plant 2 (690 MWh).

The gas consumption of Plant 2 has risen significantly due to the additional heating areas of Hall 41 (all year round) and Hall 46 (pro rata).

As a result of the opening of Halls 41 and 46, the general conditions have changed.

Plant 3

The energy consumption ratio in Plant 3 fell from 2.05 to 1.91 kWh/kg compared with the previous year. Both fuel and gas consumption decreased (fuels: -6.8%, gas: -29.1%).

The improvement in the key figures is primarily due to increased production capacity utilisation and the optimisation of the heating system.

The increased material throughput in the product area of packaging with a good specific energy input had a particularly positive effect. In addition, the primary use of gas was significantly reduced through various optimisations of the heating systems.

Plant CP

The energy consumption ratio at the CP plant rose from 0.381 to 0.409 kWh/kg compared with the previous year. Gas consumption fell slightly by 2.3% and fuel consumption rose by 22.1%.

The increase in the key figures can be explained by the fact that the new extrusion line was still in test operation at the beginning of the year and overall production volume was 25% lower.

Water

The water consumption is covered by the purchase of city water. Due to the limited possibilities to reduce water consumption, this environmental aspect is of medium importance. Nevertheless, we are pursuing goals to limit water consumption.

The direct discharge of cooling water is subject to official approval. No exceedances were found in the past year, either during self-monitoring or during monitoring by an independent laboratory. We carry out weekly cooling water analyses over and above the statutory requirements. The discharge quantities specified in the notice of approval were not exceeded. The 42nd BImSchV also requires monitoring of legionella in the recooling plants (evaporation cooling plants). Here, too, no exceedance of the measure value was detected.

A large part (> 80%) of the water used is required for cooling purposes. Due to the operation of the evaporative cooling systems, the absolute water consumption depends not only on the material throughput but also on the weather conditions. Due to the good production capacity utilization and the somewhat more favourable weather conditions, the water consumption rate has decreased everywhere except at the CP plant.

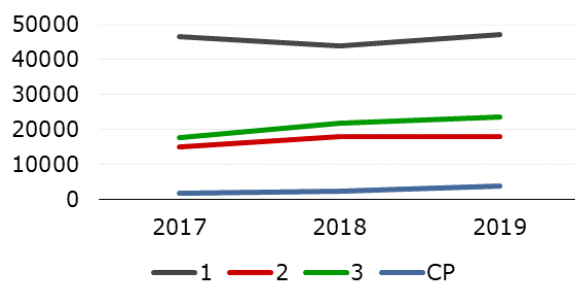


Diagram: Water consumption [m³]

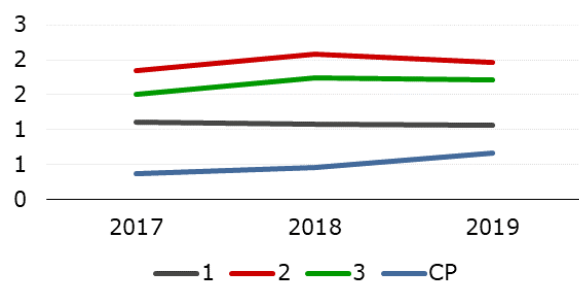


Diagram: Water consumption/ plastic input (water usage rate) [m³/t]

Waste

Waste disposal is regulated in an internal company concept and is coordinated by our waste management officer. All disposal processes are documented in the waste balance sheet. The waste guide provides all employees with the necessary information to collect the waste safely and separately and to comply with the necessary disposal and recycling procedures.

In 2019 the collection of "yellow bag" waste was successfully introduced. With this we have expanded the separate collection. In 2019, 3.43 t of mixed packaging was already disposed of via the Gelber Sack.

The waste rate was reduced in all plants, only in plant 2 did it increase by 1.8 percentage points to 22.1%. One reason is the commissioning of production hall 41, where large-volume multi-component parts are manufactured. This results in larger tonnages of start-up parts and possibly rejects.

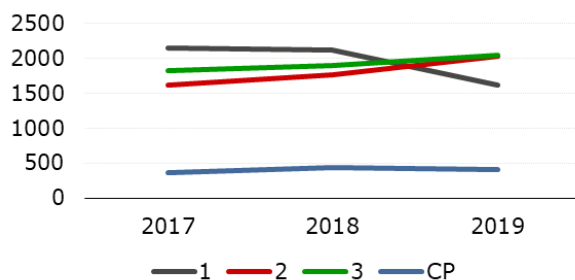


Diagram: Total waste quantity [t]

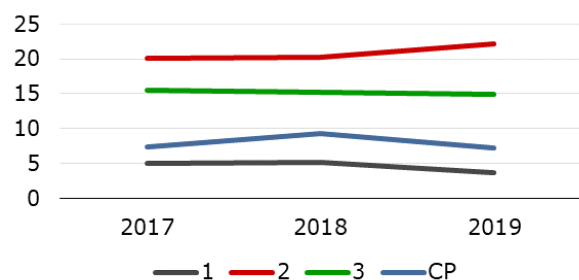


Diagram: Total waste/ plastic input (waste rate) [%]

Due to the ever-decreasing quantities in the disposal of hydraulic oils, it is planned to change the disposal from the individual verification procedure to a collective disposal. Overall, the amount of hazardous waste to be disposed of has been reduced from 137 t to 91 t. The only increase was at the CP plant, which we attribute to the commissioning of the second extrusion line.

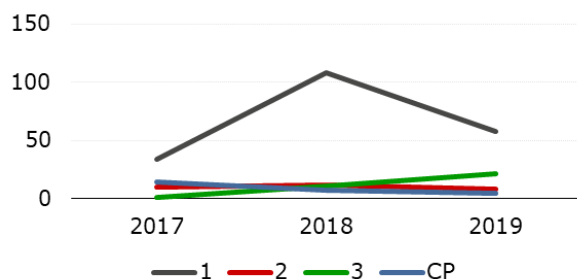


Diagram: Hazardous waste [t]

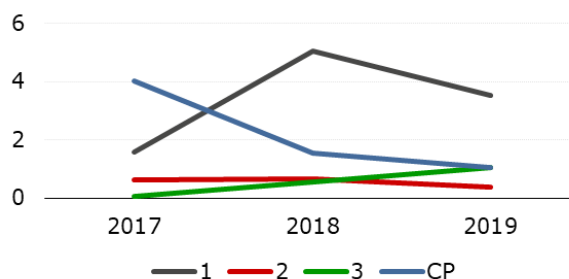


Diagram: Hazardous waste/ plastic input [%]

The rate of separate collection in accordance with the Industrial Waste Ordinance was improved at all locations except Plant 2. However, we have not yet reached the target of 90% at the CP plant. Optimizations are already planned for plant CP. Plant 2 still has a rate of 94.2%, which corresponds to a deterioration of approx. 1%-point.

Table Separate collection rate

Separate collection rate [%].	2018	2019
Plant 1	91,4	94,3
Plant 2	95,0	94,2
Plant 3	94,5	97,4
Plant CP	75,1	78,8

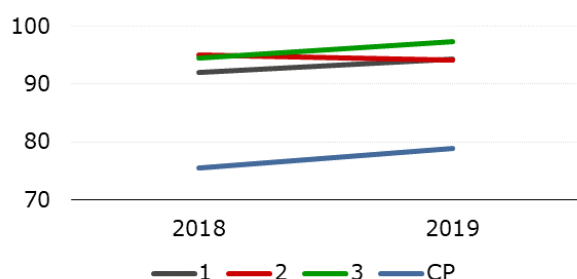


Diagram: Separately collected waste/ total waste volume [%].

Land consumption, biodiversity

The impact on biological diversity is represented by land consumption divided into total area, sealed area, near-natural area at the site and near-natural area off the site. There were changes at the sites compared to previous years because near-natural areas were included.

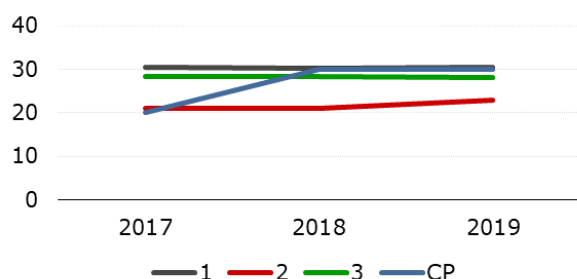


Diagram: Built-up area/ total area [%].

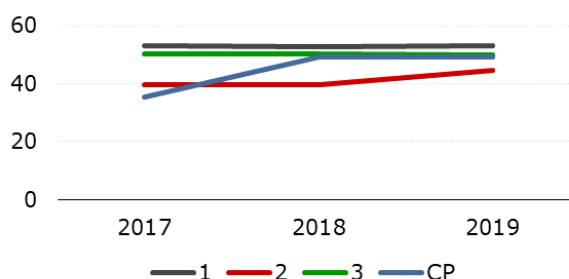


Diagram: Sealed area/ total area [%].

Emissions

Carbon dioxide emissions, total emissions

There are no significant direct emissions of air pollutants at the sites. Indirect emissions are caused by the use of electricity. From the consumption of natural gas, fuels and electricity, we calculate CO₂ emissions and total emissions of greenhouse gases, expressed as the CO₂ equivalent.

The CO₂-equivalent rate in plant 1 has fallen by a good 4%, in plant 3 by almost 10%. In Plant 2 and CP, this figure rose by almost 7% and almost 11 % respectively. Due to the new halls 41 and 46 and the new machines with a high degree of automation to be sampled and the second extruder in plant CP, the structures in these two plants have changed.

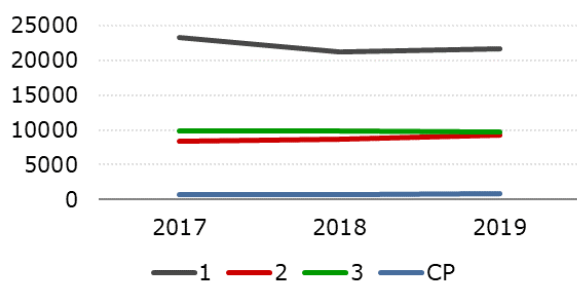


Diagram: CO₂ emissions [t]

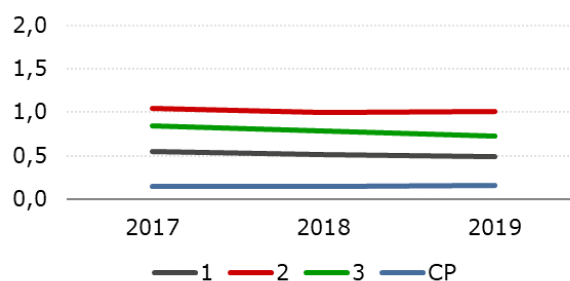


Diagram: CO₂ emissions / plastic input [t/t]

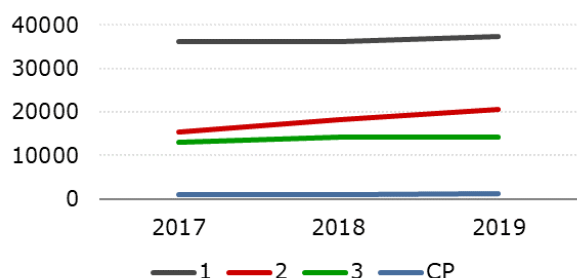


Diagram: CO₂ equivalent [t]

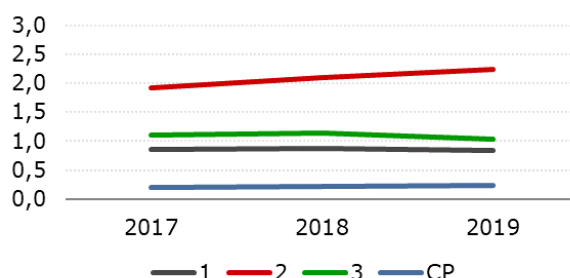


Diagram: CO₂ equivalent/ plastic input [t/t]

(CO₂ emissions were calculated using the following CO₂ factors: Electricity supplier EWE, status: 2018, petrol, diesel, natural gas, Bafa leaflet on CO₂ factors, status: Jan 2019; CO₂ equivalents were calculated using the Ifu calculation table, status: Oct 2018)

Noise

In 2019 there were no noise complaints from the neighbourhood.

Audits, environmental audit

We check the effectiveness of the management system in audits and inspections. During planning, we make sure that all relevant areas are considered. 12 internal audits were carried out between February and April 2019. Monthly plant inspections are carried out by the team according to a schedule.

This team includes safety specialists, environmental officer, company doctor, fire safety officer, waste management officer, works council, as well as the respective department head and the safety officer of the area to be visited.

In addition, inspections are carried out at least four times a year by the heads of department in cooperation with the safety officers. In some areas this is already carried out monthly or even weekly. Possibilities for improvement resulting from internal inspections have been incorporated into the environmental programme or action plans.

Legal conformity

For the organisation, essential official requirements result from the operation of the compounding plant in our Holdorf plant (4th BImSchV), the direct discharge of cooling water into water bodies, the operation of the evaporation cooling plants (42nd BImSchV), the Ordinance on Hazardous Substances and the Industrial Safety and Health Ordinance.

An additional extrusion line was put into operation at the compounding plant in Holdorf. The required extension of the approval according to the BImSchV was applied for at the authorities and approved by decision of 23.04.2018. The required conditions were implemented.

In accordance with our guidelines and corporate policy, compliance with legal requirements and official regulations is a matter of course. Internally, the legal requirements are monitored by internal audits and on-site inspections of the plants. The results of the inspections are documented in the annual reports of the persons in charge.

There were no indications of non-compliance with the applicable environmental regulations in the year under review. There were no reportable deviations in the inspections and requirements ordered by the authorities.

Core indicators

Plant 1						
Core indicator	2017		2018		2019	
Material efficiency	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]
Plastic input (reference value)	42420,7		41141,1		44344,4	
Recycling rate	30005,0	70,7	29595,6	71,9	31956,0	72,1
Plastic parts Output	41978,4	98,96	40649,9	98,81	43745,6	98,65
Energy	Annual quantity [MWh]	Ratio to plastic input [MWh/ Input t]	Annual quantity [MWh]	Ratio to plastic input [MWh/ Input t]	Annual quantity [MWh]	Ratio to plastic input [MWh/ Input t]
Energy efficiency	56829,6	1,34	57121,6	1,39	59276,2	1,34
Waste	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]
Total amount of waste	2148,1	5,1	2124,1	5,2	1621,2	3,7
Hazardous waste	33,5	1,6	107,6	5,1	57,4	3,5
Water	Annual quantity [m3]	Ratio to plastic input [m3/input t]	Annual quantity [m3]	Ratio to plastic input [m3/input t]	Annual quantity [m3]	Ratio to plastic input [m3/input t]
Water consumption	46737	1,1	44079	1,1	47174	1,1
Packaging	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]
Packaging	1329,9	3,1	1331,6	3,2	1456,5	3,3
emissions	Annual quantity [t]	Ratio to plastic input [t/Input t]	Annual quantity [t]	Ratio to plastic input [t/Input t]	Annual quantity [t]	Ratio to plastic input [t/Input t]
co2 equivalent	36128,6	0,85	36100,5	0,88	37247,6	0,84
Biological diversity	Area [m ²]	ratio to total area [%]	Area [m ²]	ratio to total area [%]	Area [m ²]	ratio to total area [%]

Total area (reference value)	239903		240688		240688	
Built-up area	72811	30,4	72811	30,3	73300	30,5
Sealed area	127298	53,1	127298	52,9	127684	53,0
Near-natural area			7240	3,0	7240	3,0

Plant 2						
Core indicator	2017		2018		2019	
Material efficiency	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]
Plastic input (reference value)	8064,9		8684,4		9208,5	
Recycling rate	1013,0	12,6	1190,2	13,7	1572,0	17,1
Plastic parts Output	6966,9	86,39	7509,1	86,47	7769,3	84,37
Energy	Annual quantity [MWh]	Ratio to plastic input [MWh/ Input t]	Annual quantity [MWh]	Ratio to plastic input [MWh/ Input t]	Annual quantity [MWh]	Ratio to plastic input [MWh/ Input t]
Energy efficiency	21129,0	2,62	23871,5	2,75	26216,4	2,85
Waste	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]
Total amount of waste	1622,0	20,1	1760,3	20,3	2033,69	22,1
Hazardous waste	9,8	0,6	11,8	0,7	7,9	0,4
Water	Annual quantity [m³]	Ratio to plastic input [m³/input t]	Annual quantity [m³]	Ratio to plastic input [m³/input t]	Annual quantity [m³]	Ratio to plastic input [m³/input t]
Water consumption	14866,1	1,8	18070,5	2,1	18030,0	2,0
Packaging	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]
Packaging	520,9	6,5	876,5	10,1	776,4	8,4
emissions	Annual quantity [t]	Ratio to material input [t/Input t]	Annual quantity [t]	Ratio to material input [t/Input t]	Annual quantity [t]	Ratio to material input [t/Input t]
co2 equivalent	15413,1	1,91	18182,3	2,09	20608,7	2,24
Biological diversity	Area [m²]	ratio to total area [%]	Area [m²]	ratio to total area [%]	Area [m²]	ratio to total area [%]
Total area (reference value)	182216		182216		183028	
Built-up area	38471	21,1	38471	21,1	41826	22,9

Sealed area	72235	39,6	72235	39,6	81731	44,7
Near-natural area			16963	9,3	16963	9,3

Plant 3						
Core indicator	2017		2018		2019	
Material efficiency	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]
Plastic input (reference value)	11741,9		12473,5		13683,6	
Recycling rate	43,0	0,4	0,8	0,0	2409,8	17,6
Plastic parts Output	10135,2	86,32	10846,1	86,95	11877,8	86,80
Energy	Annual quantity [MWh]	Ratio to plastic input [MWh/ Input t]	Annual quantity [MWh]	Ratio to plastic input [MWh/ Input t]	Annual quantity [MWh]	Ratio to plastic input [MWh/ Input t]
Energy efficiency	23346,3	1,99	25559,2	2,05	26107,0	1,91
Waste	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]
Total amount of waste	1824,6	15,5	1891,4	15,2	2051,2	15,0
Hazardous waste	0,9	0,0	10,4	0,5	21,1	1,0
Water	Annual quantity [m³]	Ratio to plastic input [m³/input t]	Annual quantity [m³]	Ratio to plastic input [m³/input t]	Annual quantity [m³]	Ratio to plastic input [m³/input t]
Water consumption	17749,0	1,5	21703,0	1,7	23520,0	1,7
Packaging	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]
Packaging	959,6	8,2	917,5	7,4	997,1	7,3
emissions	Annual quantity [t]	Ratio to material input [t/Input t]	Annual quantity [t]	Ratio to material input [t/Input t]	Annual quantity [t]	Ratio to material input [t/Input t]
CO ₂ equivalent	12975,5	1,11	14282,1	1,14	14120,5	1,03
Biological diversity	Area [m²]	ratio to total area [%]	Area [m²]	ratio to total area [%]	Area [m²]	ratio to total area [%]
Total area (reference value)	84202		84202		84949	

Built-up area	23811	28,3	23811	28,3	23869	28,1
Sealed area	42324	50,3	42324	50,3	42269	49,8
Near-natural area			11890	14,1	11890	14,0

Plant CP						
Core indicator	2017		2018		2019	
Material efficiency	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]
Plastic input (reference value)	4934,8		4735,4		5507,4	
Recycling rate	4856,0	98,4	4709,2	99,4	5472,0	99,4
Plastic parts Output	4706,6	95,38	4503,8	95,11	5318,9	96,58
Energy	Annual quantity [MWh]	Ratio to plastic input [MWh/ Input t]	Annual quantity [MWh]	Ratio to plastic input [MWh/ Input t]	Annual quantity [MWh]	Ratio to plastic input [MWh/ Input t]
Energy efficiency	1767,4	0,36	1804,5	0,38	2252,3	0,41
Waste	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]
Total amount of waste	362,0	7,5	441,4	9,4	400,4	7,3
Hazardous waste	14,5	4,0	6,8	1,5	4,2	1,0
Water	Annual quantity [m³]	Ratio to plastic input [m³/input t]	Annual quantity [m³]	Ratio to plastic input [m³/input t]	Annual quantity [m³]	Ratio to plastic input [m³/input t]
Water consumption	1788,0	0,4	2160,0	0,5	3660,0	0,7
Packaging	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]	Annual quantity [t]	Ratio to plastic input [%]
Packaging	0	0,0	1,8	0,0	4,4	0,1
emissions	Annual quantity [t]	Ratio to material input [t/Input t]	Annual quantity [t]	Ratio to material input [t/Input t]	Annual quantity [t]	Ratio to material input [t/Input t]
CO ₂ equivalent	1000,0	0,20	1013,1	0,21	1304,9	0,24
Biological diversity	Area [m²]	ratio to total area [%]	Area [m²]	ratio to total area [%]	Area [m²]	ratio to total area [%]
Total area (reference value)	45188,0		45188,0		45188,0	

Built-up area	9021,0	20,0	13500,0	29,9	13500,0	29,9
Sealed area	16056,0	35,5	22206,0	49,1	13500,0	49,1
Near-natural area			0	0	0	0

List of abbreviations

EMAS	Eco-Management and Audit Scheme
BImSchV	Federal Immission Control Ordinance
VO	Regulation
m ³	Cubic meters
t	Ton
MWh	Megawatt hour
n.e.	not registered
EB	Energy Officer
FM	facilities management
AB	Waste Management Officer
GF	Management
UB	Environmental Officer
BB	Fire Safety Officer
SCM	supply chain management
SE	Strategic purchasing
Pro	Production
PCR	Post- Consumer- Recyclates
CP	Compounding
STC	Tool Technology Center

Declaration of validity

Gültigkeitserklärung

gemäß Verordnung (EG) Nr. 1221/2009 und in der durch die
Verordnung (EU) 2017/1505 und (EU) 2018/2026 geänderten Fassung



Hiermit erklärt der unterzeichnende Umweltgutachter der Umweltgutachterorganisation ENVIZERT Umweltgutachter und öffentlich bestellte und vereidigte Sachverständige GmbH die

8. konsolidierte Umwelterklärung 2020

der Organisationen

Pöppelmann GmbH & Co. Kunststoffwerk-Werkzeugbau und
Pöppelmann Kunststoff-Technik GmbH & Co. KG

mit den Standorten

Bakumer Straße 73, Hermann-Staudinger-Str. 1, Pöppelmannstraße 5 in 49393 Lohne und
Feldkamp 3/Industriestraße 25 in 49451 Holdorf

für gültig.

Der unterzeichnende Umweltgutachter Dr. Markus Brylak mit der Registrierungsnummer DE-V-0261, zugelassen für den Bereich NACE 22.2, bestätigt begutachtet zu haben, ob die Standorte, wie in der Umwelterklärung der oben genannten Organisation mit der Registrierungsnummer DE-161-00006 angegeben, alle Anforderungen der Verordnung (EG) Nr. 1221/2009 des Europäischen Parlaments und des Rates vom 25. November 2009 in der durch die Verordnung (EU) 2017/1505 und (EU) 2018/2026 geänderten Fassung über die freiwillige Teilnahme von Organisationen an einem Gemeinschaftssystem für Umweltmanagement und Umweltbetriebsprüfung (EMAS) erfüllen.

Mit der Unterzeichnung dieser Erklärung wird bestätigt, dass

- die Begutachtung und Validierung in voller Übereinstimmung mit den Anforderungen der Verordnung (EG) Nr. 1221/2009 durchgeführt wurde,
- das Ergebnis der Begutachtung und Validierung bestätigt, dass keine Belege für die Nichteinhaltung der geltenden Umweltvorschriften vorliegen,
- die Daten und Angaben der konsolidierten Umwelterklärung der Standorte ein verlässliches, glaubhaftes und wahrheitsgetreues Bild sämtlicher Tätigkeiten der Standorte 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.

Coesfeld, 26.05.2020

Dr. Markus Brylak

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