



Gummiwerk KRAIBURG GmbH & Co. KG

2020

SUSTAINABILITY REPORT



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Sustainability Report Gummiwerk KRAIBURG GmbH & Co. KG 2020



Helmut Esefeld
CEO



Gesa Schmidt
Environmental Management and
Occupational Safety

Dear readers,

At Gummiwerk KRAIBURG, we develop, produce and sell system solutions for elastomer applications.

In doing so, we cooperate in partnership with our customers and suppliers. Furthermore, we carry out our business in an ecologically and socially sustainable manner for many years.

We prevent harm to health and accidents, conserve resources, avoid emissions and waste.

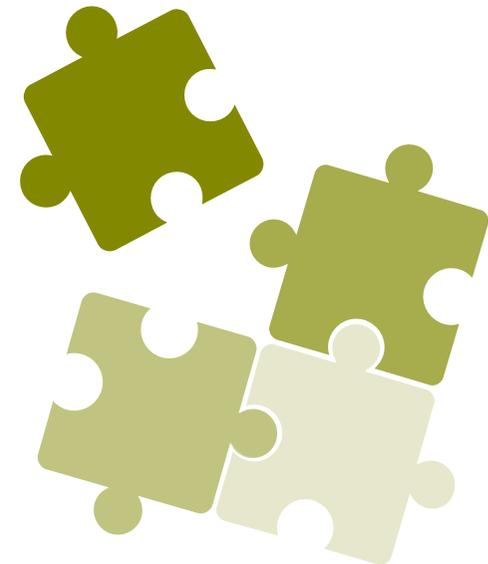
With the aid of our **integrated management system**, we systematically develop and optimize the topics of environmental protection, health protection and safety at work, as well as energy efficiency.

In this way, Gummiwerk KRAIBURG has been certified according to environmental standard ISO 14001 since 2002, and energy standard ISO 50001 since 2013.

Our compliance with these standards is assessed each year by accredited auditors, and recertified every three years.

We continually improve our achievements in terms of environmental protection, safety at work and energy efficiency.

We apply the law that is applicable to us, and also expect this from our suppliers and contractors with regard to their legal conformity.





Ecology

The sustainability of our compounds

Energy consumption

Water consumption

Gas consumption

Emissions/Indirect discharge

CO₂ emissions

Fire and explosion protection, crisis management

Hazardous substances

The shipping of dangerous goods and
hazardous substances

Environmental accidents

Reusable materials and waste

Recycling of elastomer compounds



The sustainability of our compounds

In 2020, we also produced special elastomers, the vulcanized materials of which were highly resistant to oils, extreme temperatures and weather conditions, and aggressive chemicals.

These properties guarantee a long lifecycle in the finished product, which reduces the consumption of materials in the long term.

Our compounds are used, among other fields, in environmental technology for example, in flue gas desulphurization and water desalination plants, photovoltaic panels, wastewater pumps and wind turbines.

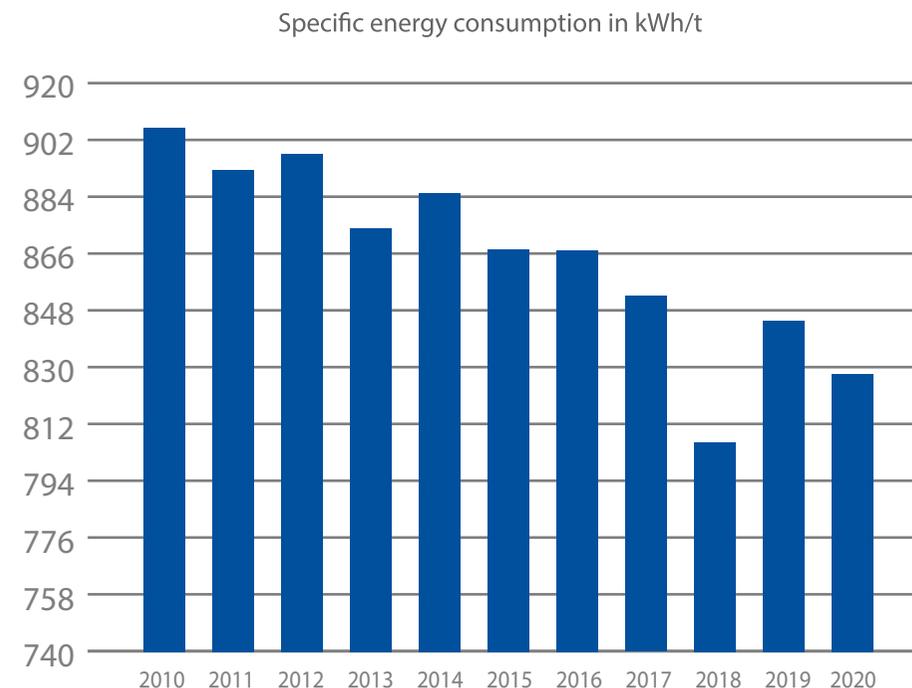
The proportion of the renewable raw material, natural rubber, is approx. 25 % of our overall elastomer consumption.



Energy consumption

For around 17 years, we have been carrying out energy optimizations throughout our whole operative infrastructure with growing success.

By operating the co-generation plant, our photovoltaic systems, using groundwater for cooling purposes and numerous other energy saving measures, we have been able to reduce the specific energy consumption per rubber compound sold by 9 % since 2010.



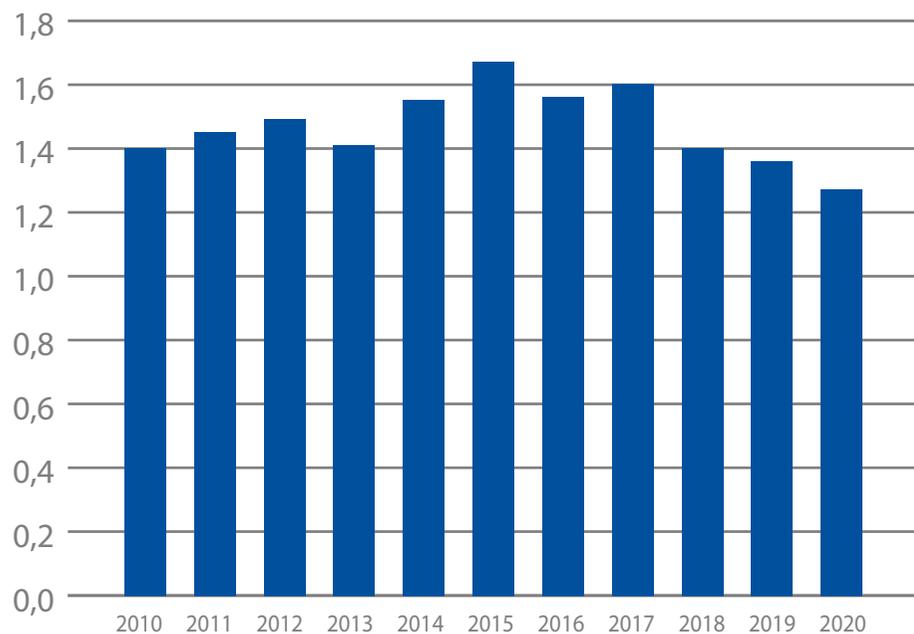


Water consumption

Our other strategic aim is to reduce our water consumption.

Since 2015, we have reduced the specific water consumption per rubber compound sold by 24 %.

Specific water consumption in m³/t

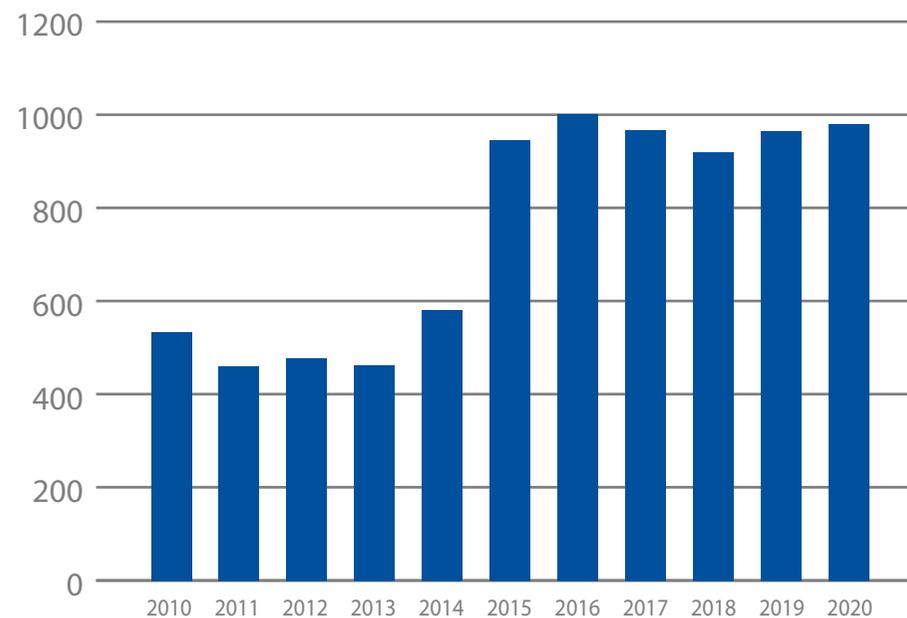


Gas consumption

We have been operating a co-generation plant since 2015. We use gas to generate our own power and heat.

Since 2016, we have reduced the specific gas consumption per rubber compound sold by 2 %.

Specific gas consumption in kWh/t





Emissions/Indirect discharge

The applicable limit values in accordance with the Technical Instructions on Air Quality are monitored at our emission points and the value is lower than the limit.

Our air-conditioning appliances are regularly checked for leakages by a specialist company.

We adhere to the applicable limit values of the local drainage statute for discharging our industrial wastewater into the municipal sewer.

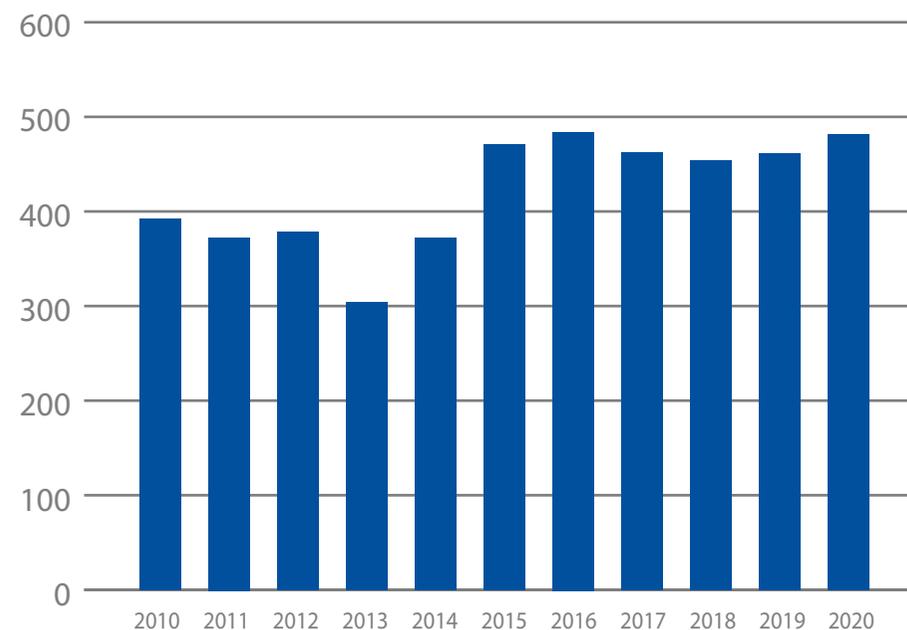


CO₂ emissions

47 % of the energy we purchase comes from renewable sources.

2020	
Overall output of CO ₂ equivalents	5.208 t
CO ₂ equivalents through gas combustion	2.171 t
CO ₂ equivalents through energy consumption	3.037 t
Sales volume	10.831 t
Corporate Carbon Footprint	481 kg CO ₂ e/t

Development of the Corporate Carbon Footprint in kg CO₂ e/t





Fire and explosion protection, Crisis management

Together, our fire safety and explosion safety officers ensure a high level of preventative fire and explosion protection together with all managers and operators.

To defend ourselves against fire, fire extinguishing training is carried out regularly with all Gummiwerk KRAIBURG* staff.

Eight fire safety volunteers are also ready to assist the fire safety officers in emergencies.

We have trained emergency managers and in-house paramedics during all shifts.

In 2015, a crisis management was introduced. Each year, crisis team meetings and drills are carried out and measures for improvement are derived from these.



Hazardous substances

Since 2013, our internal hazardous substance guidelines have enabled us to ensure that no harmful raw materials (e.g., carcinogenic, mutagenic or toxic substances) are introduced at Gummiwerk KRAIBURG.

We regularly check whether raw materials with a hazard potential can be substituted for another material.



The shipping of dangerous goods and hazardous substances

With our staff tasked in the area of dangerous goods, we secure the transportation of our dangerous goods and hazardous substances by selecting our transport companies, the correct packaging, labeling and accompanying documents, and by checking that the cargo is secure.

* For reasons of readability, the male form is used, however the female form is also always intended.



Environmental accidents

The managers and operators of plants analyze environmental risks in cooperation with the environmental officers, carry out measures promptly, and observe their effectiveness in the long term.

We ensure that no substances reach the soil or the company sewage system.

In general, collection tubs are used to identify leaks. We rectify substance leakages without delay.

In 2020, mineral oil was released twice, and filler material was released once, all in small quantities. We were able to capture the released substances quickly and dispose of them in the correct manner.

We were therefore able to prevent contamination of the soil or the sewer.



Reusable materials and waste

With regard to our reusable materials and waste, the hierarchy in accordance with the waste legislation runs as follows:

- Avoidance comes before
- Preparation for the reuse comes before
- Recycling comes before
- Other utilization or filling comes before
- Disposal

We use reusable packaging such as lattice box pallets and Euro pallets.

To a large extent, we recycle or prepare for the reuse of packaging material such as cardboard, films, wooden pallets.

Our separate collection rate is 92 %.



Recycling of elastomer compounds

Our customers use elastomer compounds which do not precisely meet the agreed specifications to make products such as mats or buffing dust.

With the range made up of unmixed substances, the KRAIBURG Group can recycle our customers' vulcanized rubber waste.



Economy

Cartel law
Protection against corruption and bribery



Cartel law

We consider competition and the free market economy as necessary elements of a free society. It is in KRAIBURG's interests to safeguard and protect these.

We comply with the European and international competition and cartel laws which apply to us, and also expect the same from our business partners.



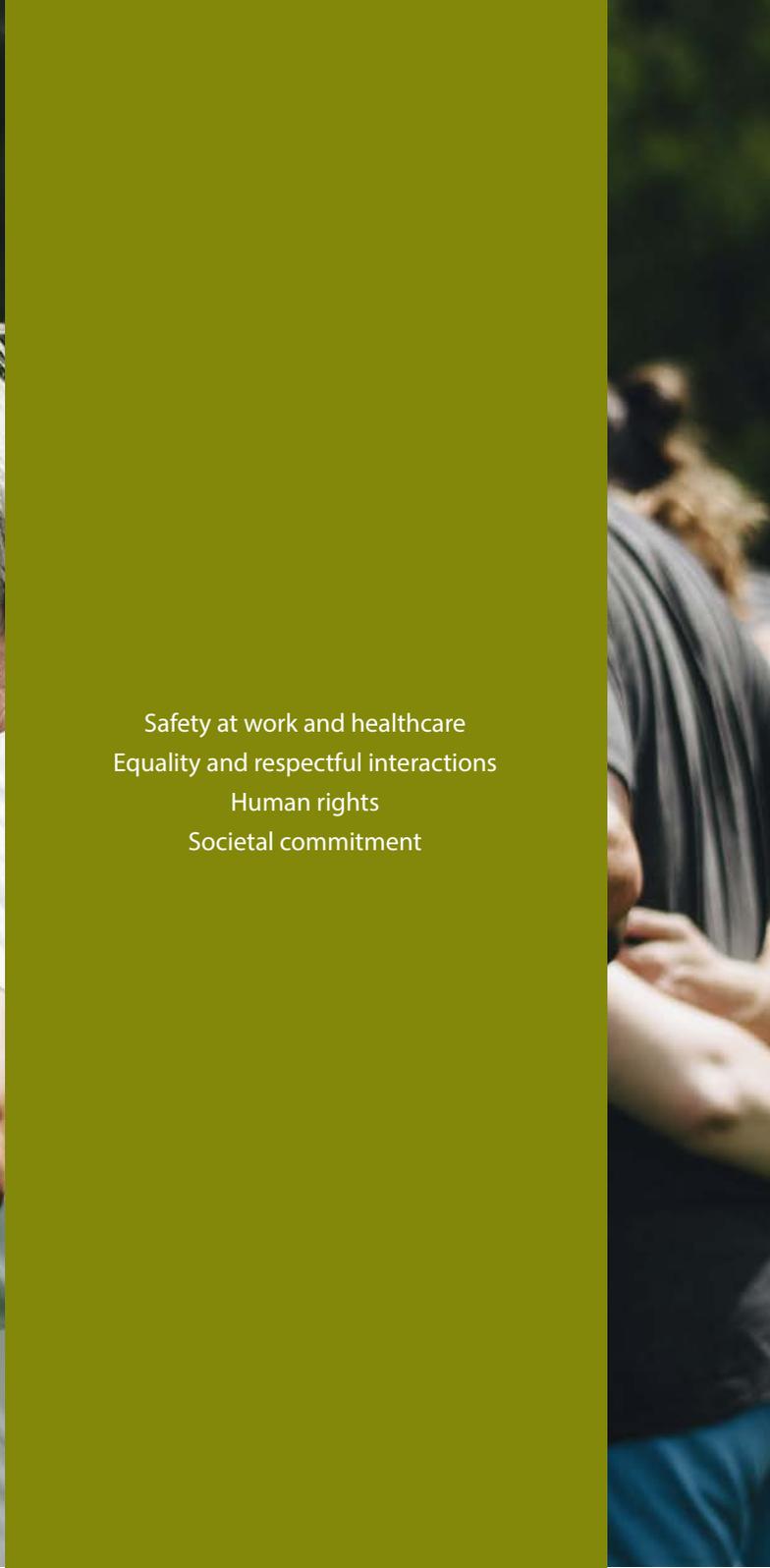
Protection against corruption and bribery

All Gummiwerk KRAIBURG employees are informed at regular intervals about their legal obligations to avoid corruption, bribery and corruptibility.

In this way, it is prohibited to offer, promise and grant an unfair advantage (bribery). This applies above all in relation to public officials and persons with a particular public role.

A photograph showing a group of people from behind, wearing light blue shirts, embracing each other in a supportive hug. The scene is outdoors with green foliage in the background. The word "Social" is overlaid in white text on the left side of the image.

Social

A solid vertical green bar that serves as a background for the text on the right side of the page.

Safety at work and healthcare
Equality and respectful interactions
Human rights
Societal commitment



Safety at work and healthcare

Our aim is to identify, prevent or minimize possible hazards and health threats as early as possible.

The managers and operators of plants analyze risks and accidents in cooperation with the safety officers, carry out measures promptly and observe their effectiveness in the long term.

In 2020, four reportable accidents at work occurred. This is two reportable accidents at work fewer than the number which occurred in the previous year. We continue to implement various measures to safeguard the strong safety culture in our organization, and to prevent accidents at work.

In our production area, we have individual noise areas where the sound pressure level exceeds 85 dB(A). These noise areas are reduced based on a noise reduction program.

The noise threshold values at the site's boundary line are adhered to.



Equality and respectful interactions

All KRAIBURG employees treat other people, especially people of different backgrounds and experience, with respect and integrity.

Discrimination based on ethnic background, gender, religion or world view, a disability, age or sexual or political preference shall not be tolerated; the same applies to physical, psychological, sexual or verbal harassment or abuse.

We are committed to an open and tolerant company culture.



Human rights

At KRAIBURG and in the global supply chain, compliance with human rights is very important to us. This is why we do not accept any forced or child labor.

Unless the respective national legislation demands a higher age limit, children of school age or children younger than 15 years of age must not be employed.

Workers who are not yet 18 years of age must not carry out dangerous work without supervision, and they must not work at night.

In addition, wages and other benefits must not be lower than the legal minimum wage. All other employment laws, such as those relating to maximum working hours, must be adhered to.



Societal commitment

The successful development of Gummiwerk KRAIBURG is inextricably linked with the successful development of our Bavarian hometown of Waldkraiburg.

Year on year, we are committed to the associations and we support social initiatives, campaigns and facilities in the town.



Prospects

At Gummiwerk KRAIBURG, legally compliant ecological, economic and social achievements are very important to us.

Here, we also achieved positive results in 2020.

We will continue this development in 2021.

Some examples of our tasks for 2021 are the prevention of accidents at work, further improvements to the ergonomic workplace situation and the clarification of recycling options for elastomer compounds.

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