



GODELMANN

MASTERS OF STONE

Climate. Stone. Future.

Future report & environmental
statement with appendix

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EMAS environmental statement – ESRS report

Climate. Stone. Future.

Dear readers,

Sustainability is an attitude. One that we adopted decades ago and that is lived out every day in our family business. As stone innovators, we want to develop products that are as sustainable as possible and produce them in the most sustainable way possible.

But today, our aspirations go even further: our bricks should help make cities resilient to the effects of climate change in order to secure a future worth living for the next generation. To achieve this transformation, we are developing innovations such as the GDM.KLIMASTEIN and increasingly operating within raw material cycles.

In this Future Report, we describe how we do this and what measures we are implementing in the three areas of sustainability: environment, social and governance.

For the first time, we are publishing not only our EMAS environmental statement, but also a sustainability report based on the European ESRS standards.

By providing insight into our sustainability strategy, we want to raise awareness both internally and externally that sustainable action and economic success go hand in hand. That is why we strive for cooperation based on partnership between all parties involved in every construction project. That is why Max Godelmann is already the fourth generation to be involved in our family business. And that is why it remains our vision to become Europe's greenest concrete block factory.

So let yourself be inspired as you read and join us on this journey into the future!

Silvia and Bernhard Godelmann



The GODELMANN management team: Felix Köbele mit Max, Silvia und Bernhard Godelmann.

01 Cities facing transformation

A vibrant urban plaza with a large tree, benches, and people walking. The scene is set in a city street with modern buildings and a paved walkway. A large, leafy tree stands prominently in the center, casting shade over a wooden bench. Several people are walking and sitting on the bench, enjoying the outdoor space. The background shows a mix of residential and commercial buildings, with a clear blue sky and some clouds.

There is no doubt that our **cities must adapt to climate change**. This is a huge task and a highly complex issue. Different interests clash, new ecosystems cannot be created overnight, and it costs money. **The sensitive use of water is central to this transformation..**

Climate.

A new challenge for urban areas

What we need to do, where the obstacles lie and how the transformation of cities can succeed are topics discussed by Professor of Urban Planning Dr Simone Linke, President of the Federation of German Landscape Architects Stephan Lenzen, rainwater management expert Dr. Carsten Dierkes and architect Andreas Voigt from GODELMANN.

Why are cities particularly affected by climate change and what dangers do they face?

” **Dr. Simone Linke:**

Cities are very vulnerable because many people live in a small area, because there is sensitive infrastructure and because they are not equipped to deal with flooding, drought and heat. This means we have to rebuild our cities.

” **Stephan Lenzen:**

A city cannot cool down at night in the same way as an open space. The heat accumulates over time. That is why we need to bring cold air back into the city from outside through air movement. To combat flooding, we need systems that retain and store water via retention areas. And we need paved areas that can be temporarily flooded. At the same time, the ground needs to be unsealed so that precipitation can seep into the groundwater.



Dr. rer. nat. Simone Ines Linke
Professor of Urban Planning and Landscape Architecture, Dean of Studies for the Green Urban Planning programme, Weihenstephan-Triesdorf University of Applied Sciences



Stephan Lenzen
Landscape architect, owner of RMP SL, president of bdlA (Association of German Landscape Architects), honorary professor of landscape architecture, Dortmund University of Applied Sciences and Arts

Where does the water problem in German cities come from?

” Dr. Carsten Dierkes:

The periods without rain in summer are getting longer and longer. On the other hand, higher air temperatures mean that more moisture accumulates in the atmosphere. This changes the weather, with long dry spells and heavy rainfall on an unprecedented scale. In German cities, however, we design our sewer systems based on historical weather data. This statistical approach no longer works. In addition, dried-out green spaces act like sealed surfaces. Another point is that water is becoming scarce in cities. It is being pumped out of the surrounding countryside, which is causing conflicts with agriculture. We therefore need to retain, store and evaporate water in a decentralised manner. Our salvation lies in architecture, in the interplay of streets, green spaces and water.

Do architects have solutions to combat the effects of climate change?

” Andreas Voigt:

Absolutely! It's true that once-in-a-century floods seem to occur several times a year. And we won't be able to rebuild the sewer system. But we have above-ground areas, facades and roofs that we can use to support decentralised drainage.

” Stephan Lenzen:

However, 99 per cent of our cities are already built up. We can only unseal traffic areas, parking areas and the inner courtyards of blocks of flats. That is why the mobility transition is a prerequisite for transformation.

” Dr. Simone Linke:

The results of our research project 'Green City of the Future' are very clear: we must preserve existing trees and further develop green spaces. However, climate change has not yet been given the necessary priority.



Dr.-Ing. Carsten Dierkes

Owner of H2O Research GmbH, scientific management consultant for rainwater management, including for GODELMANN



Andreas Voigt

Architect, Head of GODELMANN's Berlin office, consulting and product development



Cities must continue to develop green spaces and unseal soil, as shown here with GDM.KLIMASTEIN.

What is hindering the transformation of urban infrastructure?

” Stephan Lenzen:

Personally, I believe that there is enormous resistance to change in society. No one wants a tree in front of their house, no one wants to give up their car. It's a cultural battle, ideologically and politically charged. According to the Climate Adaptation Act, cities now have to develop climate concepts. But this is not happening systematically across the entire urban area. A single climate street is a tiny area on the city map. And plants have to grow first.

” Dr. Carsten Dierkes:

The issue has been included in the planning. But administrations often slow us down because the prevailing opinion is that water has no place on or under traffic areas. A second problem is that civil engineering offices have the power to prevent decentralised infiltration through compulsory connection to and use of the sewerage system. However, I see the greatest difficulty in bringing all municipal departments to the table.

” Andreas Voigt:

However, I believe that there is still a lot of knowledge missing. Spaces need to be rethought – as multifunctional elements. This means questioning existing ways of working and adapting planning processes. Local authorities are only gradually coming to realise this.

” Stephan Lenzen:

There is a lack of transfer from research to teaching. And the interrelationships are incredibly complex. Concrete blocks, for example, have been demonised. But we cannot do without paved surfaces. The crucial question then is: what happens to the water because of the blocks? We need products that can perform certain tasks. Or the new climate trees. They can cope with drought, but they have much less foliage and achieve only a fraction of the cooling effect of our current city trees. .

What levers do you see for initiating change?

” Dr. Simone Linke:

There are many different levers that can be pulled. We are already familiar with and have tried out some of them, such as interdisciplinary collaboration and more intensive exchange between science and practice. In public administration, all disciplines should be treated as equals, especially before a project is launched. Legislation also has a role to play. The Climate Adaptation Act is a step in the right direction, but it remains too vague. However, it is also exciting to involve other disciplines, such as health sciences, psychology and philosophy. Last but not least, property owners have a responsibility for their land and what happens on it. Ultimately, it is about us humans, so we must pay particular attention to the needs and concerns of the population.

And what about the costs? Local authorities are often stretched to their financial limits.

” Stephan Lenzen:

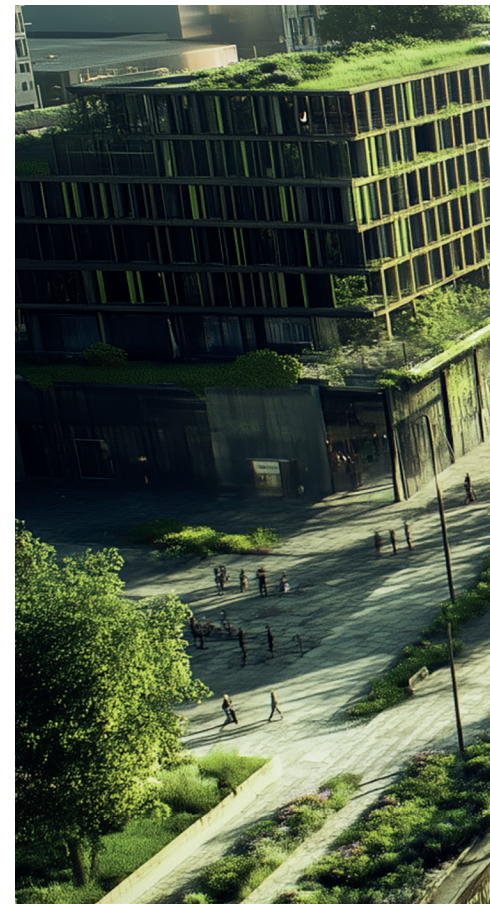
Climate measures compete with important infrastructure such as schools in political decision-making, except in the case of funding projects. That is why the bdlA is calling for climate adaptation to be enshrined in the Basic Law. The joint task of climate adaptation will only succeed if the federal government provides economic support to cities.

” Dr. Simone Linke:

It's actually a simple equation, as the Ahr Valley disaster in Rhineland-Palatinate shows: approximately €20 billion in damage, €15 billion of which was not covered by insurance. We know exactly how much these disasters cost.



As in this multi-generational neighbourhood in Kümmersbruck, which was built using various GODELMANN products, the needs of the population must be given special consideration during the planning stage.





What are your hopes and what is your conclusion?

” Dr. Simone Linke:

We need to change our planning paradigm towards green urban development. In the long term, our cities will have to look different. This also means that we need to think more holistically about materials. We need to experiment more and, in addition to changing urban planning, conduct concrete research into new materials. Science is always optimistic; we want to bring about change.

” Dr. Carsten Dierkes:

My hope is that we can bring our knowledge into the professional sphere and that hostility towards science in society will decrease again. Because we don't want to boss people around, we want to protect them.

” Andreas Voigt:

I think the topic of 'green-blue' has entered people's minds. But I would like to see recognition of the potential for climate adaptation in the 'grey' areas, i.e. the built-up areas of our cities.

” Stephan Lenzen:

I am convinced that a green-blue-colourful infrastructure – i.e. plants, water and biodiversity – is our only chance. And that we landscape architects, as a very quiet and small profession, need to become louder and more political in order to get this issue moving.

The city of the future combines existing structures and blue-green infrastructure to create a liveable urban environment.



A car park becomes a **climate park**

A green park with direct access to the River Kocher is being created around the town hall in Aalen as part of a model project for urban climate adaptation. This mammoth project not only strengthens climate resilience in this district, but also brings about a significant improvement in the entire urban environment.

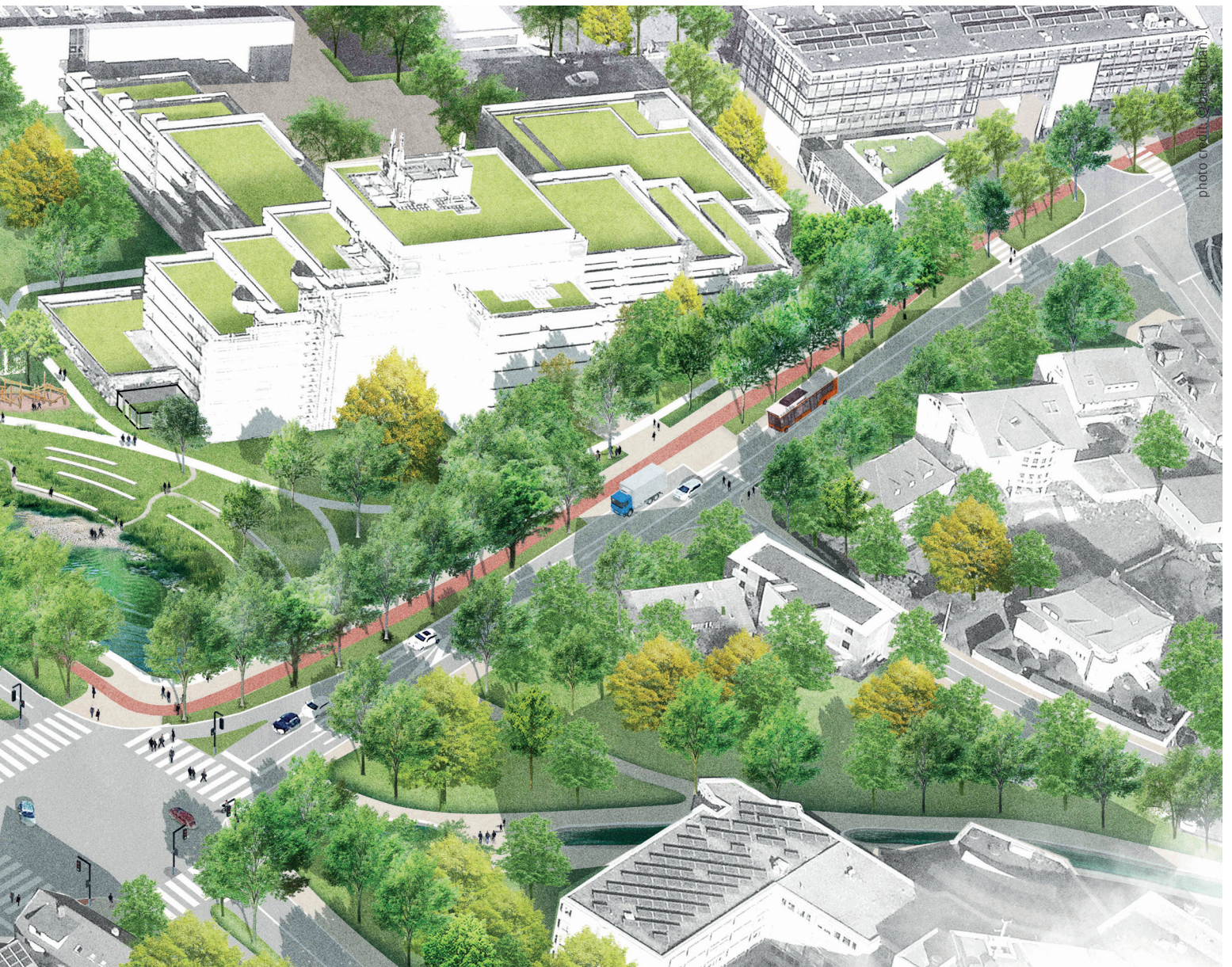
A four-lane road, a sealed car park, a river hidden beneath, forced into pipes, small patches of greenery, isolated trees. The area surrounding Aalen Town Hall is typical of conventional urban planning. Or rather, they were. With the Gaulbad and Stuttgarter Straße model project, part of the federal funding programme 'Adapting urban and rural areas to climate change', the city is setting new priorities. The sealed car park is being transformed into a green town hall park, the Kocher river is returning to the surface, and the busy Stuttgarter Straße is being reduced to two lanes and greened. The federal government is covering 90 per cent of the total costs of three million euros. Aalen brought the experienced landscape and urban planning firm *bauchplan* (Munich/Vienna/Cologne) on board for the planning and design.



The climate project is improving the quality of life and living conditions in the entire neighborhood surrounding Aalen Town Hall. GDM.KLIMASTEIN is making a significant contribution to this.

” **The Aalen project demonstrates how cooling climate zones can be created in urban areas and the contribution that water-storing and evaporative surfaces make to this.**

Andreas Voigt,
Architect and Head of GODELMANN Berlin Office



Sustainable urban development on multiple levels

The project improves a strategically valuable location in the Aalen urban area. Not only the town hall and its immediate surroundings will benefit from the redevelopment. With open access to the Kocher river, the historic Gaulbad will be revived as a defining feature of the neighbourhood. In a second step, Stuttgarter Straße is to be upgraded to a traffic-calmed climate boulevard.



photo credit: © bauchplatz

All parties involved expect the large-scale unsealing and greening to have a significant impact on the climate: cooling for the entire adjacent urban quarter, storage of precipitation in the ground and in the retention areas, and a fresh air corridor to the city centre for night-time air exchange. But the social impact is at least as important: the green and water areas increase the attractiveness of the neighbourhood and offer a place for all generations to meet with a high quality of stay. Away from road traffic, with plenty of seating, shady spots, barrier-free paths and squares right next to the river, and a flat, playable shore in the Kocher-bucht bay. At the same time, pedestrians will benefit from car-free access to the city centre and cyclists from the then closed old town ring road. Aalen is thus using the climate project as a driver for all-round sustainable urban development at this location.

Safe footpaths require barrier-free and noise-reducing surfacing. In Aalen, concrete blocks from GODELMANN are used.

” Recording climate data over longer periods of time is very important in order to bring the conversion measures of such projects to a sound scientific level.

Andreas Voigt,
Architect and Head of GODELMANN Berlin Office

High demands on materials

To ensure that the new blue-green infrastructure delivers the desired climate effect, all paved areas are designed to be permeable. At the same time, they are intended to act as water reservoirs and cool the surrounding area through evaporation. Much of the demolition material is also being reused, for example for seating elements and steps. The concept of multifunctional surfaces and recycling places high demands on the materials. That is why the city chose GODELMANN's GDM.KLIMASTEIN for this project. The concrete block fulfils all the required functions and is produced in a CO₂-neutral manner through compensation. It also consists partly of high-quality recycled material.

Scientific monitoring of the climate project began long before the ground-breaking ceremony, including a series of climate data measurements at the old car park and a climate simulation during the design and planning phase. This monitoring will continue after the renovation to substantiate the planned effects on the urban climate and gain new insights for further construction projects. With the Gaulbad, Aalen has taken an important step towards climate resilience. It will not be the last.

” Through dialogue with the population and citizen participation, we have been able to incorporate important wishes and concerns into the design. The overall assessment is very positive.

Ralf Rüdener,
Project Manager, Parks Department, City of Aalen

The open riverbank offers an attractive recreational area and creates new retention areas. The principle of GDM.KLIMASTEIN also supports the natural water cycle.



Climate protection and urban planning must go hand in hand

Jan Hendrik Trapp conducts research on the transformation of urban infrastructure and municipal action strategies. In this interview, he explains how cities and municipalities can actively promote climate projects.



Dipl.-Soz. Jan Hendrik Trapp
Research scientist and team leader at the German Institute for Urban Studies (Difu)

” Ultimately, transformation is a networking task.

What obstacles do city administrations face in adapting to climate change?

- ” Planning must increasingly take into account a wider range of diverse requirements. Accessibility. Urban safety. Affordable housing. Redensification on the one hand, open spaces on the other. This often amounts to squaring the circle. Cities that operate according to a clear administrative logic find this difficult. After all, climate adaptation means cross-departmental planning and coordination, abandoning old certainties, embracing new ideas and forging new networks.

Today, urban areas must meet a wide variety of requirements, which makes planning more difficult. The multifunctional GDM.KLIMASTEIN used here allows for a great deal of design freedom and supports climate adaptation.



Where can the authorities start?

- ” The earlier discussions about new projects take place, the more creativity and freedom there is for blue-green infrastructure solutions. The best time is before the formal development plan is initiated. Many cities also have strong municipal companies with considerable resources that they can use in planning and influence. However, what is often lacking are structures for consultation between stakeholders – especially when it comes to questions of investment and operating costs. Who is responsible for what? And how can blue-green infrastructure be financed during operation?

What is the key issue in planning?

- ” The issue of space is crucial because we need to completely reverse the old logic of urban drainage – quickly directing water into the sewer system and out of the city. As part of the urban water cycle, blue-green infrastructure takes on a whole new relevance in terms of space. Furthermore, water does not stop at the garden fence. That is why we must overcome thinking in terms of specific spatial scales and take an integrated approach – from the building to the property, then to the neighbourhood and from there to the entire city. And this networking of infrastructure must be reflected in the networking of stakeholders. Ultimately, transformation is a networking task.



02 Climate adaption requires **innovation**

Water is key to climate-resilient cities. The challenge is to store and evaporate it in such a way that hazards such as flooding do not arise in the first place. This means **unsealing** surfaces, for example with **multifunctional floor coverings**



Stone.

A new ally in the water cycle.

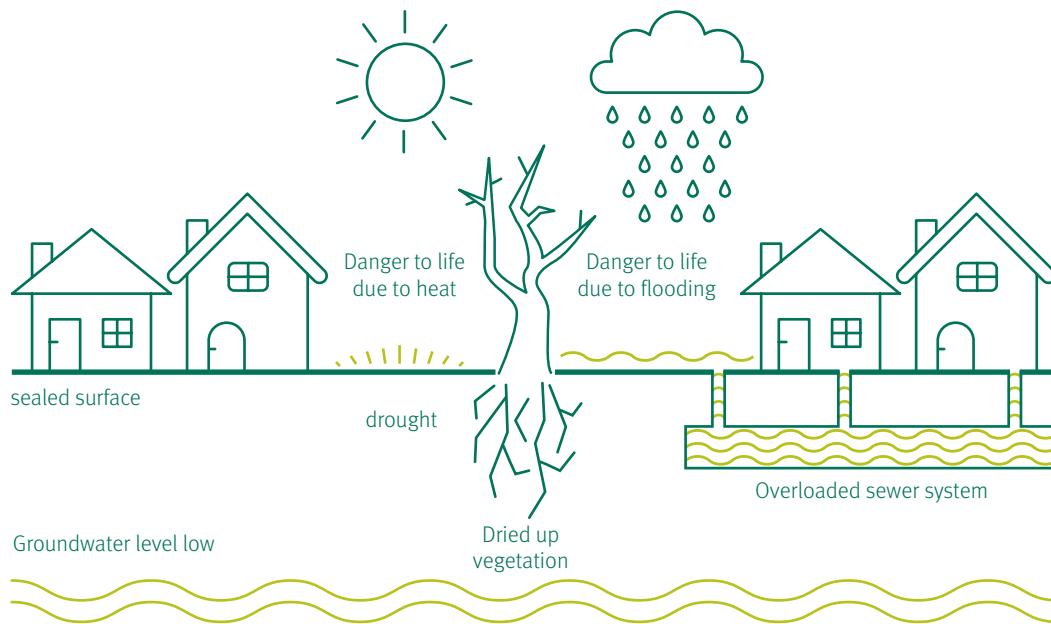
In order to mitigate the effects of climate change, new development concepts for urban areas must be developed. Green, blue and grey infrastructure, i.e. plants, water and buildings, together form small ecosystems, and these need to be changed for the better.



The fact that cities in particular are struggling with global warming is due to the extensive sealing of the soil. On average, almost half of the land in German cities is covered by buildings. Highly densely populated city centres are particularly affected. All precipitation that falls on sealed surfaces such as roads and buildings is currently directed into the sewage system without being filtered. From there, the water enters sewage treatment plants and, after treatment, flows into streams, rivers and lakes. Within the sealed areas, there is therefore no longer a natural water cycle; instead, an artificial, almost completely separate water management system has been created.

GODELMANN permeable paving stones secure surfaces without sealing them.

Current hazards posed by separate water circuits



Sealed surfaces have a destructive and life-threatening effect on people, buildings, vegetation and groundwater during long periods of drought and extreme rainfall..

50%

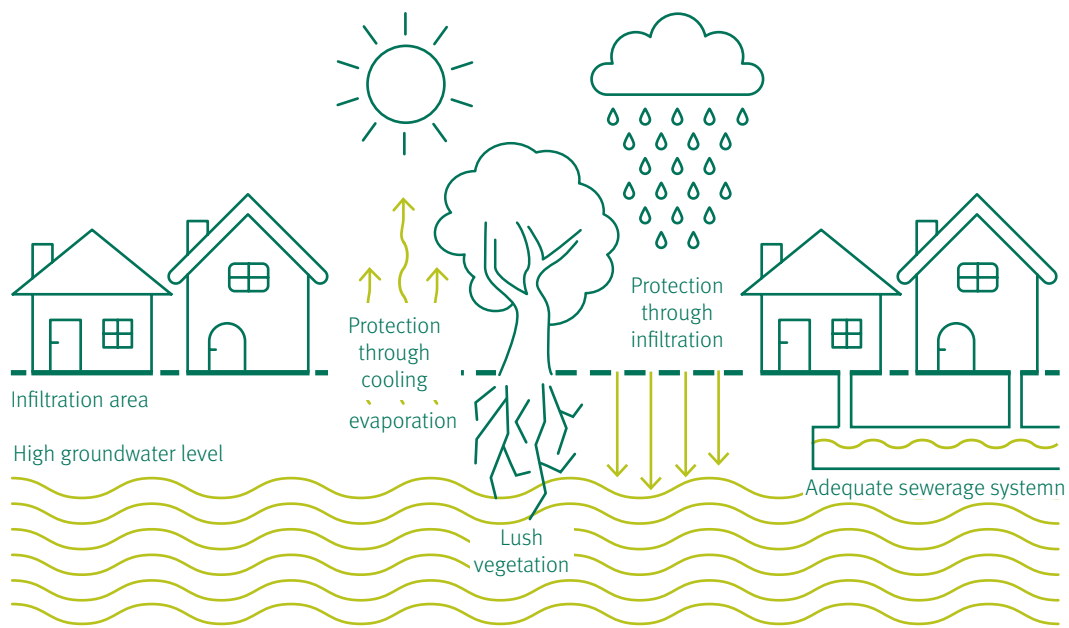
THAT IS APPROXIMATELY
THE PERCENTAGE OF SEALED
SURFACES IN GERMAN CITIES*.

Necessary: Rethinking water management

The architectural concept of separate water cycles has long been justified. Sealed squares and streets bring many people together, allow fast vehicles and make intensive use of limited urban space. And – particularly important – they prevent pollutants from traffic, industry or buildings from entering the sensitive groundwater. However, with rising temperatures, long periods of drought are increasing, as are heavy rainfall events in a very short time. Both are weather extremes that the artificial water cycle cannot cope with.

That is why cities need a new, decentralised water management system without giving up the advantages of paved surfaces and groundwater protection. Areas are needed that fulfil several functions at the same time. Paving and pollutant filtration on the one hand, water permeability and heat protection on the other. So it's time for innovative concepts such as GDM.KLIMASTEIN.

Climate resilience through natural water cycles



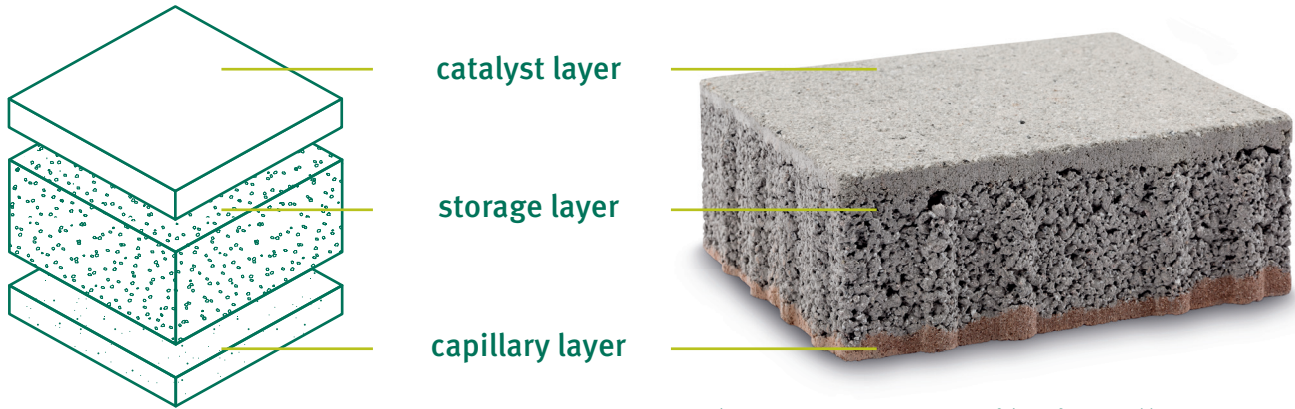
Unsealed surfaces protect people and nature in several ways, as they allow water to seep away and be stored. This means that they can serve as floodplains during extreme rainfall and cool the microclimate through evaporation during hot weather.



Sustainable development in the centre of Niederwerrn: new public buildings and squares create space for people to meet. The open spaces are designed with permeable **GDM.KLIMASTEIN proActive**.

One solution: multifunctional surfaces with GDM.KLIMASTEIN

GDM.KLIMASTEIN is a permeable paving stone with proActive functions. It consists of a catalyst layer that reduces air pollutants, a storage layer that retains water, and a capillary layer that directs water from the surface into the storage layer.



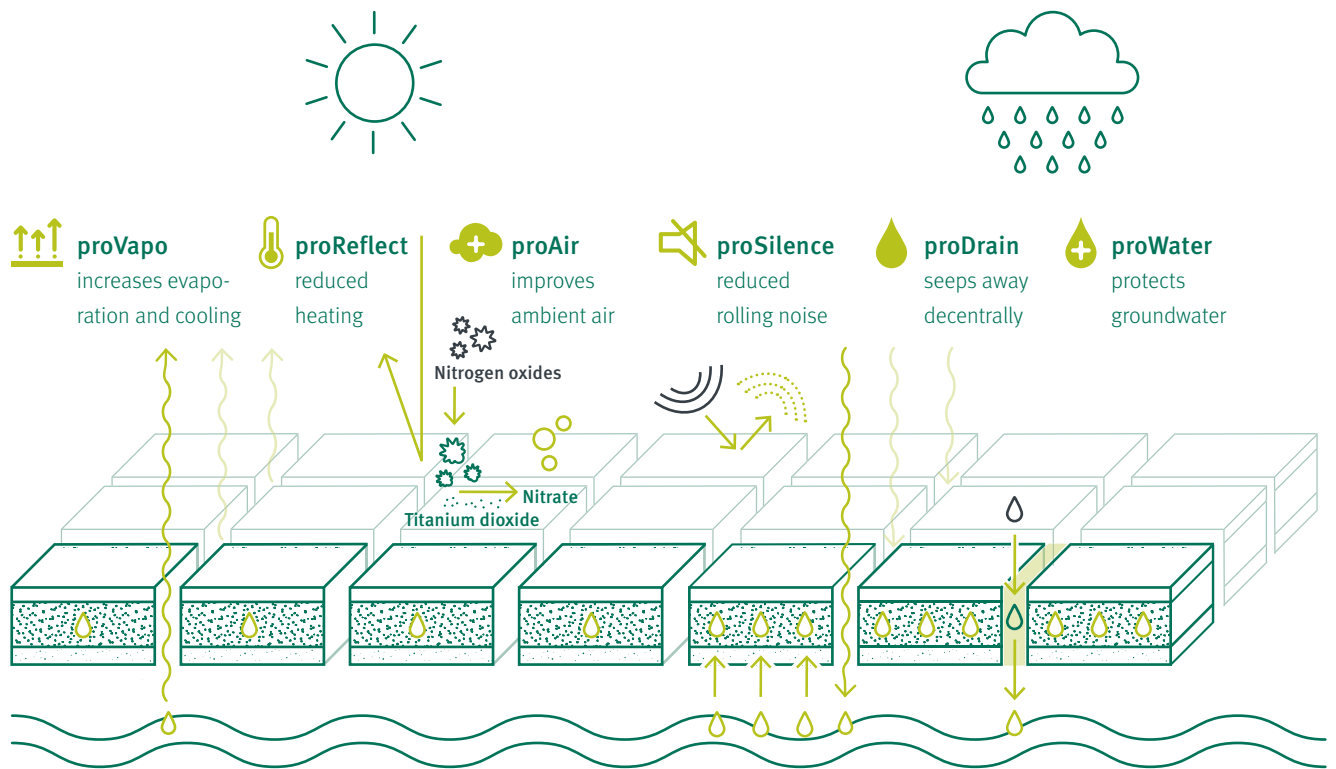
The GDM.KLIMASTEIN consists of three functional layers. In combination with the joint and bedding, pollutants can be filtered out of precipitation runoff.

proActive properties make paved areas multifunctional.



Surfaces laid with GDM.KLIMASTEIN and special jointing material work differently to sealed floors: firstly, precipitation can seep away through the joints, enabling a natural water cycle. Secondly, the jointing material filters pollutants out of the water and protects the groundwater. And thirdly, the water stored in the stone supports evaporation and thus cools the surrounding area. In addition, the stone surface reflects sunlight, which reduces the heating up of the paving, and the type of installation reduces noise when walking or driving on the paving stones. In this way, GDM.KLIMASTEIN supports decentralised water management, reduces air pollution and ensures a pleasant ambient climate – without soil sealing.

The construction method using stone, bedding and joints has been approved by the German Institute for Building Technology (DIBT) and confirms the system as a wastewater treatment plant with a pollutant filter. Evaporation was monitored and evaluated over a three-year period in a series of tests conducted by the Bavarian State Trade Institute. The evaporation rate is over 70 percent in the summer months.

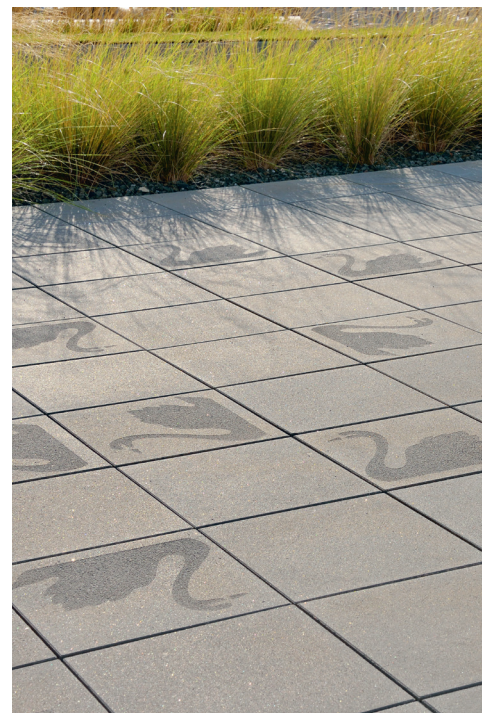


Depending on weather conditions, the GDM.KLIMASTEIN and proActive functions work differently to create the best possible environment for people and infrastructure.

Concrete – a underrated material

It's true: cement accounts for over 90% of the CO₂ emissions of a concrete block. That's why GODELMANN is conducting intensive research into new solutions. But it's also true that our concrete blocks have decisive advantages in a direct comparison of materials.

- **High functionality**
Resilient, barrier-free and durable, for driveways and walkways
- **Free design**
Design freedom thanks to a wide range of surfaces and freely formable concrete elements
- **Active climate protection**
ProActive functions to support blue-green infrastructure
- **Transparent supply chains and production**
Regional extraction and certified, climate-friendly production
- **Geschlossener Materialkreislauf**
Use of recycled material, 100% recyclable, awarded Cradle to Cradle Certified® Gold



03 Thinking and acting in **cycles**



Concrete and nature in peaceful harmony? You can sense this at GODELMANN in Fensterbach from the moment you arrive. Decades before environmental protection became a megatrend, the family embraced the **principle of sustainable raw material cycles**.



Future.

The most important reason for sustainability

”



We think holistically and try to keep our raw materials and consumables in closed cycles from the outset.

Bernhard Godelmann

Walking across the factory premises with Bernhard Godelmann, a large steel structure immediately catches the eye – the recycling plant. It is, so to speak, the heart of the raw material cycle. Outside, materials of various grain sizes are neatly sorted and stacked. If you pick up a handful, the different stones make it clear that this is recycled sand or coarser recycled grit. Made in-house since 1981.

Even back then, founder Bernhard Godelmann Senior did not want to simply dispose of production waste in landfill, but instead wanted to break down and separate the valuable raw materials so that they could be reused.



With its recycling plant on the factory premises, GODELMANN produces its own recycled material for new bricks. The raw materials are crushed into different grain sizes and stored for production. This saves 50,000 tonnes of primary raw materials every year.

Recycling: Stone becomes stone

Today, even the grinding dust is collected, sieved and dried into large 'cakes'. In addition to such production-related residues and unsaleable goods, GODELMANN now also recycles old paving stones: customers can return their removed stones free of charge, thereby supporting the concrete cycle.

The GRC material (GODELMANN Recycled Concrete) obtained in this way is regularly tested for quality in our in-house laboratory and replaces part of the primary raw materials in production. In the case of the GCR50 concrete block, it even accounts for half of the material, while offering the same high quality as new material.



” For us, there is no such thing as waste. That is why we use our upcycling process to produce pure, high-quality chippings from raw rock.

Max Godelmann



Raw material cycles at GODELMANN, visible to the naked eye: the concrete slabs for the park in Heidelberg before delivery.



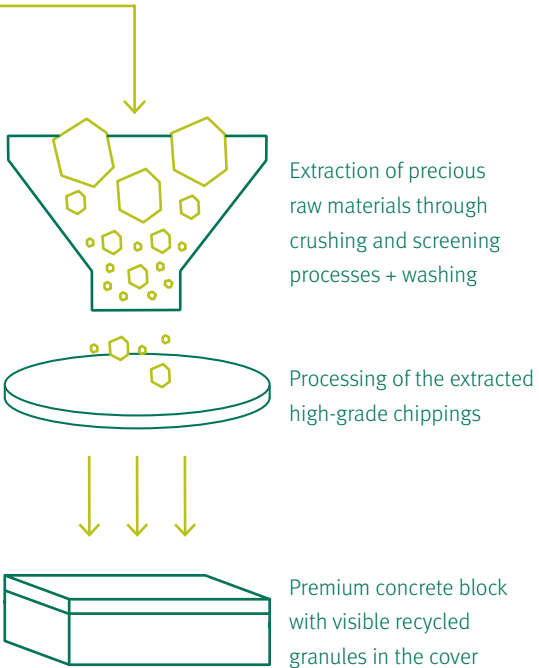


'Andere Park' in Heidelberg is a novel, green exercise area. GODELMANN used up-cycled high-grade chippings for the paving slabs of the concrete strip.

Upcycling: Waste becomes a valuable raw material

The family is also proud of the upcycling process for natural stone that it has developed in-house: raw stones that are considered waste in quarries or other manufacturing and demolition processes undergo special processing at GODELMANN. This produces, for example, fine granite chippings or coloured chippings, which offer great scope for creative product design. However, before a new idea is set in stone, one thing is already certain: every concrete block must be completely recyclable without harmful residues. This is recognised by the Cradle to Cradle Certified® Gold environmental certificate, which was awarded to all GODELMANN products in 2021 for their ecological compatibility and recyclability.

claimed natural stones and 'waste products'

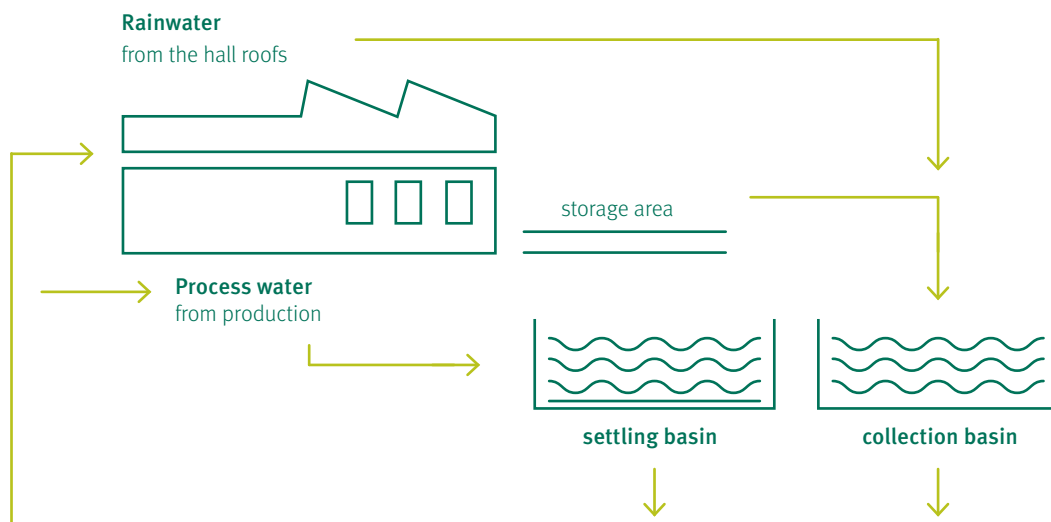




In the 'Canale Grande', precipitation is collected from the factory premises and then used for the production of new bricks.

Rainwater instead of drinking water

But cycles are not limited to concrete. Concrete requires water, and this cycle is also visible at GODELMANN: the 'Canale Grande' – a long water channel connected to a large catch basin – runs across the factory premises. All rainwater pipes from the building roofs lead into the canal, as do the floor drains from the courtyard areas. The rain provides pristine water quality for concrete production. The process water from production is also treated and used for new manufacturing processes. A complete water cycle, which is why GODELMANN does not use a single litre of drinking water for its products..



Pallet savers instead of deforestation

Finally, the finished bricks need to be transported. This requires a large number of pallets. These are also valuable materials at GODELMANN. That is why the employees in the pallet workshop act as pallet rescuers: undamaged Euro pallets can be reused immediately, while damaged ones are repaired and made fit for use again. Only completely unusable pallet parts are sent to the wood chip plant, where they are used as fuel for heating the building.



At GODELMANN every pallet counts.

Cycles that have an impact

11.100

SAVED CONIFERS

through pallet reconditioning

1 Mio. t

PRIMARY RAW MATERIALS SAVED

through GRC material

29.000 m³

DRINKING WATER SAVED

per year



GODELMANN recycles by type, thus ensuring the high quality of the recycled granulate for reuse in the production process.

Hard facts about recycling in Germany

- 208 million tonnes of mineral construction waste were generated in Germany in 2023.
- Over 90 percent of mineral construction waste was recycled in 2023..
- Since 2023, the Substitute Building Materials Ordinance (EBV) has regulated the use of recycled building materials (RC building materials).
- RC building materials manufactured, quality-controlled and classified in accordance with EBV are generally considered to be of equivalent quality.
- The planned Waste Disposal Ordinance is intended to eliminate the problem of EBV with regard to the classification of RC building materials as waste.

04 Sustainability secures our **future**

Concrete, people and nature are inseparable for us. That is why we understand **sustainability holistically as an ecological, social and economic task and act accordingly** – in line with the three ESG criteria of environment, social and governance.

Environment.

Social.

Governance.

In **harmony** with people and nature

Those who build shape the future. Those who build sustainably shape a sustainable future. As a manufacturer of building products and a third-generation family business, sustainable action has been a core value for GODELMANN for many decades.

GODELMANN milestones

1981

**START OF STONE
RECYCLING**

1984

**FIRST PERMEABLE
STONE GEOSTON**

1990

**START OF PRODUCTION
WITHOUT DRINKING
WATER**

2015

**FIRST CERTIFICATION
FOR CARBON-NEUTRAL
PRODUCTION***



Respect of the environment and the region

Concrete blocks last 30 years or more. That is one reason why we develop and manufacture our products with such foresight. We take a critical look at closed material cycles and climate-friendly processes. We are committed to returning our quarries to nature in better condition than we found them. And we strive to create a liveable environment for people with our blocks.



Getting better together

It is our employees who make GODELMANN a successful company. It is our region that supplies our raw materials and supports us as a manufacturing business. Constructive and appreciative cooperation on an equal footing is therefore particularly important to us. We care about the safety, well-being and future of people – both within the company itself and in the region.



Supporting sustainability globally

Sustainability is a global challenge and a long road ahead. Nevertheless, we are convinced that every step counts. That is why we are committed to the United Nations Sustainable Development Goals (SDGs) not only in theory. Through our actions, we are making a concrete contribution to achieving some of these goals in the future. We have the results of our measures regularly reviewed and certified by external bodies.



*through compensation with certified climate protection projects from myClimate.



Environmental protection is a decision

Our **raw materials** come **directly from nature**. That is why we think and act in **sustainable cycles**. With every drop of water, every pebble and every grain of sand. And with the renaturation of our mining areas.



Our environmental goals



100 %

USE MORE GRC* RECYCLED MATERIAL IN PRODUCTION

*GODELMANN Recycled Concrete



100 %

CONVERTING OUR OWN TRUCK FLEET TO BIO-LNG OPERATION BY 2030



100 %

INCREASE IN SALES FOR GDM.KLIMASTEIN (consist of half GRC material)



bis 2027

CONCEPT FOR THE SUSTAINABLE INCREASE OF BIODIVERSITY



60 %

COVERING YOUR ELECTRICITY NEEDS WITH YOUR OWN PV SYSTEM AND STORAGE



bis 2030

IMPLEMENTATION OF PROJECTS IN WHICH CEMENT SUBSTITUTE (METAKAOLIN) IS USED

Environment.

How we reduce CO₂



In terms of energy consumption

We use green electricity and are generating more and more of our own electricity. All roofs at our Fensterbach site are now equipped with a photovoltaic system. We heat our buildings with a wood chip system that runs exclusively on waste from pallet processing and formwork construction that we chop ourselves.

Our PV systems supply CO₂-free electricity.



In logistics

Our raw materials come from our own mining areas in the immediate vicinity. We use conveyor belts for transport and are investing in a new conveyor bridge, which will eliminate the need for many daily truck journeys. We are converting our truck fleet to gas operation, with refuelling taking place directly on site. The rest of our vehicle fleet, such as forklifts and cars, will also use alternative drive systems.



In terms of material consumption

Durability and material cycles are key for us in saving resources and CO₂. This applies to both our production and our products. That is why we process concrete and stone waste into new raw materials. That is why we do not dye our stones, but use coloured materials instead. That is why we recondition pallets instead of disposing of them.



In our sand pit, the excavated material is transported by conveyor belt to keep CO₂ emissions low.

New certified locations: more environmental protection, more transparency

With Berlin and Kirchheim unter Teck, GODELMANN has integrated two further locations into the European environmental management system EMAS. This means that seven out of a total of ten locations have already been audited. Both new additions support ecological cycles with environmentally friendly water management and green spaces for species protection.



Climate-friendly from the outset: the new location in Kirchheim unter Teck

Ideas Garden and Warehouse in Kirchheim unter Teck

With the groundbreaking ceremony on November 3, 2011, a new sales location for GODELMANN was created in Kirchheim unter Teck. Even during the planning stage, we paid attention to water cycles, green spaces, and our own power generation. That is why a photovoltaic system with an output of 99.6 kWp operates on the roof of the hall. The roof of the office, on the other hand, is greened. We divert rainwater from both buildings into a cistern with a capacity of 20,000 liters so that we can maintain the show garden without using drinking water. Once the cistern is full, the precipitation flows into a retention basin that is twice as large. This allows us to retain the water locally at the site without putting strain on the sewer system. The site is heated by a heat pump.

12.900 m²

LAND AREA

10.860 m²

SEALED SURFACE

274 m²

HEATED AREA

20

EMPLOYEES

Our offices in the climate-friendly BIKINI BERLIN building.



Products and expertise at BIKINI BERLIN

Since August 2018, we have been offering visitors to the BIKINI BERLIN concept shopping mall the opportunity to experience our decentralized drainage products. The mall is located just a few steps away from numerous planning offices and is easily

accessible by bus, train, or bicycle. In the listed building itself, service water is treated and used for toilet flushing. Green outdoor terraces, insect-friendly plants, and our own beehive promote biodiversity.



Advice on climate-friendly projects is available directly on site.

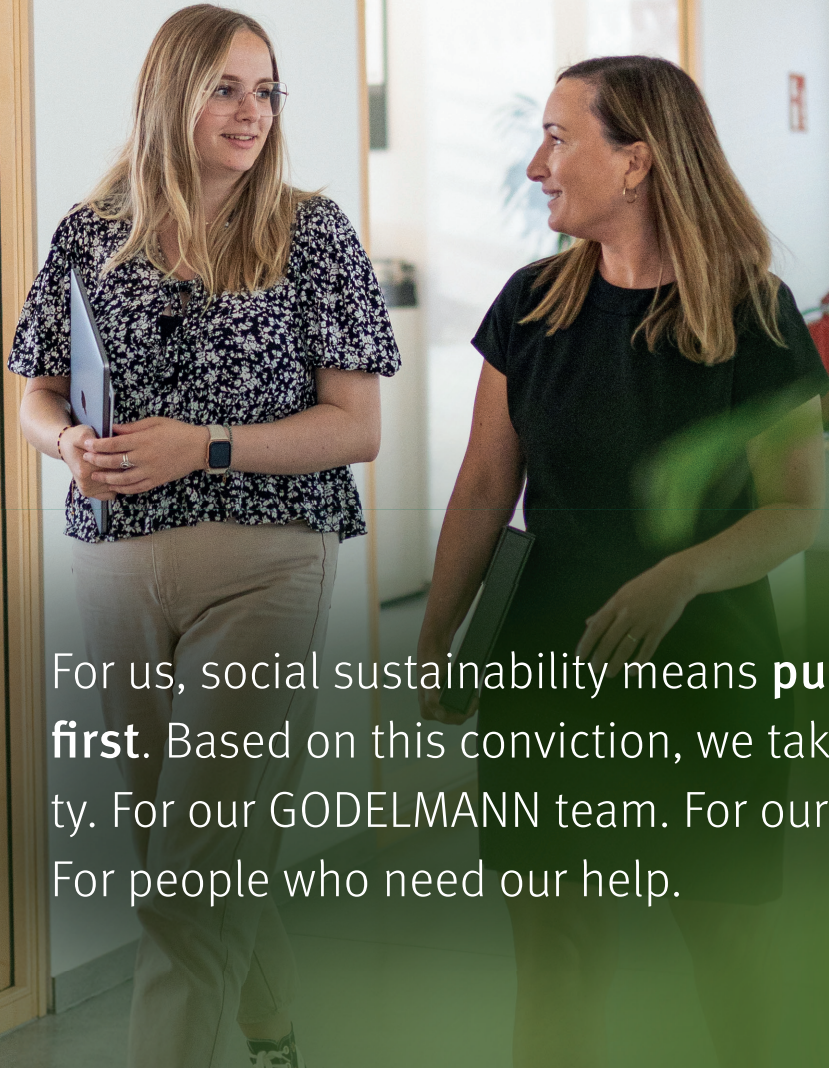


Special sample drawers allow colors and surfaces to be examined at close range.

Our three employees present our entire range of ecological paving stones in a 160 m² rental space. In our training courses, we demonstrate the stones in a practical manner in their original formats and with realistic surface finishes. With this combination of innovative strength, active climate protection, and short distances, we provide our customers with optimal support in the planning and implementation of their climate-friendly projects.

S

Community arises from responsibility



For us, social sustainability means **putting people first**. Based on this conviction, we take responsibility. For our GODELMANN team. For our home region. For people who need our help.

Our social commitment



Vielfalt

18 NATIONALITIES WORK TOGETHER AT GODELMANN



20%

CREATE MORE TRAINING PLACES



130.000 €

FOR THE COMMUNITY IN THE FORM OF SPONSORSHIP AND DONATIONS IN 2024



106

DIFFERENT JOBS IN THE COMPANY

Social.

How we support people



Through safety and health precautions

Stones are extremely heavy, as you can see from the machines in our production facility. Accident prevention, ergonomic working practices, and health care are among our most important protective measures. These also include a company supplementary health insurance scheme and bonuses for participating in preventive health care events and job bikes.



Through appreciation and further training

Learning and getting the best out of yourself is a basic human need. With the GODELMANN Academy, we offer our own regular training courses. We train our next generation ourselves. At our Girls' Day and in our Stone Inventor Camp, schoolchildren get their first insights. Team spirit is a top priority at GoTreff. and at team events such as joint visits to the regional ice hockey club sponsored by GODELMANN. We also take care of our freight forwarders and logistics service providers: at the GODELMANN TruckStopp on the factory premises, drivers can chat and have free use of a kitchen and sanitary facilities.



Through opportunities for exchange

We create opportunities for interaction and transparency through public events and factory tours. On our "Garden Day," we invite people from the region to a celebration at our locations in Fensterbach, Kirchheim unter Teck, and Maithenbeth. Every year, around 5,000 visitors come to gather information and inspiration for their own garden designs and enjoy the open, family-friendly atmosphere.



Through financial donations

Every year, we donate to the German José Carreras Leukemia Foundation, the Johanniter Christmas Truckers campaign, and other associations and aid organizations in the region.



G

Governance requires integrity

Collaborative. Creative. Leading. –

These are our core values. It is our deep conviction that sustainable economic success can only be achieved through **credibility and transparency**. This attitude is lived out by us and our employees every day.



Our Governance measures



1.

CLEAR GOVERNANCE STRUCTURE

Transparent responsibilities and sustainable corporate management



2.

COACHING FOR MANAGERS

Continuous development of leadership skills with our values



3.

INTERNAL AND EXTERNAL COMPLIANCE

Involvement of internal and external Stakeholders and combating corruption



4.

SELECTION OF SUPPLIERS

Responsibility for socially, environmentally and economically

Governance.

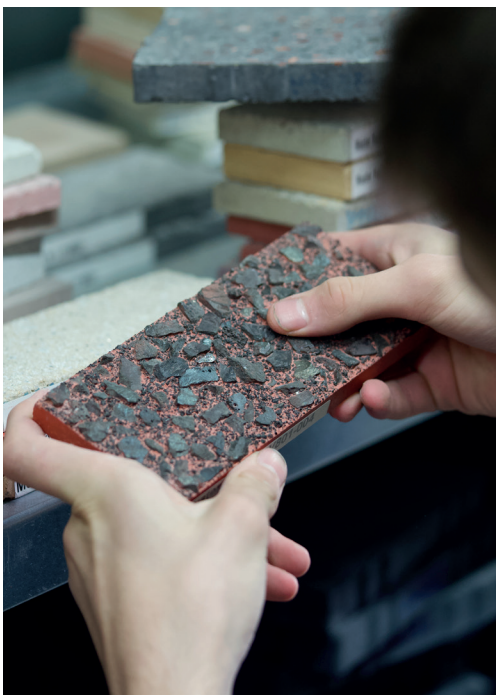
How we live our values



Leading – through competent action

What we mean by competence: As a company with over 500 employees, we strive to operate in a forward-looking and sustainable manner. As a developer of high-quality concrete blocks, we aim to build and expand our technical expertise. As a manufacturing industrial company, we utilize state-of-the-art technologies. As a responsible employer, we identify and minimize risks.

As a family business, we work together every day, from management to each individual team member.



Creative – through innovative design

What we mean by innovation: Approaching tasks with inventiveness and a willingness to experiment. Engaging in intensive exchange with research and teaching. Thinking outside the box and designing multifunctionally. Combining concrete and nature. Creating products that improve people's lives.



Collaborative – through openness and respect

What we mean by openness and respect: Treating each other with appreciation and trust, both within the company and with all our customers and partners. Communicating transparently, thoroughly, and honestly, both internally and externally. Respecting nature, its resources, and its cycles.

Credible through **transparency**

Sustainable action is part of our identity. It is our sincere aim to provide truthful and verifiable evidence of this action. We are therefore all the more delighted when this is confirmed, as it was on November 28, 2023.



On this day, GODELMANN received the German Sustainability Award 2024 for companies in Düsseldorf and, almost simultaneously, was honored with the Green Award for our GDM.KLIMA-STEIN in Singapore. We want to continue to live up to our role as a credible pioneer of sustainable transformation, both in our family business and in our products. Transparency has always been and remains particularly important to us on this journey. Transparency for our team as well as for the public. We demonstrate this with our various certifications.

Two important awards for GODELMANN: German Sustainability Award and Green Award

”



It is our deep conviction that sustainable economic success can only be achieved through integrity, credibility, and transparency. We strive to live by this ethical approach throughout the entire company every day.

Felix Köbele,
member of management

Multiple certifications for commitment to sustainability

Climate-neutral production – TÜV-certified

Since 2015, TÜV Rheinland has been monitoring our carbon footprint on an annual basis. To this end, we record our CO₂ emissions in accordance with the international Greenhouse Gas Protocol (GHG). We offset the direct (Scope 1) and indirect emissions resulting from our energy consumption (Scope 2) through TÜV-certified climate protection projects run by the climate protection organization myclimate.

Sustainable product cycles – Cradle to Cradle Gold certification

In 2022, GODELMANN became the first concrete block manufacturer worldwide to be certified in gold according to the international Cradle to Cradle (C2C) standard. C2C certification comprises five fundamental sustainability criteria for products. The assessment focuses on closed material cycles, environmental protection, health protection, and social responsibility.

Certified environmental management – EMAS certification

Every year, we have our environmental management and its legal compliance independently certified according to EMAS (Eco Management and Audit Scheme). A prerequisite for EMAS is that employees are involved in the environmental process. The detailed environmental statement contains data on energy and material efficiency as well as the environmental impact at all GODELMANN locations registered to date. GODELMANN-Standorten.

In December 2023, Environment Minister Steffi Lemke (right) presented the Federal Ecodesign Award to Silvia Godelmann for the GDM.KLIMASTEIN.

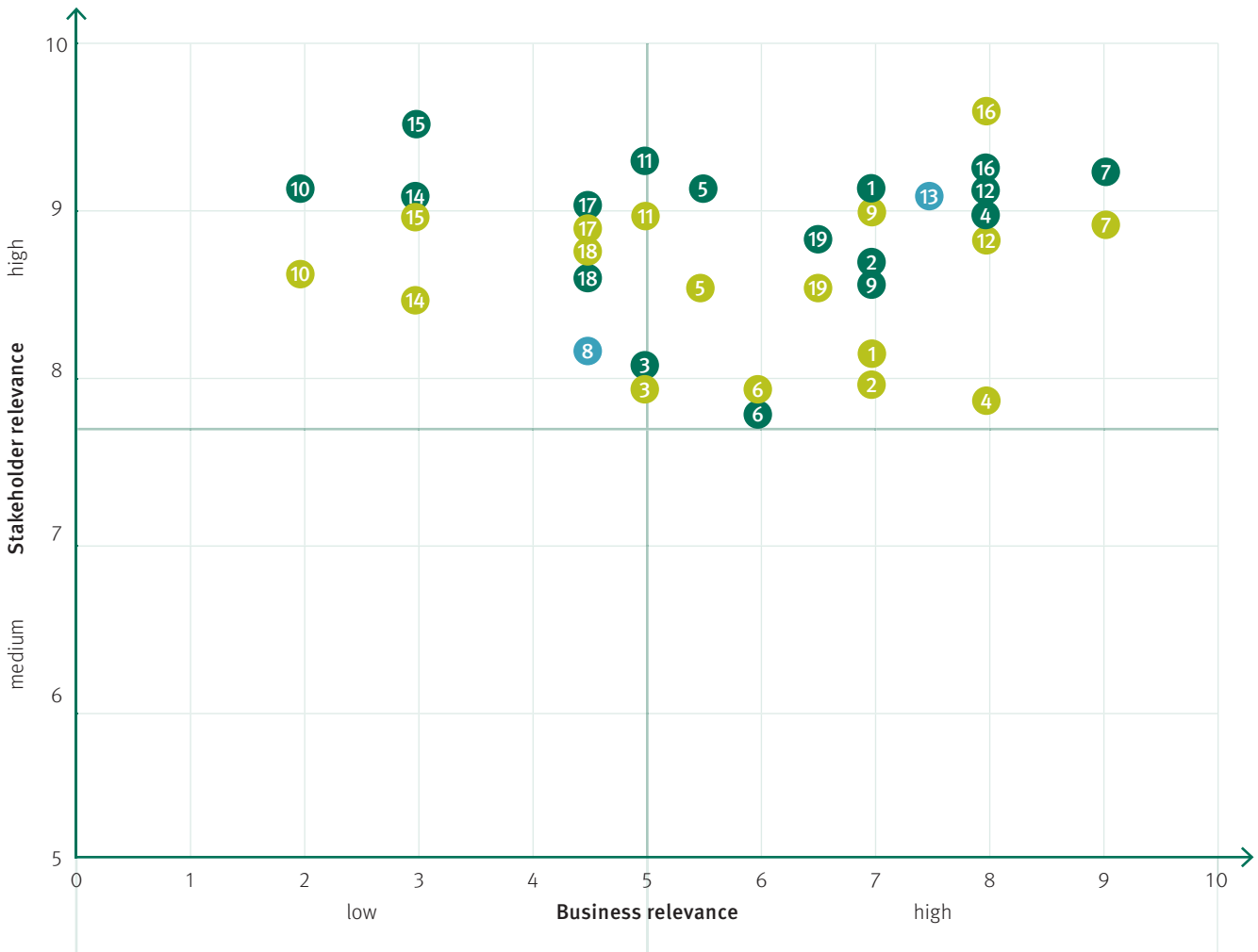


Appendix

Materiality analysis

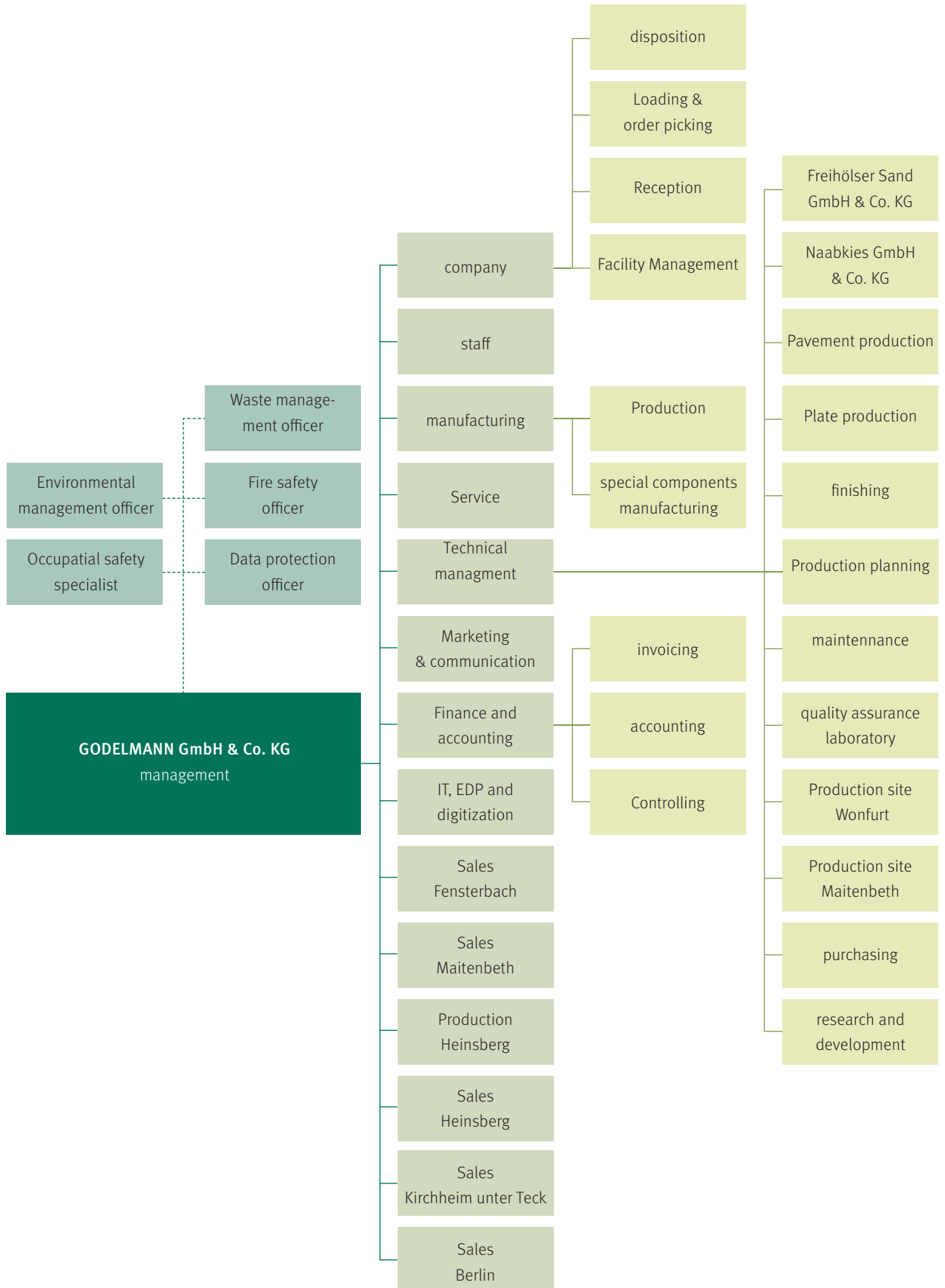
In order to evaluate the issues relevant to GODELMANN in terms of a sustainable corporate strategy and to create the materiality matrix, we conducted a survey of internal and external stakeholders on ESG topics in December 2024. The results identified the strategically important topics of transformation, innovation, and circular economy for GODELMANN.

- | | | | |
|------------------------|-------------------------|----------------------------|---|
| 1 Use of raw material | 8 EPD | 15 Quality assurance | <ul style="list-style-type: none"> ● internal Stakeholders ● external Stakeholders ● internal & external Stakeholders |
| 2 Energy consumption | 9 biodiversity | 16 Customer safety | |
| 3 emissions | 10 health | 17 Corporate values | |
| 4 Logistik | 11 safety | 18 Sustainability strategy | |
| 5 circular economy | 12 attractive employer | 19 transparency | |
| 6 climate footprint | 13 innovative strength | | |
| 7 sustainable products | 14 Planning reliability | | |



The ESG category of governance has the highest average scores and a high degree of agreement between internal and external expectations. The lowest scores are found in the area of environment. This is also where there is the least agreement between internal and external stakeholders, particularly with regard to logistics and the use of raw materials. In contrast, both groups rate quality assurance, customer satisfaction, and safety very highly.

Organizational chart



Locations

locations with EMAS

headquarter Fensterbach

Industriestraße 1, 92269 Fensterbach
 5 pavement production plants
 2 plate production plants
 1 manufactur
 1 sand processing (Freihölser Sand)

production and distribution site Maitenbeth

Pointner 2, 83558 Maitenbeth
 1 plate productionplant
 site manager: Klaus Müller

production and distribution site Wonfurt

Altachweg 10, 97539 Wonfurt
 1 pavement production plant
 site manager: Jürgen Rippel

Distribution site Kirchheim unter Teck

Maria-Merian-Straße 19, 73230 Kirchheim unter Teck
 site manager: Andreas Fiedler

Distribution site Berlin

Budapester Straße 44, 10787 Berlin
 site manager: Andreas Voigt

Mining site Naabkies

Morgenlandstraße 1, 92521 Schwarzenfeld
 1 gravel processing
 site manager: Christian Pröls

locations without EMAS

production and distribution site Heinsberg

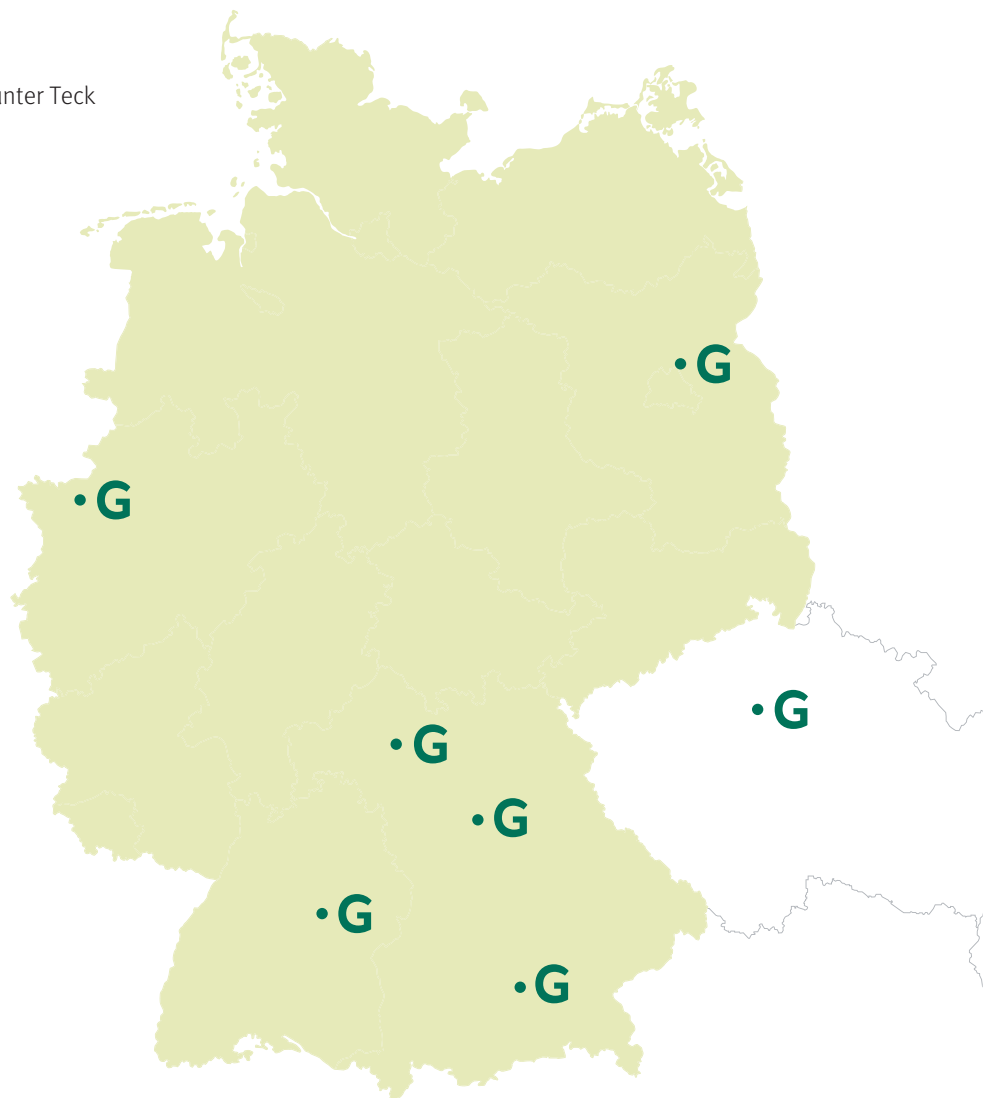
Stapper Straße 81, 52525 Heinsberg
 1 pavement production plants
 1 Robot manufacturing
 site manager: Felix Köbele

Distribution site Uvaly (nearPrag)

Dobročovická 2042, 25082 Úvaly
 site manager: Libor Marecek

design factory Železný Brod

Líšný 6, 468 22 Železný Brod
 site manager: Libor Marecek



Environmental policy

The GODELMANN Group is aware of its responsibility towards society and the environment and therefore treats environmental protection as equally important as its other corporate goals: This means that we constantly improve our environmental performance beyond the mandatory compliance with legal requirements, always reducing our environmental impact with the best available and most economical technology.

The GODELMANN Group acts in accordance with the following guidelines:

- Reduction of environmental impact at all stages of the product life cycle that can be influenced (development, production, packaging, storage, delivery, advice on processing). The efficient use of raw materials and the avoidance of waste are particularly important to us.
- Product design: Use of raw materials from the region, use of concrete recycling and upcycling.
- In the interests of our own employees and our neighborhood, we use safe and selected equipment and processes.
- We strive to eliminate the risk of environmentally harmful accidents as far as possible. If operational disruptions do occur, the impact on people and the environment should be avoided or at least limited. To achieve this, we strive to align, monitor, and optimize our technology and organization in line with the latest findings.
- In our cooperation with the authorities, an open and cooperative approach has proven to be very successful. We intend to continue this approach in the future. We also regularly inform the public about the impact of our activities on the environment in order to create a basis of openness and trust.
- Motivation of our business partners: We take our distribution partners', suppliers', and other contractors' commitment to the environment into account when selecting them. We offer our customers a wide range of environmentally friendly products and are continuously working to expand this range.
- We constantly monitor the fulfillment of our objectives! If necessary, we initiate corrective measures. Within the framework of environmental certifications (CO₂-neutral production, cradle-to-cradle environmental product declarations, etc.), we regularly review the fulfillment of environmental objectives and develop them further.
- Compliance with relevant legal regulations and binding obligations.

Environmental policy thus provides the framework for setting environmental goals. Our environmental management system purposefully implements the GODELMANN Group's environmental policy. Its continuous operational monitoring, combined with the management of production and waste balances and regular audits, identifies deviations in good time so that appropriate corrective measures can be taken. This corporate architecture supports the regionally based circular thinking pursued by our family and our employees. With a wide range of commitments at economic, ecological, and sociocultural levels, we are pursuing our goal of becoming Europe's most sustainable concrete block factory in a pioneering manner.

This environmental policy applies to the companies Godelmann GmbH & Co. KG, Naabkies GmbH & Co. KG, Freihölser Sand GmbH & Co. KG, and Beton-Poetsch GmbH & Co. KG, including all employees, locations, and technical facilities.

As a third-generation visionary entrepreneur, I personally oversee this path we have chosen.



Bernhard Godelmann Jr.
Fensterbach, October 24, 2024

Environmental management system

In our latest environmental statement dated March 19, 2025, our two sales locations in Kirchheim unter Teck and Berlin were newly added to the EMAS register.

Since the environmental indicators in the previous version were based on the year 2023 and therefore did not reflect the current status of our environmental performance, we decided to carry out the recertification originally planned for 2027 ahead of schedule. In this way, we want to ensure that our environmental statement is based on current and transparent data.

No fundamental changes to the environmental management system were identified between the initial monitoring and the current recertification. To promote a continuous improvement process, the latest environmental program also included measures that have no significant impact on environmental performance and are in some cases not quantifiable, but which contribute to the long-term development of our environmental management system.

In this context, it should be noted that the results of the materiality analysis do not fully correspond to the identified material environmental aspects. This deviation results from different perspectives and evaluation approaches that were used in the respective analyses.

Environmental aspects

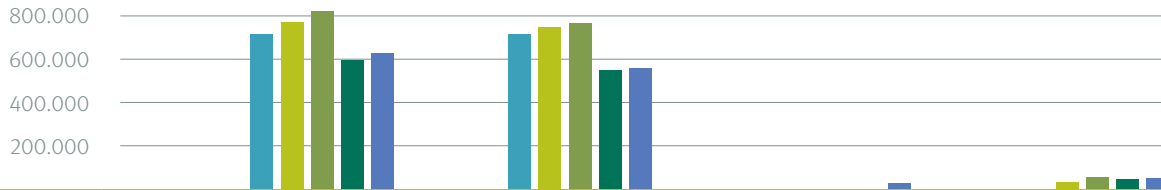
Due to the very short time frame, it has not yet been possible to complete the assessment of environmental aspects. The following table has therefore been taken from the latest environmental statement. The table below lists the environmental aspects that are significant for GODELMANN. The newly added locations in Kirchheim unter Teck and Berlin have no significant influence.

process	area(s)	environmental aspect	environmental impact	assessment of relevance
raw material procurement	Naabkies & Freihöls	combustion of diesel fuel for construction machinery	GHG emissions	26
raw material procurement	Naabkies & Freihöls	dust generated during processing and transport	dust emissions	28
raw material procurement	Naabkies & Freihöls	recultivation of mining sites	increase in biodiversity	21
production	in general	power consumption	GHG emissions	24
production	in general	storage and handling of water-polluting substances	possible emissions into soil and groundwater	23
production	paving/slab systems, finishing	noise generated by production machinery	noise emissions	24
production	paving systems, finishing	vibrations caused by production machinery	damage to the health of employees	17
production, scheduling	allgemeine Produktion, Verladung	working with forklifts (diesel, gas, and electric)	GHG emissions	23
production	general production, loading	O ₃ is released during coating	GHG emissions	17
production	manufacturing	heating the hall with wood chips	GHG emissions	23
sales	field service	combustion of diesel fuel in the passenger car fleet	GHG emissions	32
scheduling	transportation	burning LNG	GHG emissions	24
scheduling	transportation	burning diesel fuel	GHG emissions	31
service	publisher	sealing of surfaces	impact on biodiversity	21
product usage		absorption of CO ₂ from the air	reduction of GHG emissions	5*
recycling	crushing plant	impairment due to dust formation	dust emissions	23

*The relevance rating of 5 is due to the fact that this aspect cannot be influenced, as it involves a chemical reaction that cannot be interrupted.

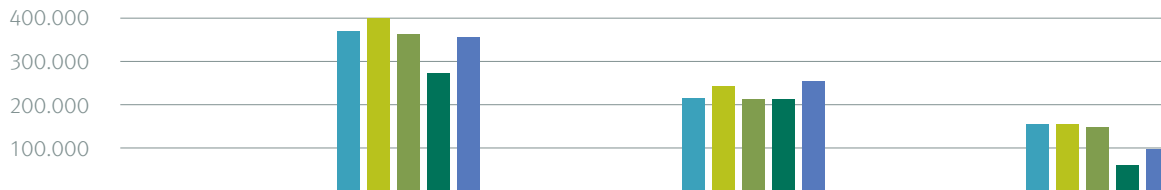
Environmental performance

1. Concrete tonnage produced / t



Year	Total	Fensterbach	Maitenbeth	Wonfurt
2020	716.418	716.418	0	0
2021	770.095	745.819	0	24.276
2022	819.373	766.127	0	53.246
2023	594.502	546.770	4.104	43.628
2024	631.253	565.158	17.950	48.145

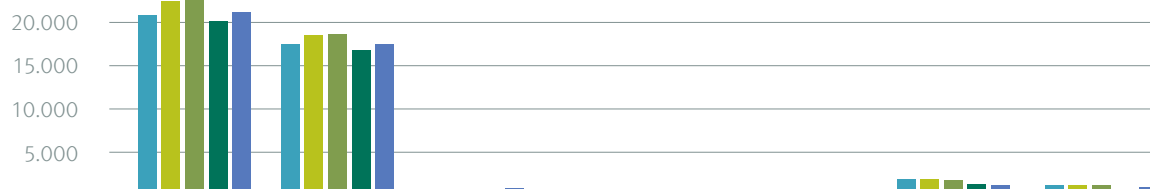
2. Tonnage extracted from mining operations / t



Year	Total	Freihölser Sand	Naabkies
2020	366.012	212.272	153.740
2021	396.312	241.468	154.844
2022	359.690	211.770	147.920
2023	271.712	211.260	60.452
2024	351.146	257.389	93.757

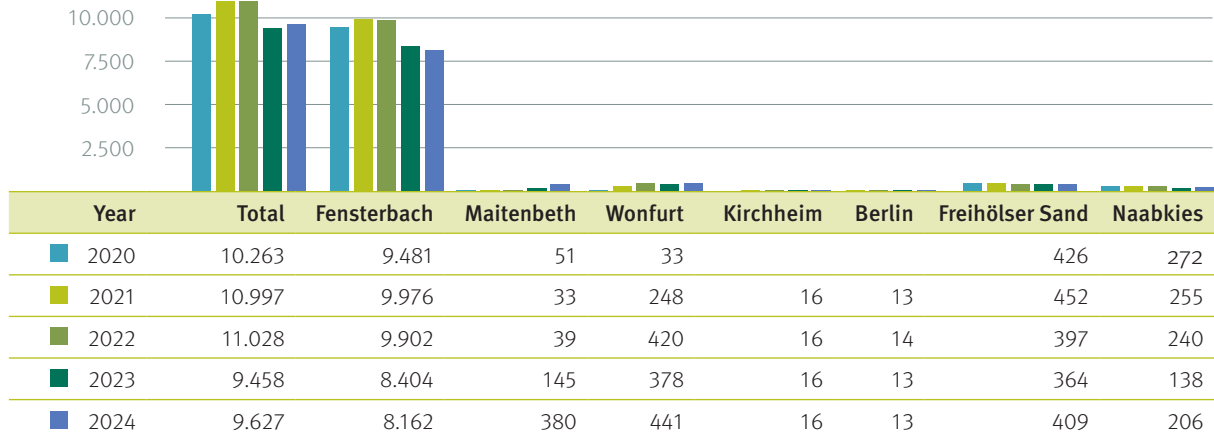
3. Energy consumption

3.1 Total energy consumption / MWh

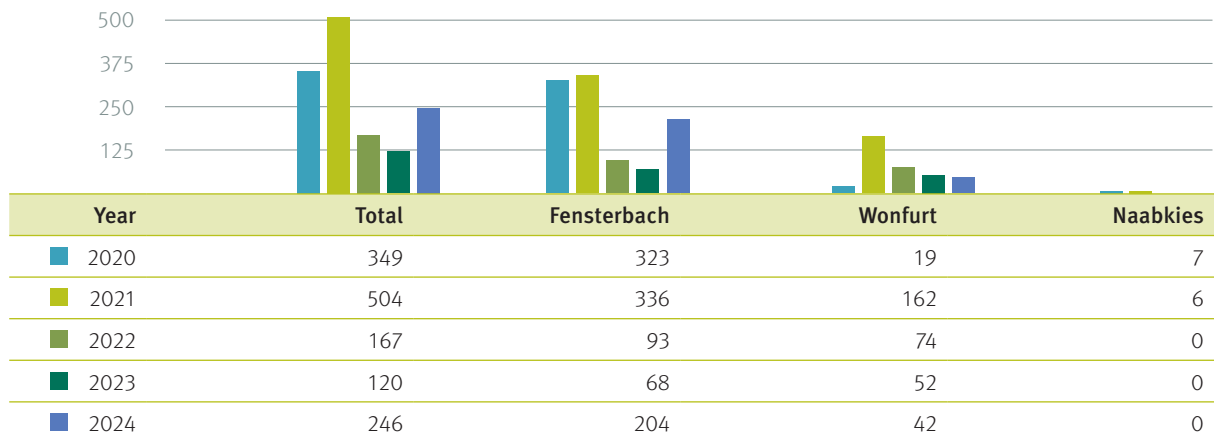


Year	Total	Fensterbach	Maitenbeth	Wonfurt	Kirchheim	Berlin	Freihölser Sand	Naabkies
2020	20.918	17.542	217	35			1.927	1.197
2021	22.571	18.603	190	411	269	43	1.880	1.175
2022	22.917	18.686	256	674	243	99	1.752	1.207
2023	20.291	16.844	645	609	266	56	1.351	520
2024	21.233	17.204	886	650	225	59	1.172	1.037

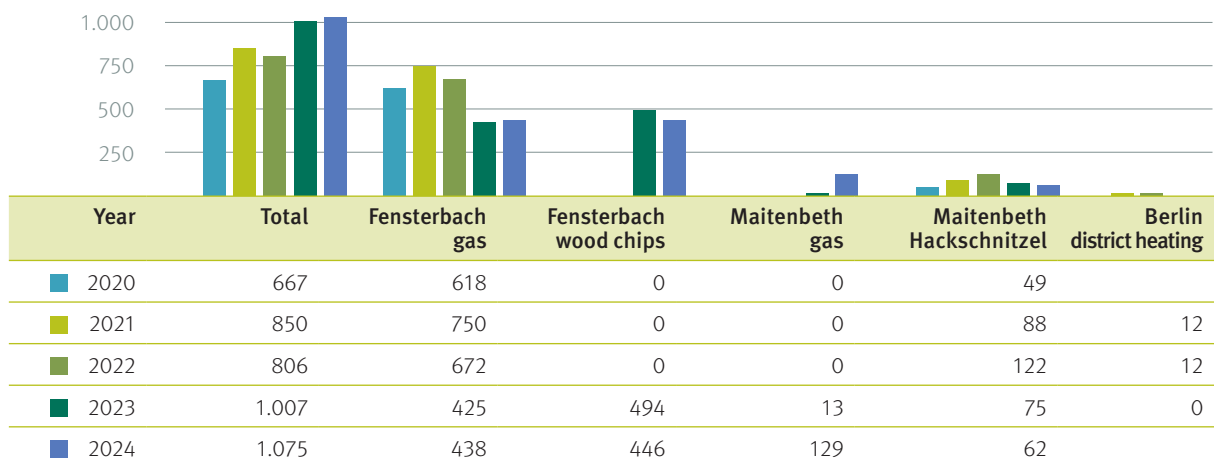
3.2 Electrical energy / MWh



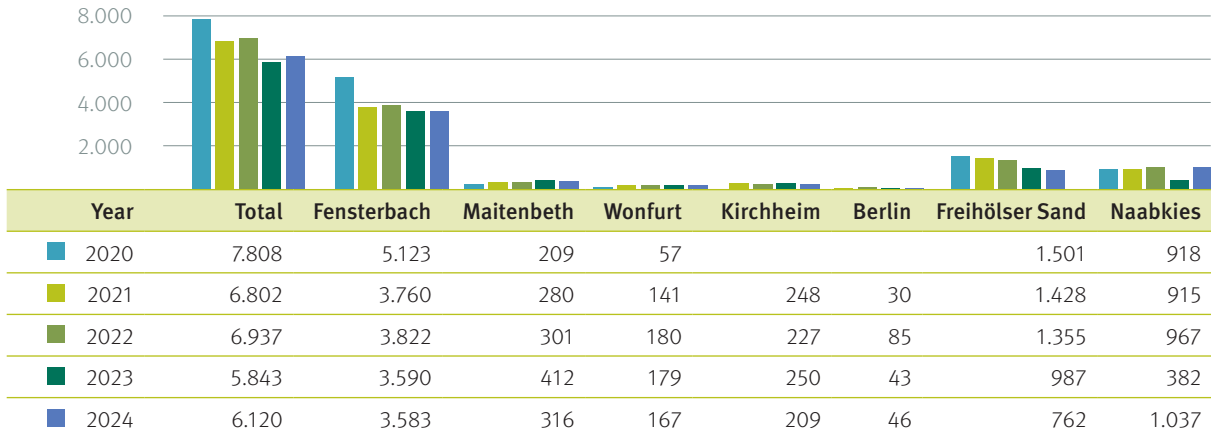
3.3 Heating oil consumption / MWh



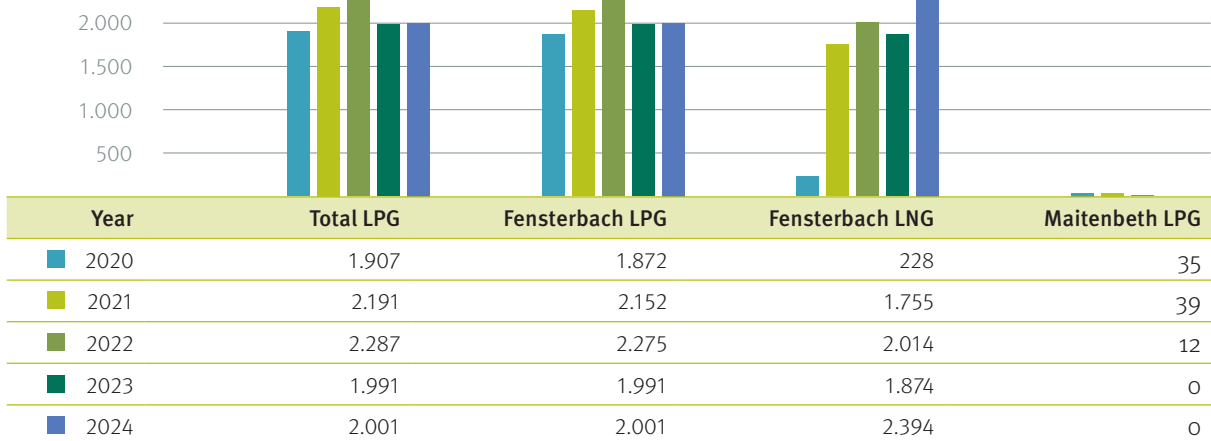
3.4 Liquid/propane gas, wood chips, and district heating for heating purposes / MWh



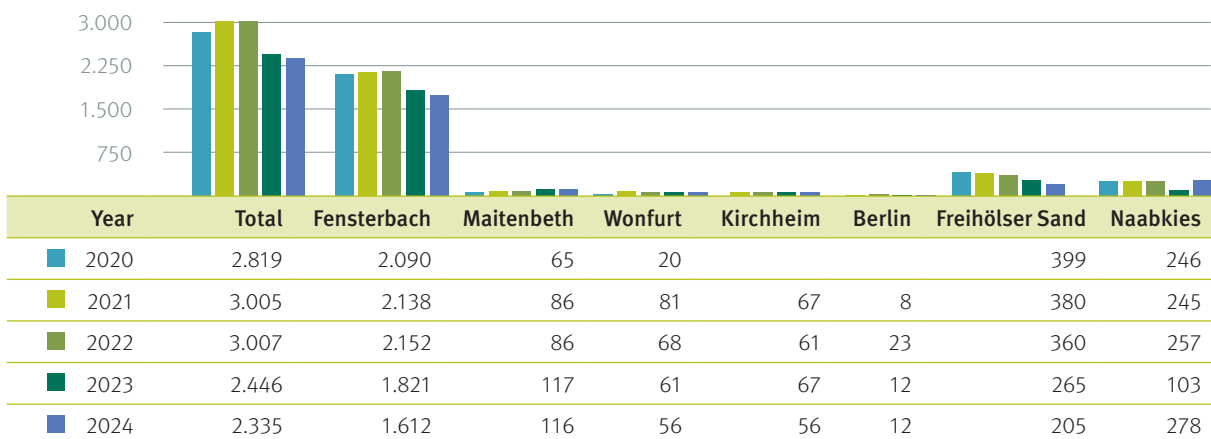
3.5 Diesel consumption / MWh



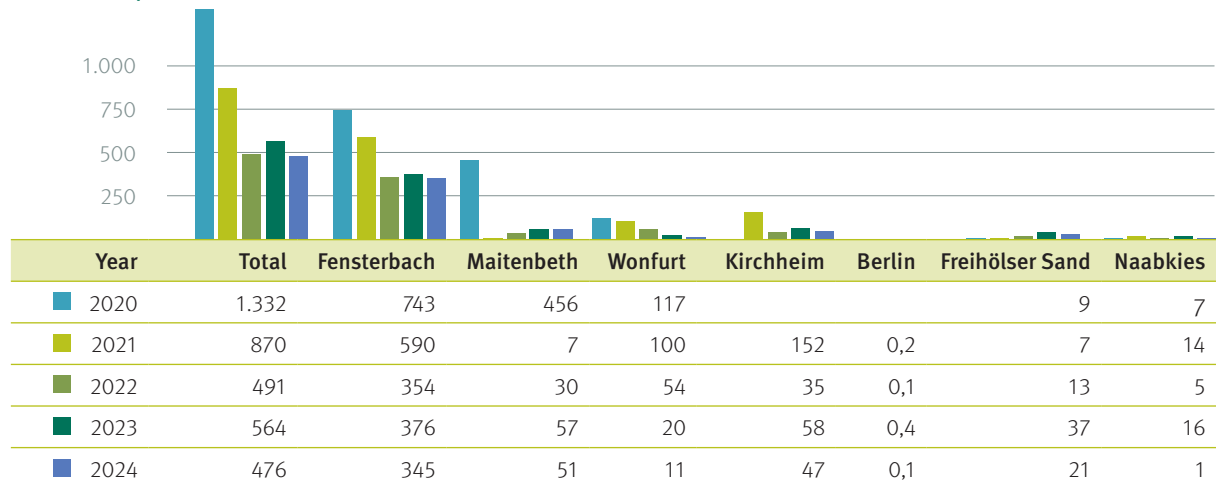
3.6 LPG and BIO-LNG / MWh



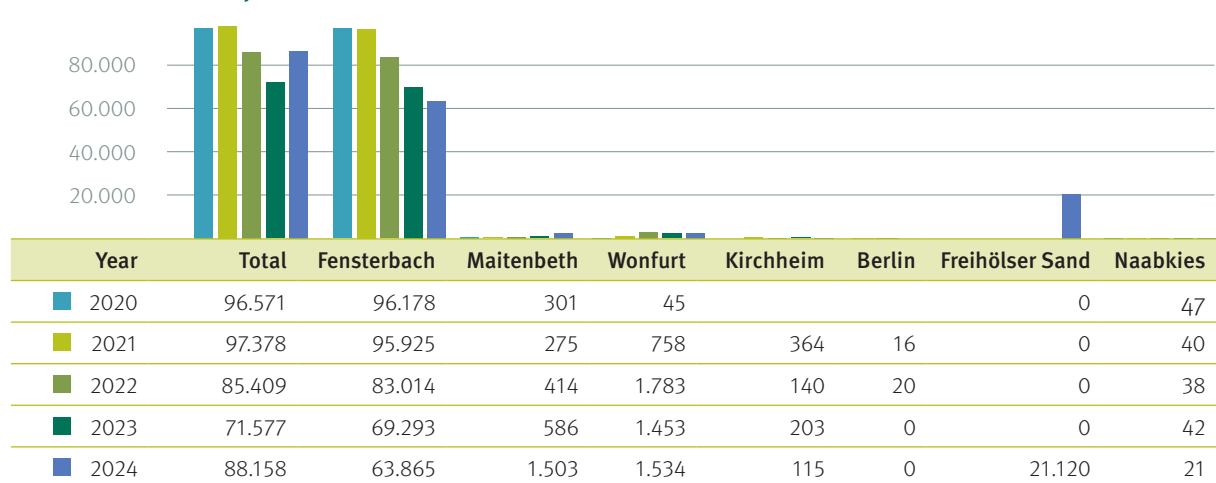
4. CO₂ emissions / t CO₂ eq



5. Waste / t

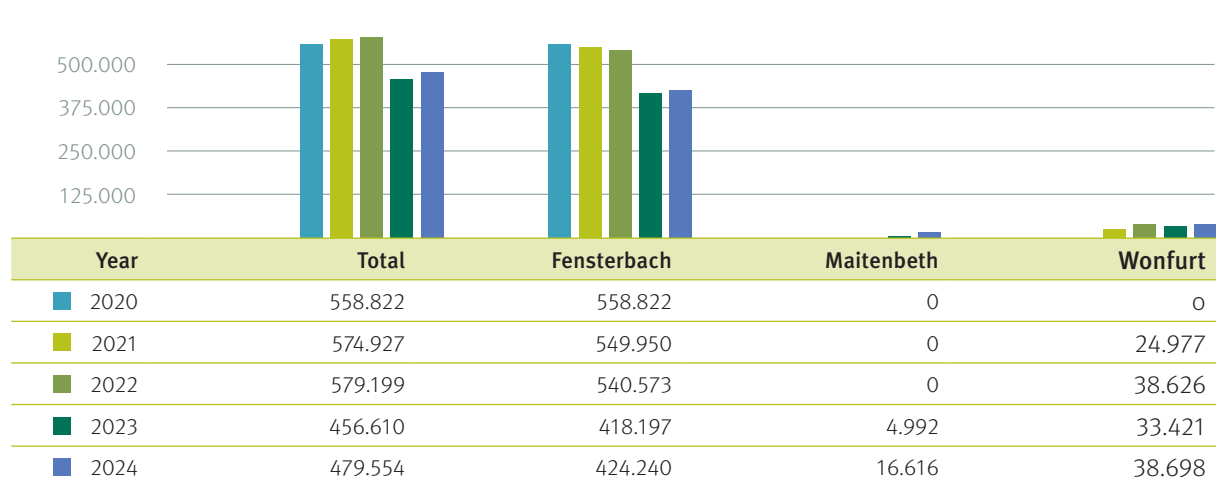


6. Water consumption / m³



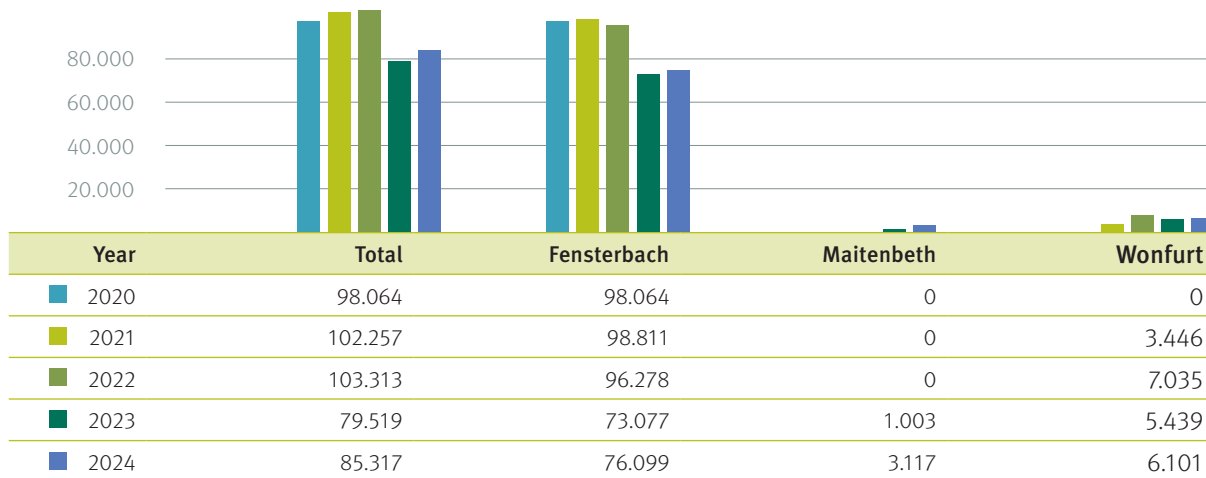
7. Key components

7.1 Mineral raw materials / t

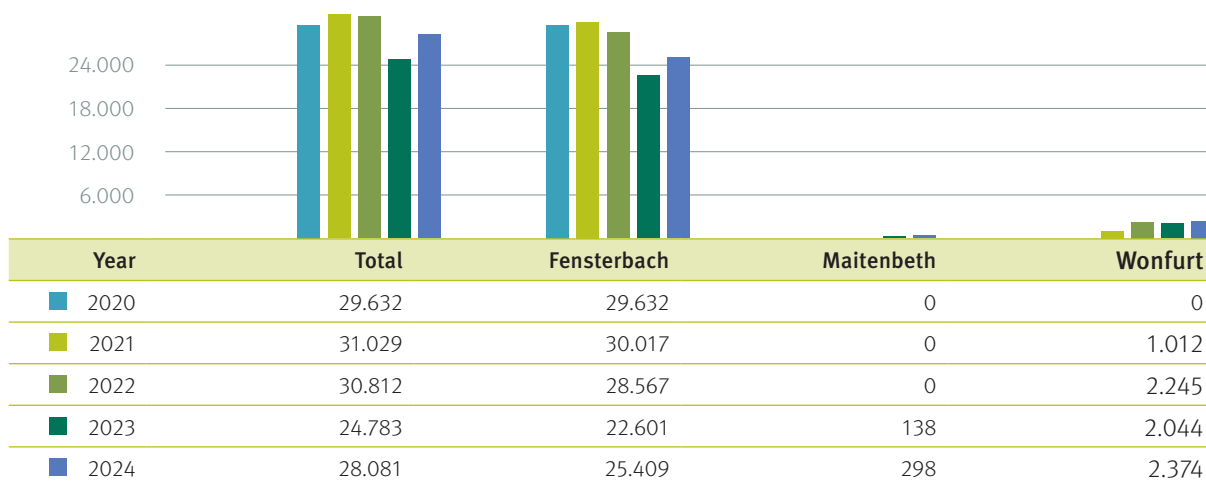


EMAS environmental statement

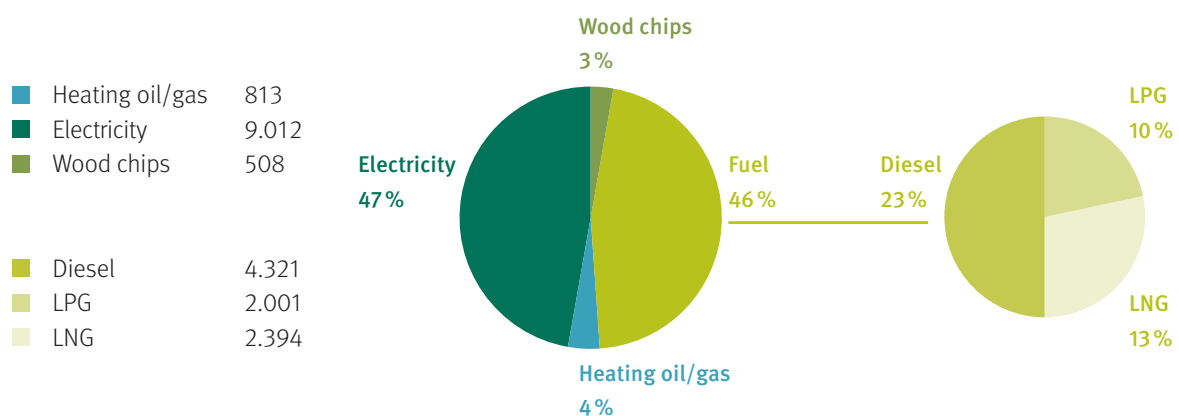
7.2 Cement / t



7.3 Fillers / Colors / Additives / t



Energy Distribution GODELMANN GmbH & Co. KG 2024



Key figures

	unit	2020	2021	2022	2023	2024
GODELMANN GmbH & Co. KG						
total energy consumption	MWh	18.098	19.720	19.925	18.421	19.048
tonnage produced	t	716.418	745.819	766.127	594.502	631.253
total energy consumption per quantity produced	kWh/t	25	26	26	31	30
renewable energy*	MWh	9.613	10.345	10.483	11.398	11.912
renewable energy as a percentage of total energy consumption	MWh/MWh	0,53	0,52	0,53	0,62	0,63
amount of key components used**	t	687.659	708.213	713.324	560.912	592.952
key components per quantity produced	t/t	0,96	0,95	0,93	0,94	0,94
water consumption	m ³	96.524	96.958	85.211	71.535	67.017
water consumption per quantity produced	m ³ /t	0,13	0,13	0,11	0,12	0,11
total amount of waste	t	1.316	697	438	512	455
total waste per quantity produced	kg/t	1,84	0,93	0,57	0,86	0,72
hazardous waste	t	11	12	35	14	30
total CO ₂ emissions	t CO ₂ eq	2.176	2.305	2.307	2.078	1.852
total CO ₂ emissions per quantity produced	kg CO ₂ eq/t	3,04	3,09	3,01	3,50	2,93
mining areas Freihölser Sand & Naabkies						
total energy consumption	MWh	3.124	3.055	2.959	1.870	2.415
quantities extracted	t	366.012	396.312	359.690	271.712	351.146
total energy consumption per quantity produced	MWh/t	0,009	0,008	0,008	0,015	0,007
renewable energy*	MWh	698	706	637	502	616
renewable energy as a percentage of total energy consumption	MWh/MWh	0,22	0,23	0,22	0,27	0,25
water consumption	m ³	47	40	38	42	21.141
water consumption per quantity produced	l/t	0,13	0,10	0,11	0,15	60,21
total amount of waste	t	17	20	19	54	22
total waste per quantity produced	kg/t	0,045	0,051	0,052	0,2	0,06
hazardous waste	t	0	1	2	0	0
total CO ₂ emissions	t CO ₂ eq	645	625	618	368	483
total CO ₂ emissions per quantity produced	kg CO ₂ eq/t	1,76	1,58	1,72	1,35	1,38

All key figures from 2020 to 2022 excluding the Kirchheim and Berlin sites

*Electrical energy, energy from wood chips, and BIO-LNG **Sand, gravel, crushed stone, cement, fillers, paints, and additives

Environmental program 2025

No.	Location	Measures	Date/Deadline	implemented
1.0 Goal: Reduction in transport				
1.1	Freihöls	Construction of an underfloor extraction system for feeding raw materials to the plant engineering system	Dec 25	
1.2	Freihöls	Purchase of a conveyor belt for transport to the stockpile	Dec 25	
1.3	Freihöls	Final filling of sludge pond	Dec 25	
1.4	Fensterbach	Closure of mailbox in Schafhof to save on trips	Jan 25	✓
2.0 Goal: CO₂ reduction				
2.1	Fensterbach	Research into maximizing CO ₂ sequestration during the concrete curing process	Dec 26	
2.2	Fensterbach	Research into concrete formulations with metakaolin	Dec 30	
2.3	Fensterbach	Testing CO ₂ -free cement	Dec 25	✓
2.4	Berlin	Consideration of using an electric car	Dec 25	
2.5	Fensterbach	Conversion from CEM II AS to CEM II BS	Mar 25	✓
2.6	Fensterbach	Conversion of own truck fleet from diesel to bio-LNG	Dec 30	
3.0 Goal: conservation of resources				
3.1	Maitenbeth	Rental of a mobile crushing plant	Dec 25	
3.2	Fensterbach	Reduction in fresh water consumption through improved treatment of industrial water	Dec 28	
3.3	Freihöls	Improving the use of rainwater	Dec 26	
3.4	Fensterbach	Purchase of a CNC woodworking machine	Jan 26	
3.5	Fensterbach	More efficient dry grinding	Jan 26	
3.6	Wonfurt	Improve air circulation in the drying chamber	Dec 25	
3.7	Fensterbach	Dimension the mesh for the intermediate layer so that it is no larger than the stone layer	Sep 25	
3.8	Fensterbach	Set the cords between the layers as short as possible	Dec 25	
3.9	Fensterbach	Use used film several times for packaging blanks	Jun 25	
3.10	Fensterbach	Tablets for forklifts	Dec 25	
3.11	Fensterbach	Use 100% more recycled material in our products	Dec 30	
4.0 Ziel: Energieeffizienz				
4.1	Fensterbach	Reduce idle times of the crusher plant	Dec 25	
4.2	Fensterbach	System setup for locating and repairing compressed air leaks	Dec 25	
4.3	Fensterbach	KNX system for all factory lighting	Dec 30	
4.4	Alle Standorte	Raising employee awareness through regular training sessions	Dec 25	
4.5	Fensterbach	Construction of a new raw materials processing center	Dec 30	
4.6	Fensterbach	Construction/replacement of a new mixing plant in the factory	Sep 25	
4.7	Fensterbach	Considerations regarding the purchase of battery storage systems	Dec 26	
5.0 Goal: Waste reduction				
5.1	Alle Standorte	Raising employee awareness through training courses	Dec 25	
5.2	Fensterbach	Wood chip shredder to make full use of wood waste from formwork and pallets	Feb 25	✓
5.3	Maitenbeth	Using shredded paper as packaging for Amazon shipments	Feb 25	✗
6.0 Goal: Power supply				
6.1	Fensterbach	energy storage	Dec 25	
6.2	Kirchheim	Consideration of installing a PV system on the office building	Dec 25	

No.	Location	Measures	Date/Deadline	implemented
7.0	Goal: Active environmental protection			
7.1	Fensterbach	Noise reduction Hess IV	Dec 25	
7.2	GODELMANN, Naabkies, Freihöls	Nature on loan	Jun 25	✓
7.3	Naabkies	Development of a concept for the sustainable increase of biodiversity	Dec 27	
7.4	alle Standorte	100% increase in sales for GDM.KLIMASTEIN by 2024	Dec 26	

Implementation of measures in 2025

Measures implemented from January to May 2025.

Post office box in Schafhof has been closed

By closing the mailbox, a total of 12 km per day can be saved on daily travel. Based on 250 working days, this amounts to a distance of 3000 km per year. With an average consumption of 6.8 liters per 100 km, this means that 204 liters of diesel can be saved annually. This corresponds to a saving of 0.54 t CO₂ eq per year.

Testing CO₂-free cement

Production using CO₂-free cement is feasible on a large scale.

Conversion from CEM II AS to CEM II BS

By switching from CEM II AS to CEM II BS, we are reducing the product carbon footprint (PCF) of our bricks. This is because the production of one ton of CEM II BS releases almost 15% less CO₂ eq than CEM II AS.

Purchase of wood chip shredders for wood waste from formwork construction and irreparable Euro pallets

A mobile shredder was rented for the production of our wood chips, which was brought to our factory premises twice a year by two trucks on request. By purchasing our own wood chip shredder, Scope 3 emissions from transporting the equipment can be completely avoided.

Using shredded paper as packaging for Amazon shipments

This measure has been reviewed and is not feasible for data protection reasons.

Nature on loan

Since April 17, 2025, we have been an active contractual partner in the Natur auf Zeit (Nature for a Limited Time) project with our two mining sites, Freihöls Sand GmbH & Co. KG and Naabkies GmbH & Co. KG. The other parties to the agreement are the LBV, the higher nature conservation authority, and the lower nature conservation authority. The background to the project is that nature conservationists and mining companies are working closely together under contractual agreements to implement measures for the protection and development of amphibians in gravel, sand, and clay pits, etc.

Confirmation of compliance with legal requirements

Legal compliance is ensured through the maintenance and regular updating of a legal register and an approval register. Compliance within the company is continuously monitored through regular inspections by the environmental management officer, the occupational safety specialist, and the waste management officer, as well as through internal and external audits. The laws that are essential for us in this regard are the Closed Substance Cycle Waste Management Act, the Federal Immission Control Act, and the Water Resources Act with the associated ordinances.

Statement by the environmental verifier on the verification and validation activities

The undersigned, Günter Jungblut, EMAS environmental verifier with registration number DE-V-0056, accredited for the field of „Extraction of gravel, sand, clay, and kaolin“ (NACE Code 08.12) and „Manufacture of concrete, cement, and sand-lime products for construction“ (NACE Code 23.61), confirms that he has assessed whether the sites, as stated in the environmental statement, meet all the requirements of Regulation (EC) No. 1505/2017 of the European Parliament and of the Council of August 28, 2017, on the voluntary participation of organizations in a Community eco-management and audit scheme (EMAS).

By signing this declaration, it is confirmed that

- the assessment and validation were carried out in full compliance with the requirements of Regulation (EC) No. 1505/2017,
- the result of the assessment and validation confirms that there is no evidence of non-compliance with applicable environmental regulations.
- the data and information in the environmental statement for the sites provide a reliable, credible, and truthful picture of all the organization's activities within the scope specified in the environmental statement.

This declaration cannot be equated with EMAS registration. EMAS registration can only be carried out by a competent body in accordance with Regulation (EC) No. 1505/2017. This declaration may not be used as a basis for informing the public on its own. The sustainability information was derived from the ESRS checklists and has not been validated. Validation covers the information marked with a green border.

Fensterbach,
June 2, 2025

Günter Jungblut
Environmental Consultant
Baybachstr. 14c, 56281 Emmelshausen,
Germany

Sustainability report based on ESRS

With this future report, GODELMANN is publishing a sustainability report based on the European ESRS criteria for the first time, in addition to its EMAS environmental statement. We are carrying out this reporting on a voluntary basis, as GODELMANN is not yet subject to any legal reporting obligations.

The reporting is based on the materiality analysis on page 40, which defines the criteria relevant to GODELMANN in the areas of environment, social, and governance.

The figures in the ESRS report currently refer to the years 2023 and 2024.

For the sake of simplicity, we would like to refrain from using gender forms in the following, but emphasize that this is not intended to be discriminatory in any way.

ESRS 2 – General information

Fundamentals	BP-1	General principles for preparing the sustainability statement	<p>The sustainability report has been prepared in accordance with the ESRS standard on a voluntary basis. The appendix refers to our locations in Fensterbach, Maitenbeth, Wonfurt, Kirchheim, and Berlin. The subsidiaries of GODELMANN GmbH & Co. KG, such as the mining operations and foreign subsidiaries, are only taken into account to a limited extent. The report is based on the figures from 2023 and the data available for 2024 at the time of preparation.</p> <p>A materiality analysis was conducted in advance. Specific financial details regarding our measures are not disclosed due to business confidentiality. Our value chain is addressed in a topic-specific manner throughout the report; however, for the sake of clarity, not all upstream and downstream processes are described.</p>
	BP-2	Information relating to specific circumstances	We have gathered the information for the sustainability report and the values presented therein to the best of our knowledge and belief. The information is as accurate as reasonably possible. The data was collected through internal surveys.
Corporate governance	GOV-1	The role of administrative, management, and supervisory bodies	<p>GODELMANN GmbH & Co. KG is a family-run concrete block company headquartered in Fensterbach in the Upper Palatinate region of Germany. Since our founding in 1947, we have continued to grow and develop, and now have three production sites and two sales locations throughout Germany. The GODELMANN Group also includes two quarries, another concrete block company, a design factory, and a sales location in Czechia.</p> <p>The company structure is based on the service processes of raw material procurement, paving stone and slab production, finishing, manufacturing, and sales. The management team consists of Bernd Godelmann Sr., Bernd Godelmann Jr., Silvia Godelmann, and Felix Köbele.</p>
	GOV-2	Information and sustainability aspects addressed by the company's administrative, management, and supervisory bodies	Sustainability is an ongoing topic in our departments. Our department heads and employees contribute many of their own ideas in constant consultation with management, which are then implemented as part of our environmental program. In addition, measures are developed using the FLIPO matrix and presented to management on an ongoing basis for discussion, consideration, and implementation.
	GOV-3	Inclusion of sustainability-related performance in incentive systems	Sustainability-related performance is currently taken into account in our company suggestion scheme. Our company is always guided by the principles of sustainability and acts to the best of its knowledge and belief. Measures to improve these aspects are a high priority in our corporate culture.
	GOV-4	Declaration of due diligence	We continuously monitor our own environmental impact and measures. We see it as our duty to record annual improvements within the framework of EMAS and to identify opportunities and risks through internal and external audits.
	GOV-5	Risk management and internal controls for sustainability reporting	Internal controls of our reporting are carried out by our various departments. The voluntary preparation of the sustainability report is based on the guidelines of the ESRS standard and will be continuously expanded and improved in the coming years.

Strategy	SBM-1 Strategy, business model, and value chain	<p>Our business model is based on the production and sale of concrete block products. We offer a wide range of products for the construction and building materials sector, which are manufactured both in series and individually in our concrete factory. Continuous innovation and sustainability are high priorities in our company. We invest heavily in new technologies and processes in order to optimize our productivity and develop environmentally friendly solutions. Our value chain encompasses the procurement of raw materials from our region, the production, further processing, and refinement of our products, and delivery using our own fleet of trucks and shipping companies.</p> <p>Our goal is to remain the quality leader. For this reason, our production strategy focuses on innovative development and modern manufacturing of high-quality concrete products.</p> <p>Our customers include municipalities, architects, construction companies, landscape designers, and private customers who require high-quality concrete products for various construction projects. We mainly operate in Germany, but we also maintain contacts with customers throughout Europe.</p> <p>Our corporate policy is people-oriented. Customer and employee focus as well as social responsibility are implemented through open communication, participation, and co-determination.</p> <p>Our sustainability strategy is based on climate-neutral production (Scope 1+2) achieved through compensation, the cradle-to-cradle principle, innovative product ideas, and the use of regional raw materials, as well as the protection and sustainable use of ecosystems.</p>																	
	SBM-2 Interests and viewpoints of stakeholders	<table border="1"> <thead> <tr> <th data-bbox="762 1093 986 1167">Stakeholder</th> <th data-bbox="986 1093 1209 1167">Challenges/Reference</th> <th data-bbox="1209 1093 1430 1167">How are results taken into account?</th> </tr> </thead> <tbody> <tr> <td data-bbox="762 1167 986 1205">Management</td> <td data-bbox="986 1167 1209 1205" rowspan="7">Our stakeholders are encouraged to contact their respective representatives directly if they have any suggestions or problems.</td> <td data-bbox="1209 1167 1430 1491" rowspan="7">Requirements from our stakeholders that can be implemented in the short term are implemented as quickly as possible. Measures or goals are recorded in the stakeholder analysis and thus continuously monitored.</td> </tr> <tr> <td data-bbox="762 1205 986 1243">Employees</td> </tr> <tr> <td data-bbox="762 1243 986 1281">Customers</td> </tr> <tr> <td data-bbox="762 1281 986 1355">Suppliers/ service providers</td> </tr> <tr> <td data-bbox="762 1355 986 1393">Freight forwarders</td> </tr> <tr> <td data-bbox="762 1393 986 1431">Investors</td> </tr> <tr> <td data-bbox="762 1431 986 1491">Public</td> </tr> <tr> <td data-bbox="762 1491 986 1659">Stakeholder analysis</td> <td data-bbox="986 1491 1209 1659">Within the framework of EMAS, all stakeholder challenges are documented in a stakeholder analysis together with a risk-opportunity analysis and possible approaches, objectives, and measures relating to the stakeholders.</td> <td data-bbox="1209 1491 1430 1659"></td> </tr> </tbody> </table>	Stakeholder	Challenges/Reference	How are results taken into account?	Management	Our stakeholders are encouraged to contact their respective representatives directly if they have any suggestions or problems.	Requirements from our stakeholders that can be implemented in the short term are implemented as quickly as possible. Measures or goals are recorded in the stakeholder analysis and thus continuously monitored.	Employees	Customers	Suppliers/ service providers	Freight forwarders	Investors	Public	Stakeholder analysis	Within the framework of EMAS, all stakeholder challenges are documented in a stakeholder analysis together with a risk-opportunity analysis and possible approaches, objectives, and measures relating to the stakeholders.			
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	SBM-3 Significant impacts, risks, and opportunities and their interaction with strategy and business model	All relevant interactions within our business model are specifically referenced in the individual subject areas below.																	

ESRS report

Management of impacts, risks, and opportunities	IRO-1	Description of the process for identifying and assessing significant impacts, risks, and opportunities	Based on the materiality analysis, it was determined that points E2, E3, S2, and S3 are not particularly relevant to our company. The identified impacts, risks, and opportunities are continuously evaluated by management and translated into operational and strategic measures.
	IRO-2	Disclosure requirements contained in ESRS and covered by the company's sustainability statement	Our disclosures originally comply with EMAS disclosure requirements. However, we have decided to extend the disclosures to the ESRS standard on a voluntary basis. Therefore, we do not consider ourselves obliged to disclose all items subject to disclosure.
Minimum disclosure requirements	MDR-P	Strategies for dealing with key sustainability issues	Strategies for dealing with key sustainability issues are not defined.
	MDR-A	Measures and resources relating to key sustainability aspects	Measures implemented and resources allocated in relation to key sustainability aspects are shown in this report with regard to the various areas in accordance with the ESRS standard.
	MDR-M	Parameters relating to key sustainability aspects	All key figures and parameters mentioned in the report are validated by our environmental verifier.
	MDR-T	Tracking the effectiveness of strategies and measures through targets	Specific targets for tracking the effectiveness of cross-company strategies and measures are not defined. However, our individual projects within the framework of our environmental program are monitored and evaluated in terms of expected time-related and practical targets during and after their implementation.
E1 Climate Change			
E1-1	Transition plan for climate protection		This data is relevant according to the materiality analysis, but is not recorded.
ESRS 2-SBM 3	Significant impacts, risks, and opportunities and their interaction with strategy and business model		Climate change is a high priority in our business model. The development and implementation of products such as GDM.KLIMASTEIN, which helps improve the urban climate and reduce environmental pollution, are examples of proactive measures we are taking to adapt to changing environmental conditions. Our products help to mitigate the negative effects of climate change and improve the quality of life in urban areas. We continuously monitor the impact of our business activities on climate change. Measures to reduce greenhouse gas emissions, such as optimizing our concrete formulations, for example by using cement substitutes, continue to reduce the product-specific carbon footprint.
ESRS 2-IRO 1	Description of the process for identifying and assessing climate-related material impacts, risks, and opportunities		Together with our partners, we prepare an annual climate balance sheet to monitor our greenhouse gas emissions and the effectiveness of our measures. The climate balance sheet is certified by TÜV Rheinland. We can identify the climate-related impacts of our environmental aspects by implementing the FLIPO matrix at our sites and evaluate them as part of a risk-opportunity analysis. Continuous improvement processes contribute to further reducing fossil greenhouse gas emissions at all locations.

E1-2	Strategies related to climate protection and adaptation to climate change	All requirements of ISO 14068 must be met. To achieve this, we are continuously implementing energy efficiency measures. These include projects to improve the energy efficiency of machines and systems and the conversion of our vehicle fleet from diesel to LNG. Our employees have the opportunity to participate in specific training courses to raise awareness of climate-neutral behavior. The reduction of greenhouse gas emissions at all locations is being steadily driven forward through the use of new and more efficient technologies. We are also involved in projects outside the value chain to enable the offsetting of unavoidable Scope 1 and Scope 2 emissions.
E1-3	Measures and resources related to climate protection measures	As part of our environmental program, we are implementing the following measures, among others, to increase energy efficiency and reduce CO ₂ emissions:
	Production	The oldest paving stone machine was shut down at the Fensterbach site. In Wonfurt, a mixer was replaced, among other things, which is now better suited to production requirements. This means that less energy is required for operation and less concrete waste is produced. Long delivery routes and greenhouse gas emissions from trucks have been minimized thanks to the commissioning of a highly efficient, state-of-the-art panel production facility at the Maitenbeth site.
	Vehicle fleet	In the area of mobility, the conversion of the truck fleet from diesel to LNG was further advanced. At the same time, tests were carried out with electric forklifts. In addition, there are plans to switch from LNG to bio-LNG in the future in order to further reduce the emissions of the vehicle fleet.
	Employees	Our employees took advantage of training courses offered by our waste management officer or compressed air training courses to improve their climate-neutral practices. Various employee events on the topic of sustainability were held, such as Ramadama and a tree planting campaign.
	Energy	By using our own wood chip heating system in Fensterbach, we have been able to reduce our consumption of fossil fuels and thus cut emissions. Building a roof over the wood chip storage area has enabled us to generate a higher calorific value. The continuous use of green electricity and the expansion of our PV systems are further areas in which we are reducing our emissions.
	Innovative product development	<p>1. zeroC – cement-free paving stone: In 2023, we launched the zeroC paving stone, which completely eliminates cement as a binding agent in the core concrete. This innovation reduces CO₂ emissions by up to 80% compared to conventional cement-bound building materials.</p> <p>2. The GDM.KLIMASTEIN is our solution for climate-resilient cities. The three-layer paving stone actively contributes to maintaining the natural water cycle by unsealing surfaces, allowing water to seep away locally, storing it, and releasing it back into the ambient air. At the same time, it cools the microclimate through evaporation. On December 4, 2023, GDM.KLIMASTEIN was awarded the Federal Ecodesign Prize in the product category. This award recognizes the outstanding ecological quality of the paving stone, which is fully recyclable and contributes to improving the urban climate.</p>
	Data collection	Data collection has been continuously expanded and improved at all locations. This enables specific data collection and facilitates access to the data.

ESRS report

E1-4	Goals related to climate protection and adaptation to climate change		Targets relating to climate protection and adaptation to climate change are described in the EMAS environmental statement on page 53.			
			2023		2024	
E1-5	Energy consumption/mix	Fuel consumption from petroleum and petroleum products	4.594	MWh	4.567	MWh
		Fuel consumption from natural gas	3.790	MWh	2.568	MWh
		Total fossil energy consumption	8.384	MWh	7.135	MWh
		Share of fossil fuels in total energy consumption	45	%	37	%
		Fuel consumption from renewable energy sources	1.081	MWh	2.902	MWh
		Consumption of purchased electricity	8.956	MWh	8.108	MWh
		Consumption of purchased district heating	15	MWh	noch nicht verfügbar	
		Total consumption of renewable energies	10.052	MWh	11.912	MWh
		Share of renewable energies in total energy consumption	55	%	63	%
		Total energy consumption	18.436	MWh	19.048	MWh
E1-6	Gross scopes 1, 2, 3, and total GHG emissions in tCO ₂ eq	Scope 1	2.053	tCO ₂ eq		
		Scope 2 (mb)	2	tCO ₂ eq		
		Scope 3	93.458	tCO ₂ eq		
		Total based on location	99.139	tCO ₂ eq		
		Total market-based	95.513	tCO ₂ eq		
		Sectors with high climate impact	We identify the greatest environmental impact in the area of vehicle fleets due to diesel and LPG consumption.			
E1-7	GHG removal and GHG reduction projects financed by emission credits	Projects outside the value chain	We offset unavoidable CO ₂ emissions by supporting social climate protection projects. We are currently promoting the „Stoves for Life“ project in cooperation with the climate protection experts at myclimate. The aim of the project is to support families living near the Kakamega rainforest by purchasing efficient ceramic cookers for them. The cooking stoves have a clean combustion process and therefore emit less soot. This can reduce respiratory infections in women and children. Greenhouse gas emissions are reduced due to decreased deforestation and reduced use of firewood.			
		Total tCO ₂ eq (corresponds to Scope 1+2)	2023	2.055 tCO ₂ eq		
		Avoid, reduce, compensate	We act in accordance with ISO 14068 guidelines to ensure the correct handling of greenhouse gas emissions. 1. We avoid emissions by, among other things, expanding our factory's own PV systems and searching for suitable energy storage solutions for the energy generated. 2. Wir reduce emissions through measures such as converting our truck fleet from diesel to LNG and using wood chip heating. 3. Wir compensate unavoidable emissions by supporting climate protection projects with our partner myclimate. We take this approach very seriously, which is why all our climate protection projects are certified according to the Gold Standard and monitored by TÜV Rheinland.			
E1-8	Internal CO ₂ pricing	There is no internal CO ₂ pricing				
E1-9	Expected financial impact of significant physical risks and transition risks, as well as potential climate-related opportunities	This data is relevant according to the materiality analysis, but is not recorded.				

E4 Biodiversity and Ecosystems

E4-1	Transformation plan and consideration of biodiversity and ecosystems in strategy and business model	We pursue a comprehensive sustainability strategy that also includes the protection of biodiversity and ecosystems. We focus on environmentally friendly products and production processes that conserve and promote natural habitats. We actively prevent insufficient awareness of biodiversity among our employees. In addition, as an eco-account operator, we create ecologically valuable areas in our region that are monitored by the Free State of Bavaria.
ESRS 2- SBM 3	Impact, risks, and opportunities of the material	We are committed to protecting biodiversity and ecosystems and have a positive impact on biological diversity. Soil sealing is a well-known problem in the construction and building materials sector. By developing water-permeable products, we are addressing this problem and thus reducing soil sealing in urban areas. As a result, flooding and the urban heat island effect are actively prevented. We take biodiversity-sensitive areas near our sites into consideration and therefore pay close attention to treating nature and the species found there in an environmentally friendly manner.
ESRS 2- IRO 1	Processes for identifying and assessing the impact of the material on biodiversity and ecosystems, as well as risks and opportunities	We conduct regular risk and opportunity analyses at all our sites using the FLIPO matrix to identify potential environmental impacts and develop appropriate measures to mitigate these risks. These analyses cover both transition risks (e.g., regulatory changes) and physical risks (e.g., impacts on biodiversity from our own business activities).
E4-2	Strategies relating to biodiversity and ecosystems	<p>As a company, we are just as dependent on a healthy planet with intact ecosystems as each and every one of us. The protection and sustainable use of the various ecosystems are therefore directly anchored in our sustainability strategy. Issues such as land use, groundwater protection, and air pollution control play an important role in the development of proactive land use systems.</p> <p>Since 2019, we have been one of the LfU's recognized eco-account operators. On the eco-account areas, we attach great importance to high-quality implementation of measures, targeted maintenance, and professional monitoring so that the respective nature conservation goals can be achieved and secured in the best possible way with a sustainable effect on biodiversity.</p>

ESRS report

E4-3 Measures and resources related to biodiversity and ecosystems	Product development	<p>When developing our products, we place great importance on creating sustainable and environmentally friendly solutions. For example, our proactive products unseal the soil when installed and allow precipitation to seep away on the spot. This preserves the soil's function, which is particularly important for nature and its inhabitants (worms, insects). It also helps to counteract the urban heat island effect. On the other hand, our products relieve the burden on cities during heavy rainfall events or help to counteract the urban heat island effect through water storage.</p> <p>In our stone laboratory, we carry out continuous testing and quality control to ensure, improve, and develop new products in order to optimally adapt them to the needs of ecosystems.</p>		
	Eco-account operator	<p>As part of the eco-account, we evaluate suitable areas in terms of nature conservation and store the value points achieved in accordance with the BayKompV. We are currently carrying out forest conversion measures in the municipalities of Freudenberg, Pfreimd, and Freihung. In addition, ponds have been created in Stulln and Freihung.</p>		
	Protected areas	<p>Im Umkreis von einem Kilometer um das Werksgelände in Fensterbach befindet sich ein Trinkwasserschutzgebiet. Daher achten wir auf die sichere Lagerung und den bewussten Umgang mit wassergefährdenden Stoffen.</p> <p>Das Werksgelände in Wonfurt liegt direkt am Main. Ein Teil des Werksgeländes ist als Hochwasserschutzgebiet ausgewiesen. Der Standort der Betriebs- und Produktionsanlagen ist davon jedoch nicht betroffen, da sie außerhalb des Gefährdungsbereiches liegen. Zudem befindet sich neben dem Werksgelände eine extensiv genutzte Grünfläche, die ein ausgewiesenes Fauna-Flora-Habitat-Gebiet (FFH-Gebiet) sowie ein Vogelschutzgebiet ist. Die Wahrung und Berücksichtigung dieser Schutzgebiete sind für uns von großer Bedeutung.</p>		
	Biodiversity at our locations	<p>Our locations are ecologically enhanced by idea gardens. By embedding the idea gardens in natural environments, they offer many design options to support natural flora and fauna. This promotes biodiversity by creating habitats for various plant and animal species. The green spaces are habitats for insects, birds, lizards, rabbits, and other animals.</p> <p>Furthermore, four bee colonies at our site in Maitenbeth are part of our biodiversity initiatives. Here, we have created a large flowering meadow for the colonies. In Fensterbach, we support the local storks by providing a nest on one of our transformer stations.</p> <p>We are particularly proud to be able to successfully pass on our commitment and responsibility towards our ecosystems to our employees. Through joint tree planting campaigns or Ramadama, we can raise our employees' awareness of the need to treat biodiversity with care.</p>		
E4-4 Biodiversity and ecosystem goals	<p>We want to continue protecting and supporting local species at our locations. In our idea gardens, we want to continue raising our customers' awareness of how to treat our native ecosystems properly by installing information boards. Research into new concrete formulations using alternative, biodiversity-sensitive raw materials is being further advanced and expanded in our laboratory. Further Ramadama and tree planting campaigns with our employees are already being planned.</p>			
E4-5		2023	2024	
Impact indicators related to changes in biodiversity and ecosystems	Total land use	523.271 m ²	523.271 m ²	
	Total sealed area	320.673 m ²	331.594 m ²	
	Key figures regarding populations	Bee colonies in Maitenbeth: 4	Rabbits in Fensterbach: between 3 and 5 Storks in Fensterbach: 2	Insects, lizards, birds in gardens of ideas: numerous
E4-6 Expected financial impact from material biodiversity and risks and opportunities related to ecosystems	This data is relevant according to the materiality analysis, but is not recorded.			

E5 Resource use and circular economy

ESRS 2- IRO 1	Description of the process for identifying and assessing the significant impacts, risks, and opportunities on resource use		As part of EMAS certification, our internal operating system continuously records our resource inflows, outflows, and waste. At the time of the external audit with our environmental verifier, all data is read, checked, and evaluated by our environmental officer and the various departments. The results are compiled in an input-output balance sheet. This balance sheet reveals the key components, waste volumes, recycled secondary resources, and the effectiveness of measures introduced. An analysis of the ecological impact of resource use, including water and energy consumption and waste management, is carried out so that potential risks can be identified and assessed.			
E5-1	Guidelines relating to resource use and the circular economy		Resource utilization and circular economy are very important to us. Our Cradle to Cradle Gold certification since December 2021 proves that we use our resources sparingly. Regular tours of our sites help us identify and implement opportunities for improvement.			
E5-2	Measures and their resources in connection with resource use and the circular economy		<p>Closed water cycle: We exclusively use rainwater for our production, which we collect on our factory premises in a closed water cycle. Industrial water used in the finishing process is treated and also fed back into the water cycle.</p> <p>Closed material cycle (crushing plant): Since 1981, our high-quality recycling plant has been crushing unsaleable goods and concrete waste and preparing them for reuse in production. This high-quality recycled material is used together with upcycled concrete from refinement processes (e.g., blasting dust) as an important secondary resource in core concrete.</p> <p>Pallet repair with thermal recycling: At our Fensterbach site, returned, broken pallets are repaired and returned to the cycle. Any wood waste produced in this process is thermally recycled in our wood chip heating system.</p> <p>Waste management: All waste generated is continuously documented. When handling hazardous waste, we attach great importance to proper handling and careful disposal. In addition, measures are implemented as part of the environmental program to support waste prevention. Our employees are made aware of the importance of waste separation.</p>			
E5-3	Targets relating to resource use and the circular economy		Targets relating to resource use and the circular economy are described in our EMAS environmental statement on page 53.			
E5-4	Resource inflows	Water consumption	71.559	m ³	67.017	m ³
Mineral raw materials		456.610	t	479.553	t	
Cement consumption		79.519	t	85.316	t	
Fillers/colors/additives		24.783	t	28.082	t	
Recycled material from our own crushing plant		45.195	t	45.651	t	
E5-5	Resource outflows	Total waste	512	t	455	t
Hazardous waste		14	t	30	t	
With regard to our products		Our concrete products have a service life of more than 50 years and are 100% recyclable. In order to keep our products in circulation at the end of their life cycle, we have had a used paving stone take-back system in place since 2007, whereby we take back used paving stones free of charge. As already described under E5-2, we have a closed water and material cycle internally based on the cradle-to-cradle principle.				
E5-6	Expected financial impact of significant risks and opportunities related to resource use and circular economy		This data is relevant according to the materiality analysis, but is not recorded.			

S1-Eigene Belegschaft

ESRS 2-SBM 2	Interests and views of stakeholders	The success of our company is based on our employees. We stand for a people-oriented corporate policy and open communication with our employees. We attach great importance to the interests and opinions of our employees, and these are always taken into account in our decision-making process. All legal requirements regarding the protection of our own workforce are validated annually by the environmental verifier as part of the EMAS registration process. The management team attaches great importance to a family-like atmosphere, which is why we are on first-name terms and make sure to keep hierarchies as flat as possible.
ESRS 2-SBM 3	Significant impacts, risks, and opportunities and their interaction with strategy and business model	Employees have the opportunity to raise issues with their department heads and management through direct discussions or our company suggestion scheme. We aim to create the best possible working environment through flexible working hours, numerous opportunities for further development, assistance with reintegration after illness, comprehensive preventive occupational safety measures, and joint sports activities. Our employees are very important to us, which is why we invest annually in occupational health and safety, ergonomic workplaces, and preventive healthcare.
S1-1	Strategies relating to your own workforce	With our three major brand values – „Collaborative, Creative, Leading“ – we provide each other with guidance to focus our behavior and daily work and make decisions in line with the brand. Nine additional core values are: appreciative, familiar, committed, unconventional, creative, aesthetic, forward-thinking, competent, and responsive. Detailed explanations of the individual keywords can be found on our website. Our employees are regularly reminded of our core values through surveys and encouraged to implement them in their daily work. We also rely on flat hierarchies and a culture of informality to promote employee engagement.
S1-2	Procedures for involving the company's own workforce and employee representatives with regard to the effects	<p>It is important to us that our employees in all areas are always up to date. In order to be able to inform them directly about news, the GoNetz was set up and two information pillars were installed at the main location in Fensterbach. At our annual kick-off event, our employees have the opportunity to get an overview of the coming year with planned events, goals, and projects. It also promotes a sense of togetherness among our employees, as all colleagues from different locations come together on this day.</p> <p>In order to advance and sustainably improve our processes and procedures, we have introduced a company suggestion scheme through which employees can submit suggestions of all kinds. In 2024, a total of 29 suggestions were submitted, 12 of which were successfully implemented.</p> <p>Discrimination of any kind has no place in our company. To bring us all closer together, our employees regularly organize various activities through our GoTreff. Every employee is invited to these meetings, such as card game evenings or Nordic walking. This strengthens our sense of community.</p> <p>Furthermore, two trusted representatives have been appointed to whom employees can turn. The interests of each employee are heard personally by the management at all times.</p>
S1-3	Procedures for remedying negative effects and channels through which employees can express their concerns	We have established a whistleblower system that allows concerns about misconduct affecting our company or the well-being of employees and third parties to be reported quickly and easily.
S1-4	Taking action on material impacts and approaches to managing material risks and seizing material opportunities related to its own workforce, and the effectiveness of these actions and approaches	Through constant communication between managers and employees, relevant factors such as safety, motivation and job satisfaction, work-life balance, and appreciation and recognition can be monitored and improved. Our open communication ensures that employees' wishes and suggestions can be implemented. In 2023, 67 employees took advantage of the opportunity to receive a BusinessBike. In addition, 53 employees were given permission to work from home in the same year.
S1-5	Objectives related to addressing significant negative impacts, promoting positive impacts, and managing significant risks and opportunities	Specific targets are not defined.

S1-6	Characteristics of the company's employees	Employees per capita	Total (including temporary staff)		453	Pers.	
			male		378	Pers.	
			female		75	Pers.	
		Employees by FTE	Total		No information available.	FTE	
			Permanent employees	Number	429	FTE	
				quota for women	57	%	
			temporary workers	Number	No information available.	FTE	
				quota for women	No information available.	%	
			Employees with non-guaranteed working hours	Number	0	FTE	
			quota for women	0	%		
			admissions		75	Pers.	
			resignations		86	Pers.	
			turnover rate		19	%	
	average length of service		7	Years			
S1-7	Characteristics of non-salaried employees in the company's own workforce	We prefer to hire our employees directly.					
S1-8	Coverage by collective agreements and social dialogue	Our employment contracts are based on the collective agreements of the Bavarian stone and earth industry.					
S1-9	Key figures on diversity	senior management	male	Number	4	Pers.	
				Percent	80	%	
		female	Number	1	Pers.		
			Percent	20	%		
		Age distribution of employees	< 30 years		76	Pers.	
			30–50 years		233	Pers.	
> 50 years			144	Pers.			
	Nationalities		18	Pieces			
S1-10	Fair wages	Our employees' wages are above the applicable benchmarks.					
S1-11	Social protection	We are subject to the provisions of German social security legislation.					
S1-12	People with disabilities	This data is relevant according to the materiality analysis, but is not disclosed.					
S1-13	Key figures for training and skills development	training hours	Men	1978	h		
			Women	216	h		
S1-14	Key figures for health and safety	Number of deaths from work-related illnesses		0			
		Number of reportable accidents at work		43			
		Frequency of reportable accidents at work		4	per month		
		Number of reportable health complaints by company		1			
		Number of days lost due to work-related illnesses		167			
S1-15	Key figures on work-life balance	Percentage of employees entitled to leave for family reasons		5	%		
		Percentage of employees who took leave for family reasons	Men	2	%		
			Women	2	%		
S1-16	Remuneration indicators (earnings differences and total remuneration)	No information available.					
S1-17	Incidents, complaints, and serious impacts related to human rights	No incidents, complaints, or serious impacts related to human rights were reported.					

S4 consumers and end users

ESRS 2- SBM 2	Interests and views of stakeholders	<p>The needs and wishes of our customers contribute significantly to the development of our company. As a full-range supplier, we are able to offer our customers a wide range of products. It is therefore important to us that we can offer our customers not only mass-produced concrete blocks, but also customized versions of our products. Through continuous feedback from end users via various channels, new ideas and improvements are integrated into our product portfolio. We rely on environmentally friendly materials and production processes that meet our customers' expectations.</p>
ESRS 2- SBM 3	Significant impacts, risks, and opportunities in conjunction with strategy and business model	<p>Our business model is designed to meet increasing sustainability requirements and respond to changing consumer preferences. In light of increasing regulation and growing awareness of sustainable consumption, we are continuously adapting our strategy to ensure long-term competitiveness.</p> <p>An assessment of the potential impact of sustainability trends has revealed changes in user behavior with regard to sustainability trends.</p> <p>The growing demand for environmentally friendly products means that we are continuing to develop our portfolio towards sustainable solutions, among other things. Transparency and customer education via our sales staff improve communication with our customers on sustainability issues. This enables us to help them make informed purchasing decisions. Further measures include sustainable product development, which is specifically tailored to customer requirements, and our transparent circular economy via cradle-to-cradle certification.</p> <p>These measures contribute to making our business model resilient to sustainability risks in the long term and to exploiting opportunities in the market for sustainable products.</p>
S4-1	Guidelines relating to consumers and end users	<p>Our customer base consists of both business customers and private individuals. Our business customers include building material suppliers, local authorities, architects, and gardeners and landscapers. Private customers can find inspiration in the idea gardens at our locations and at our partners and dealers. Sustainability and the quality of our products, as well as communicating our corporate philosophy, are top priorities for us and our customers. We ensure this through personal contact, technical training for our employees and partners, and continuous monitoring of product quality and sustainability.</p> <p>On our website, we offer customers the opportunity to obtain inspiration and information about us digitally. In order to make our products and corporate philosophy accessible to a wide audience, we are increasingly relying on digital channels—such as our website, social media, and specialist portals.</p>
S4-2	Procedures for interaction with consumers and end users via impacts	<p>Our corporate strategy is based on continuous dialogue with our customers and long-term, trusting partnerships. We place particular emphasis on providing individualized and transparent advice—both for business customers and end customers. In order to best meet the diverse needs of our customers, we offer comprehensive consulting services in all areas of our business. These take place in person in our idea gardens, by telephone, or through our sales representatives. We implement individual customer requests by producing customized sample stones in our laboratory to ensure a perfectly fitting product solution.</p> <p>Our service team is dedicated to handling complaints and grievances quickly and in a customer-oriented manner. By coordinating directly with our customers, we ensure that concerns are dealt with in a solution-oriented and fair manner in order to guarantee long-term customer satisfaction.</p> <p>In addition, we promote active exchange with our customers and end users through various event formats:</p> <ul style="list-style-type: none"> - Specialist events and training courses: Architects, landscapers, and specialist retailers benefit from special training courses and factory tours focusing on our products, enabling them to use them in an informed and sustainable manner. - In-house exhibition „Freiraum für Profis“: Once a year, we offer a platform for networking and knowledge transfer about our building material solutions at our Fensterbach location. Our business customers use this day to exchange ideas with our employees and learn more about our products. - „Tag des Gartens“: During this annual event at our branches, private customers can gain direct insight into our product range and sustainable production. - Trade fairs and industry events: Our participation in trade fairs such as GaLaBau enables us to present our sustainable corporate strategy to a wide audience and engage in dialogue with experts and end consumers. <p>These measures not only strengthen customer loyalty, but also promote conscious and sustainable purchasing behavior by providing transparent information about our products, their manufacture, and their long-term environmental benefits.</p>

<p>S4-3</p>	<p>Procedures for addressing negative impacts and channels through which consumers and end users can express concerns</p>	<p>We ensure that our customers always have the opportunity to express their concerns or complaints directly and transparently. To this end, we offer various communication channels:</p> <ul style="list-style-type: none"> - Personal contact persons: Customers can contact their personal contact person at any time to discuss any issues. - Service department: A specialized team handles all customer concerns, from general inquiries to complaints and grievances. - Structured complaint process: Incoming complaints are documented, systematically analyzed, and handled in close consultation with customers in order to find timely and satisfactory solutions.
<p>S4-4</p>	<p>Taking action on significant impacts on consumers and end users, and approaches to managing significant risks and exploiting significant opportunities related to consumers and end users, as well as the effectiveness of these actions and approaches</p>	<p>We attach great importance to identifying, communicating, and minimizing potential negative effects for our customers at an early stage. This applies in particular to product deviations in custom-made products as well as technical and application-related risks.</p> <p>Transparency and information: Our customers are expressly informed in advance of any possible deviations or restrictions, especially in the case of custom-made products. All terms and conditions and applicable provisions are clearly accessible — both in our sales documents and in our price lists. Product data sheets are stored in our internal systems and are made available to customers, especially in the case of custom-made products.</p> <p>Preventive measures for problem solving: Through direct communication with our customers, many potential problems can be clarified in advance and individual solutions found. Our service and quality control processes ensure that deviations are identified and rectified at an early stage in order to guarantee customer satisfaction. For example, in 2023, the range of formats available for ecological paving systems was expanded.</p> <p>Human rights aspects: No human rights violations or incidents involving consumers and end users have been reported. All legal requirements regarding the protection of our end users are validated annually by the environmental verifier as part of the EMAS registration. These measures ensure that our customers receive transparent information, potential risks are minimized, and problems are solved proactively.</p>
<p>S4-5</p>	<p>Objectives related to addressing significant negative impacts, promoting positive impacts, and managing significant risks and opportunities</p>	<p>Our goal is to build and maintain long-term, trusting customer relationships. Transparent communication, effective feedback and complaint management, and continuous optimization of our products are at the heart of this.</p> <p>To ensure customer satisfaction, we continue to engage in regular interactions with our customers, whether in person, by phone, or digitally, to ensure that their needs are heard and taken into account.</p> <p>Targeted customer events such as Garden Day, training courses at customer premises, our in-house exhibition „Freiraum für Profis“ (Open Space for Professionals) and various other events provide a platform for direct exchange and enable us to gather valuable customer feedback. These events are also firmly planned for the coming year.</p> <p>Customized solutions in the area of special production lead to a continuous expansion of our product range, enabling us to respond even more specifically to specific customer wishes and meet individual requirements in the best possible way.</p> <p>Our service team ensures that complaints and grievances are handled quickly and in a solution-oriented manner. Through close coordination with our customers, we ensure that problems can continue to be resolved promptly and satisfactorily in the future.</p> <p>These measures help to ensure long-term customer satisfaction, actively incorporate customer feedback into our further development, and strengthen sustainable customer relationships.</p>

G1 Company Policy

ESRS 2-GOV 1	The role of administrative, management, and supervisory bodies	<p>Our company's governance structure is organized around the Executive Board, which bears overall responsibility for the strategic direction and sustainable development of the company.</p> <p>Other key bodies include the respective department heads, who advise the management on strategic issues, monitor the implementation of corporate policy, and are actively involved in decision-making processes. Together, they ensure that all legal and regulatory requirements as well as internal targets are consistently met. All legal requirements are validated annually by the environmental verifier as part of the EMAS registration process.</p> <p>All governance bodies have comprehensive expertise in corporate policy, risk management, and sustainability requirements. The long-standing experience and expertise of the management team is continuously expanded through regular training on current regulatory developments and industry-specific challenges.</p> <p>The management bears the final responsibility for decisions on significant business measures, while the department heads ensure operational implementation and compliance with guidelines.</p> <p>This clear governance structure ensures effective decision-making processes, transparent responsibilities, and sustainable corporate management.</p>
ESRS 2-IRO 1	Description of the processes to be identified and evaluated with regard to significant impacts, risks, and opportunities	<p>At least once a year, our department heads attend a workshop on how to interact with employees appropriately. Their leadership skills and expertise are assessed through qualifications, performance reviews, and training programs. Regular evaluations, feedback mechanisms, and external audits help to assess the performance of senior management. She also regularly participates in training courses and seminars on all relevant topics. These control processes and measures help us to identify and assess significant impacts, risks, and opportunities.</p>
G1-1	Strategies relating to corporate policy and corporate culture	<p>It is important to us that our stakeholders know and understand our corporate values. This applies to our employees as well as external service providers and suppliers. We do not tolerate corruption or bribery in any way within our company or among our business partners. In the event of violations of our corporate values, our employees and whistleblowers are required to report such behavior immediately at any time, even if it is only suspected. These measures help to ensure the integrity and transparency of our company.</p>
G1-2	Management of relationships with suppliers	<p>We are in constant contact with our suppliers and service providers. Open communication and communicating our corporate philosophy are very important to us. In our supplier information, we inform our suppliers and service providers about our current environmental policy. We require our suppliers to act in an environmentally conscious manner and to initiate and implement measures to improve energy-related performance and environmental performance. We maintain our long-standing business relationships with great commitment.</p> <p>When selecting our suppliers, we take social and environmental criteria into account and support small and medium-sized enterprises. We also give preference to regional suppliers. These measures help to ensure a sustainable and responsible supply chain.</p>
G1-3	Prevention and detection of corruption and bribery	<p>A whistleblower system has been set up to prevent and detect corruption and bribery, which is accessible to everyone without restriction.</p>
G1-4	Incidents of corruption or bribery	<p>There are no known incidents of corruption.</p>
G1-5	Political influence and lobbying	<p>There are no lobbying activities.</p>
G1-6	Payment practices	<p>No information available.</p>

the 1990s, the number of people in the UK who are aged 65 and over has increased from 10.5 million to 13.5 million (19.5% of the population).

There is a growing awareness of the need to address the needs of older people, and the Government has set out a strategy for the 21st century in the White Paper on *Ageing Better: The Government's Strategy for Older People* (Department of Health, 1999). This strategy is based on the following principles:

- (i) older people should be able to live independently and actively in their own homes;
- (ii) older people should be able to live in their own communities;
- (iii) older people should be able to live in their own homes and communities for as long as possible;
- (iv) older people should be able to live in their own homes and communities with dignity and respect.

The White Paper also sets out a number of key objectives for the Government, including:

- (i) to ensure that older people are able to live independently and actively in their own homes;
- (ii) to ensure that older people are able to live in their own communities;
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