



# THE ORGANIZATION

world of **wienerberger**





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”  
**The know-how  
of wienerberger  
can be found in  
all areas of life.**“



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the video message



# Preface

## **We provide for a better tomorrow!**

Every decision we take and every contribution we make are based on our four fundamental values – respect, trust, passion, and creativity. These values helped us to create a company culture and to lay the foundation for our success over the past years. Since the beginning, we have committed ourselves to improving people’s quality of life by producing first-class, sustainable construction and infrastructure solutions, and taking on responsibility vis-à-vis society regarding ecological and social dimensions.

## **The world of wienerberger today is a world of sustainability and innovation.**

Megatrends like climate change, digitalization, rapid growth of the population, and urbanization demand new creative solutions and innovations in the construction industry. Over the past ten years, wienerberger has strategically walked completely new paths. Our product portfolio has developed from a volume- and production-driven producer of standard products for building envelopes to a full-service provider of intelligent, innovative solutions for new buildings, renovation, and water and energy management. This strength in innovation combined with a strong focus on sustainability and system competence has made wienerberger grow faster than our markets.

## **We are determined to continue on this successful path.**

Our focus on decarbonization, recycling economy, and biodiversity supports the *European Green Deal* and paves the way for the future. We will continue to work on modern innovative and ecological solutions to reduce emissions and save resources.

Apart from our long-term goal to be climate neutral by 2050, we also have ambitious short-term goals. All of our company activities are clearly defined in the ambitious ESG criteria (Environmental, Social, Governance), which include, for instance, reducing CO<sub>2</sub> emissions by 15% compared to 2020 by the end of 2023, implementing a program on biodiversity at all of our more than 200 sites, and producing 100% of our new products as fully recyclable or reusable. The key to all this is sustainable energy management and the use of renewable energies. Additionally, the Wienerberger Group invested approx. €20 million into research and development in 2022, in order to safeguard costs and our leading role in technology on a long-term basis, and to strengthen our market position through product innovations.

**Heimo Scheuch**  
CEO/Managing Director, Wienerberger AG



”  
Step by step, we’re working on  
turning our vision into reality  
through our commitment and values.“



## Managing Board

The managing board of Wienerberger AG makes strategic decisions and performs high-level functions. This team consists of four members: Managing Director Heimo Scheuch is responsible for the strategic and operational development of Wienerberger AG. Financial director (CFO) Gerhard Hanke is responsible for company finances, Procurement, IT, & Digitalization and Performance Management.

Solveig Menard-Galli is the Chief Operating Officer for all Wienerberger operations in Eastern Europe, and Harald Schwarzmayr is Chief Operating Officer for all Wienerberger operations in Western Europe.





**Heimo Scheuch**  
CEO  
Wienerberger AG

Heimo Scheuch has been working for Wienerberger since 1996, and since August 1, 2009 he is responsible for the strategic and operational development of the company. Thanks to his many years of industry and management experience with a strong focus on sustainability, digitalization, innovation, and growth, he has managed to bring success and renewed growth. Heimo Scheuch is a truly international manager, who has studied and worked in several countries.



**Gerhard Hanke**  
CFO  
Wienerberger AG

Gerhard Hanke took over the position of Wienerberger AG Chief Financial Officer (CFO) on March 1, 2021. He is responsible for company finances, Procurement, IT, & Digitization and Performance Management. Gerhard Hanke has successfully held a variety of leadership positions – very often combining responsibilities in Finance and Operations – in the Wienerberger Group for more than 20 years, most recently as COO of the Region East/Central of the Business Unit Wienerberger Building Solutions.



**Solveig Menard-Galli**  
COO  
Eastern Europe  
Wienerberger AG

Solveig Menard-Galli has been part of the Wienerberger Managing Board since 2019. As of 2023, she assumed the role of Chief Operating Officer responsible for all Wienerberger operations in Eastern Europe. In her previous position of Chief Performance Officer (CPO), she was responsible for the Group's performance-enhancing and digitalization measures. She was highly successful in implementing the Fast Forward program and the associated transformation process.



**Harald Schwarzmayr**  
COO  
Western Europe  
Wienerberger AG

Harald Schwarzmayr was appointed to the Management Board in July 2020. As of 2023, he assumed the role of Chief Operating Officer responsible for all Wienerberger activities – Building Solutions and Piping Solutions – in Western Europe. Harald Schwarzmayr is an experienced manager with excellent industry know-how. Since 1997, he has held various executive positions within the Wienerberger Group and implemented numerous strategic growth projects and M&A (Mergers & Acquisitions) transactions in the course of his 23-year career.



# world of **wienerberger**

## **Our vision: Innovative and sustainable solutions for a better tomorrow**

We improve people's quality of life and create a better world for future generations by providing innovative and ecological solutions for new buildings, renovations, and infrastructure projects. We want to inspire potential employees, customers, business partners, and our entire industry. Our common vision: **We provide for a better tomorrow!**

We take on responsibility and live our vision. In all wienerberger business fields and areas, we commit ourselves to sustainable innovation, work on modern solutions, and push digitalization in the construction industry. At the same time, we fulfill our obligations with regard to ecology and society. Our actions and our cooperations are based on four values, which have grown over the years in our organization: trust, respect, passion, and creativity. These values connect us over all sites and in all fields of activities.

”  
*Since the beginning, we have committed ourselves to improving people's quality of life and to setting new standards in the construction industry.* “







## Our solutions & services: Innovations of tomorrow

Due to our company vision and our values, as well as the respective strength of innovation, we have already developed climate-resilient solutions for buildings and infrastructure, we use innovative Industry 4.0 applications, and provide state-of-the-art solutions in the field of sustainable construction, from which our customers and employees – as well as our shareholders and future generations – will profit in the long term.

## Our goals: What we want to achieve in 2023

We strongly commit ourselves to achieving climate neutrality and actively support the *European Green Deal*. In doing this, our business activities are clearly defined and subject to the ambitious ESG criteria. We will successfully continue our growth by organic development through our innovative power, and externally through M&A and portfolio optimization. On the basis of *Operational Excellence*, we will increase efficiency. ESG goals for 2023 are the reduction of our CO<sub>2</sub> emissions by another 15% compared to 2020, and producing 100% of our new products as fully recyclable or reusable. We want to increase the proportion of female senior managers to more than 15% and the proportion of female staff members to more than 30%. Additionally, we want to implement biodiversity programs at all our sites, and we commit ourselves to adhering to the highest national and international governance standards.





## Strong values to shape the future

wienerberger's success story is more than 200 years old. Since the beginning, we have committed ourselves to improving people's quality of life by producing first-class, innovative and ecological solutions, and to developing solutions for tomorrow which can be integrated into a recycling and/or reusable system, so that future generations have the same opportunities as we have today.

We want to shape the future together, with **respect, trust, passion** and **creativity**, and we want to make our contribution – on every continent, in every country, at every site, and across all fields of activity.

Trust  
is the basis of  
successful  
human relations.

## Trust grounds us

Trust is the basis wienerberger is built on. We encourage and support each other, and we believe in each other. This solidarity makes us stronger and motivates us in our daily work. Our trust in our skills and in our future ensures that we can manage even the biggest challenges.



Respect:  
Show appreciation,  
take on responsibility –  
for humans and for  
the environment.

## Respect unites us

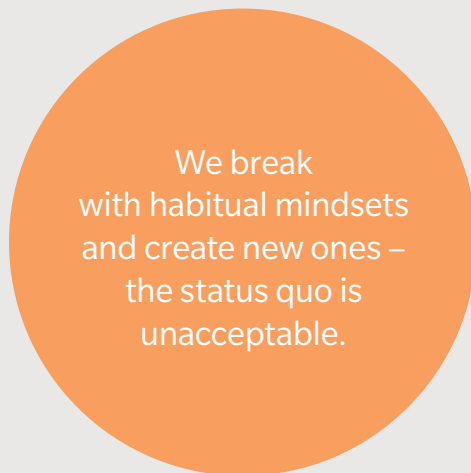
To us at wienerberger, respect means showing appreciation and taking on responsibility – for humans and for the environment. wienerberger respects and appreciates diversity. This enables all employees to authentically participate, and to give their best while feeling accepted and included.



Passion is the  
engine which drives  
our innovative power,  
our growth, and our  
development as  
an international  
organization.

## Passion drives us

Passion is the engine which drives our innovative power, our growth, and our development as an international organization. We strive for exploiting our full potential, we are motivated in all our actions, and we think positively. We are committed and pursue our visions and goals in order to contribute significantly to overall success.



We break  
with habitual mindsets  
and create new ones –  
the status quo is  
unacceptable.

## Creativity brings us to life

Creativity is a core resource for wienerberger, which determines our work. It opens up new perspectives and pushes us to find innovative solutions, and hence to contribute to a more sustainable way of life. With the courage to change things for the better, we leave well-trodden paths and look for new ways to shape the world of tomorrow.



”  
**Respect**  
unites us. “



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the video message



# Innovative solutions made by humans for humans

wienerberger puts the human being at the center of its corporate vision. Our solutions are made by humans, for humans. We always act on behalf of our customers, partners, employees, and society as a whole.

The people working with us are, therefore, the decisive key to success. Only thanks to their know-how and their commitment are we able to fulfill our mission to improve the quality of life of all people. Diversity and different skills make our organization into a market leader in construction. This is why we at wienerberger want to provide our employees with the best possible working environment and diverse possibilities for development.



“  
**Listening and  
understanding people  
is the key to respect.**  
”





# Strong values – One team

## People from approx. 60 nations work together at wienerberger for a better tomorrow.

Every one of them contributes to the complete picture of wienerberger. Our more than 19,000 colleagues in 27 countries know our customers’ needs and wishes, and incorporate their views and cultures into our organization.

## Variety and diversity is what we are

Since we are a globally operating organization, wienerberger employes a wide range of people, from manufacturing staff, to engineers, to the head of Investor Relations. How diverse we are can also be seen in other scopes; for instance, how long people have been working with us, or the nationalities of our employees. One of wienerberger’s goals is to increase the proportion of women in our company.

Our exact goals by the end of 2023 are the following:

- ≥ 15% women in Senior Management
- ≥ 30% women employed
- 10% more training hours per employee

We don’t believe in the principle of “One size fits all”, but try to respond to the needs of our employees beyond the necessary standards, and to find the best solutions together with them. This is the only way to ensure their satisfaction, and therefore, wienerberger’s success.

## Health and safety at work

Our employees’ well-being and protection is of the highest priority at wienerberger. Our clear goal is zero workplace accidents. This is why we implemented our own safety app at sites where heavy machinery is regularly used, along with our Health & Safety Policy, safety trainings, and awareness raising campaigns. This app is for employees to express their concerns and report potential safety hazards. These reports are the basis for targeted evaluations and improvements. Safety culture is consistently lived and promoted at all levels at wienerberger. Safety is not only the first item on the agenda of every management meeting, but it is also lived through “visible leadership”. All managers visit our production sites regularly and consult their teams by means of a tried and tested coaching approach. In the past ten years, we have been able to reduce workplace accidents by almost 80%. In addition to the broad work safety measures, we also provide a wide range of offers to promote health, such as our mental health program.



”  
All of us  
contribute to  
the big picture.  
“





### **We grow with our employees**

Our employees are the most important key to our success. Therefore, we want to provide them with the best opportunities to develop their skills and to enable them to make use of all the possibilities to develop themselves within the organization. Everything that moves our employees forward also moves wienerberger forward. This is why our recruiting strategy, HR development, success planning, and talent management focus on achieving our ambitious corporate goals. Additionally, we support talents through different competence and further development programs. At wienerberger, we consistently increase the education and training rate in order to promote internal career planning. One of the decisive factors of our success is the participation of our employees in the long-term growth and success of the organization. With our goal "Employees as core shareholders," we want to see 5% of our employees become co-owners of wienerberger within the coming years. Our employee participation program provides wienerberger employees who have been with us for at least one year with one bonus share when they buy two wienerberger shares.

### **The people are at the center**

wienerberger's commitment to people goes far beyond our organization and its valuable employees. Together, we at wienerberger create innovative and sustainable solutions on a daily basis, which improve the life of people throughout the entire world. This is also true when we are taking on our social responsibility, and being active in social projects and initiatives. Together with Habitat for Humanity, we create appropriate living space for disadvantaged people. Our employees get involved in these projects and spare neither efforts nor time. In this way we have been able to achieve our goal over the last ten years of improving people's quality of life, and of creating a healthy and safe living space for more than 5,000 people.









”  
**Creativity**  
brings us to life. “



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the video message



## Innovative solutions for a life worth living

We at wienerberger provide what people and nature really need. We combine our innovative, ecological solutions for new buildings, renovation, and infrastructure projects and add essential services and digital offers. Our customers and partners therefore benefit from holistic and integrated solutions from a single source.



”  
**Passion and creativity  
always take you forward.**  
“





# Climate-neutral with innovative and ecological solutions

## **From a climate-neutral brick to rainwater management: wienerberger develops sustainable products and solutions for the future of the construction industry.**

wienerberger is an internationally-leading provider of innovative and ecological solutions for the entire building envelope in the fields of new buildings and renovation, as well as for the infrastructure for water and energy management. With many brands, we are successful at more than 200 sites in 27 countries worldwide. We consistently develop sustainable concepts and innovative solutions in the areas of bricks, pipe systems, and surface paving for buildings of all types and municipal infrastructure. The diverse products and services of the world of wienerberger make it possible to create healthy and affordable living space for everybody, and to ensure the supply of water, electricity, and gas.

## **How to make cities climate-resilient**

wienerberger accumulates its forces in the entire organization to develop innovative solutions for adjusting to climate change. Global warming leads to heat islands especially in cities, and is a stressor for the population. Using appropriate materials such as light surfaces with a high solar reflectance index can reduce this effect. Additionally, the increasing soil sealing leads to consequences like overloaded sewer systems and floodings due to heavy rains. We want to provide solutions for these changing climatic conditions. With Semmelrock products, wienerberger provides concrete plaster surfaces which are not sealed. The rainwater management systems by the brand Pipelife complement the above by providing retention, storage, and re-use as well as controlled infiltration of rainwater.

## **Precious resource: water**

Water shortage and extreme weather events are consequences of climate change, population growth, and urbanization. wienerberger's answer to this is an efficient rainwater management system, which stores and filters rainwater and drains it into storm boxes. The water can infiltrate directly into the soil or the public sewage system, and above all it can also be stored, in order to water gardens, for instance. Additionally, Pipelife is testing a solution for the efficient maintenance of drinking water systems in the Netherlands: Smart Probing is an intelligent technology which enables checking the pipes at any given point in the water network. Furthermore, the company concentrates on the interesting technology of the trenchless laying of pipes.



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*Creativity does not only mean creating new products, but also finding new ways.*  
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### **Making roofs fit for heat and storms**

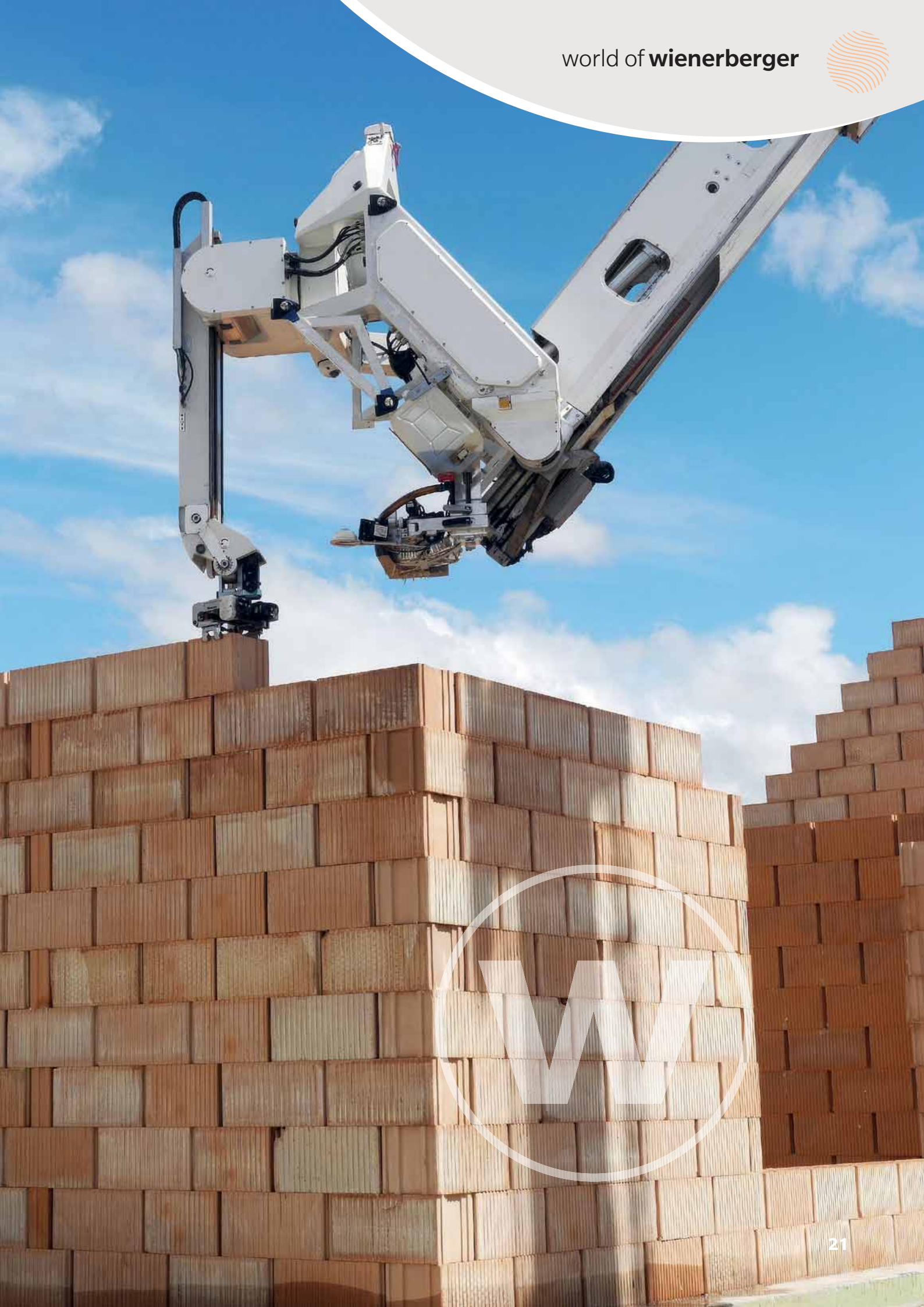
From extreme temperatures to storms and heavy rain: wienerberger provides innovative solutions for building roofs which can also withstand extreme weather conditions. Especially in the alpine regions of central Europe, heavy snowfall will increasingly occur in the future. wienerberger developed a special snow guard and snow retention system, which distribute the snow load evenly across the roof and prevent the snow from sliding off of it. The wind protection system *Sturmfix 2.0* was developed to withstand heavy storms, and wienerberger roof systems also satisfy the highest demands regarding protection against hail. Our flat roof membrane *Leadax Roov* is not only produced climate-efficiently, but 75% of the roof membrane consists of recycled plastic and once the membrane reaches the end of its service life, it can be completely recycled into new flat-roof membranes. Light-colored roof tiles can minimize the heat in the building and in the nearby environment. We are working intensively on coatings which increase the solar reflectance of dark roof tiles. *Alegra 10 Wevolt* solar roof tiles combine the esthetics of a roof tile with the energy of solar power. Since the entire roof can be used to generate solar power, the energy yield is at least the same as with a classic solar panel system on the roof. Newly constructed buildings as well as historic buildings benefit from solar roof tiles because solar modules are almost invisibly integrated into their roof surfaces.

### **Innovative brick solutions save energy**

Buildings use 40 percent of all EU energy consumption. wienerberger pushes sustainable living with green energy and innovative brick solutions. Due to their natural properties, bricks save energy and provide a pleasant room atmosphere.

They contribute significantly to energy efficiency and climate protection due to their good thermal insulation and temperature storage. This applies to new buildings and to renovations. Due to their low thermal conductivity, these products and systems reduce energy consumption significantly. The climate-neutral brick makes savings of approx. 5,800 tons of CO<sub>2</sub> per year possible (about 3,000 cars), for instance. In summer, after ventilating during the night, the walls are cold and it takes some time to heat them. During the day, the room temperature increases only slightly. However, in winter, warmth is stored in the walls when you only ventilate a couple of minutes per day. This is why people benefit from a pleasant living atmosphere with low energy costs – a win-win-situation for people and the environment.







# Innovations in touch with the future

wienerberger pushes automation and digitalization in the construction industry with forward-looking applications and solutions. By applying *Industry 4.0*, we optimize our production performance and increase safety. The term *Industry 4.0* stands for the fourth industrial revolution, which applies modern information and communication technologies to optimize processes. Intelligent and digitally connected systems make a self-organized production to the greatest extent possible, in which humans, machines, systems, and products communicate and cooperate directly. This means that processes at the construction site are facilitated and energy and raw materials are saved.

## Digitally modelled, more efficiently produced

wienerberger works with digital twins in order to become more productive and to reduce CO<sub>2</sub> emissions. A digital twin is a virtual representation of a real object, system or process, e.g., of a production plant. By means of targeted data simulation in appropriate models, we can optimize processes and monitor the entire production in real-time. On the basis of this collected real-time information, we can make reliable prognoses and develop our solutions more effectively.

## Revolution in production: 3D printing

wienerberger has been using 3D printing in various fields. Semmelrock, for instance, increasingly uses 3D printing as support in customer communication. By means of 3D printing, it is possible to show architects certain functionalities of reduced scale models of paving stones. Pipelife uses this technology, however, for producing flow profiles for shafts and inspection shafts. Using 3D printers at our conveyor bands enables us to produce continuously and at the same time, avoid potential risks through manual work steps like cutting and welding.

## A robot building your house

With regards to the current challenges that we have to face in the construction industry (from a lack of experts to efficient production), wienerberger counts on automation, amongst other things. With Hadrian X, a construction robot laying bricks independently, fast, safely, and precisely up to a millimeter, wienerberger sets new standards.

”  
*Our focus is on providing our customers with products and solutions which can be processed easier and faster, and which fulfill all requirements regarding sustainability.* “





Depending on the level of difficulty, Hadrian X builds a single-family house or an apartment building in one to three days. Therefore, living space can be created faster, more cost-efficiently, in a resource-friendly and high quality way. However, what is even more important is the fact that the robot relieves precious experts at the construction site.

### **Building a new house with old material: recycled bricks**

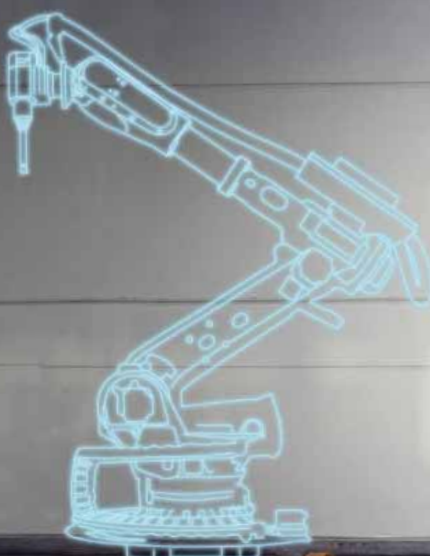
At wienerberger, we think that the promotion of the recycling economy is essential in order to be able to manage the challenges of what lies ahead. With *CicloBrick*, wienerberger takes yet another step forward in this direction. The city becomes our source of raw materials, because for *CicloBrick* we only use sustainable and recycled materials. It is made of locally sourced river clay, less of which exploited than what is naturally deposited in the river, and 20% ceramic recycling material from building dismantling. Last but not least, *CicloBrick* can be recycled after its use – and the circle can start anew.

### **Virtual Labs bring out the best of building materials**

In our *Virtual Labs*, we optimize wienerberger's ceramic products, and develop some of our innovative solutions. By means of computer simulation, we can pre-calculate the properties of bricks, brick walls and systems, and can optimize the products and their production. This is how we want to achieve an increase of thermal insulation by almost one third, and at the same time we want to reduce the energy needed in production by up to 15%. We cooperate with the TU Wien (Vienna University of Technology) to develop and implement the software for the *Virtual Labs*.

### **Green hydrogen for our climate**

Renewable energies are our future. However, they also demand new solutions for energy transport. wienerberger's response to this is a new pipe generation, *SoluForce* by Pipelife. For the first time globally, we use plastic pipes to transport hydrogen. They can be laid very quickly and easily and are also maintenance-free. Additionally, their CO<sub>2</sub> emissions over their entire life cycle are 4 times lower. This hydrogen-certified pipe system, which also allows for the transport of biogas, is therefore suitable for the future supply of safe energy.













**Solutions for the building envelope**

- 1 Roof solutions
- 2 Clay block solutions
- 3 Façade solutions
- 4 Inhouse solutions (heating/cooling)
- 5 Landscaping elements

**Infrastructure solutions**

- 6 Wastewater solutions
- 7 Rainwater management
- 8 Drainage solutions
- 9 Pavers

**Biodiversity**

- 10 Climbing plants along the fence
- 11 Small fruit tree garden
- 12 Deadwood/compost
- 13 Nesting possibility/insect hotel
- 14 Flowers and perennials along the plastered areas
- 15 Façade greening
- 16 Revitalized clay pit



# Production and transport under the energy transition

We at wienerberger want to be climate neutral by 2050 at the latest. To do this, we're counting on more energy efficiency in production and transport, an innovative portfolio, and new technologies in all our plants worldwide. We continuously optimize our processes in all three of our production areas: ceramic, plastic, and concrete. Our goal – from facade bricks to pipe systems – is that all of our solutions and their production are state-of-the-art.

## Climate-friendly production

Clay is the most important raw material in ceramic production. We use it for the production of backing bricks, fair-faced bricks, roof tiles, ceramic pipes, and surface pavings. In the entire production process, we take measures to protect our environment. We chose our clay mining areas adhering to strict criteria. We use energy carriers with the lowest possible emissions in order to make the energy-intensive drying and burning process continuously more climate-friendly.

wienerberger is also setting new standards already today: Ceramic pipes have exclusively been produced with clean electricity since 2020. The organization uses electricity as its main energy source for the production of plastic pipes. In this field, Pipelife is pushing the transition to renewables as well. The goal is to continuously develop the internal electricity production, e.g., through photovoltaic systems on the roofs of the production sites.

wienerberger purchases the necessary raw materials – cement, sand, aggregate, and water – for the production of concrete surface pavings from local producers. The production of concrete surfaces needs comparably less energy and exclusively uses electricity. We do intensive research and development in order to further optimize the process. Our focus lies on further reducing the share of cement and managing resources such as waste even more efficiently.

Additionally, we pay attention to having the lowest possible water consumption in all production areas, we use closed water cycles, and we make use of our own resources. The major part of our production residues is introduced back into the cycle. We want to continuously increase the use of recycling material.





### Using and saving renewable energies

wienerberger is pushing the transition to low-emission and clean energy sources for CO<sub>2</sub> neutral production at all levels. The company uses either purchased or on-site, self-produced green electricity coming from solar or wind power, or bio-gas from the region. Additionally, the group pursues many promising energy sources such as green synthesis gas or hydrogen. Half of wienerberger's electrical energy consumption is supplied by renewable energy carriers.

We take various measures in order to save energy. For instance, wienerberger uses heat pumps for the dryers in brick production in order to make use of the energy contained in the exhaust air to produce hot water, which is then used for heating the drying system. At some sites, wienerberger uses waste heat coming from cooling processes in order to heat offices and other rooms.

### More efficient transport and emission reduction

wienerberger not only reduces energy consumption and CO<sub>2</sub> emissions in production, it also does so in transport. We make a lot of effort to keep the transport routes as short as possible, and to test the transition possibilities to clean drive technology and green fuels such as biodiesel or hydrogen. At our sites, we already use climate-friendly alternatives – electric forklift trucks are step by step replacing diesel-driven models. We also count on digital solutions in order to ensure climate-friendly logistics. At several sites, a forward-looking transport management system provides solutions for optimized routes and better – or rather, safer – loading and unloading methods. More exact calculations assist in transporting as many products as possible per truck from A to B – this saves unnecessary routes and emissions. Additionally, the software provides a visual representation, thus helping our staff to place the products in the cargo hold in the best possible way. In this manner, we were able to reduce the CO<sub>2</sub> emissions in transport by about 5%.





”  
**Trust**  
grounds us.“



Scan to watch  
the video message



## Innovative solutions for our planet

At wienerberger, we think that it's our obligation to actively protect our planet, and therefore, to handle natural resources reliably. Sustainability is an integrative element of our corporate strategy. We want to produce innovative ecological solutions of the highest quality, and at the same time, to protect our environment as much as possible. This is why we continuously reduce the CO<sub>2</sub> emissions of our production, consistently promote the recycling economy, and pay attention to maintaining biodiversity through various measures taken at our sites.



”  
*We provide for a  
better tomorrow.*  
“





# For a better tomorrow

## Protecting and maintaining our environment

wienerberger knows about its responsibility for this planet and maintaining it for future generations. The goal of the *European Green Deal* is a climate-neutral future, a goal we share as a company. We therefore count on consistent sustainability management in all areas in order to be able to reach this goal. All our activities are subject to clear ESG (Environmental, Social, Governance) criteria and a comprehensive sustainability strategy. This is based on the following three pillars:

- › promotion of biodiversity
- › promotion of the recycling economy
- › reduction of CO<sub>2</sub> emissions

It is our obligation to implement the above and many additional measures to protect our planet. wienerberger has always stood for responsible corporate governance and transparency, and has always committed itself to the highest national and international standards.

## Solutions for biodiversity

Biodiversity is an essential topic at each and every one of our more than 200 sites. wienerberger perceives itself as an organization which respects nature reserves and handles resources with care. Promoting biodiversity optimizes our land use even further, which means that we contribute to the increase of the share of flora and fauna in a positive way. This includes measures such as insect hotels and beehives on roofs, the renaturation of clay mining areas, or nesting roof tiles for birds. In this, we cooperate with local partners as much as possible in order to save resources.

## Solutions for reducing CO<sub>2</sub> emissions

Energy efficiency and decarbonization are core topics in all business areas at wienerberger. Continuously, we push the transition to low-emission energy sources in order to be climate neutral by 2050. For instance, we reduce the energy consumption in our brick production through the use of heat pumps. More than half of our electrical energy supply already comes from renewable energy carriers, such as solar and wind power or biogas. We test promising energy sources such as green synthesis gas or hydrogen. The production of brick innovations with low mass additionally saves energy and provides benefits for climate, costs, and transportation. wienerberger is going to invest €60 million per year in decarbonization, amongst other things. Investments include, for instance, research and development, innovative processes, and new products.



”  
*We improve people’s quality of life, and therefore make this world a better place for future generations.*  
“





### **Solutions for promoting the recycling economy**

The recycling economy is a core pillar of wienerberger's sustainability program. With it we safeguard the long-term availability of raw materials. wienerberger designs new product solutions in such a way that they are either reusable or recyclable. This is our contribution to one of the main focuses of the European Green Deal, i.e., to provide reusable, long-lasting, and repairable products. The reusability of our products is an important aspect of our innovations, because it leads to much longer usability of our products. In the future, all new products at wienerberger will be 100 percent recyclable or reusable. Additionally, we continuously increase the share of secondary raw materials and recycled materials. In 2022, we have already designed 98% of our new products in such a way that they were reusable or recyclable.

### **Solutions which stand out for their sustainability**

External ratings and awards confirm wienerberger's sustainability strategy and pioneering role in the construction industry. In 2022, the world's biggest provider of sustainability analyses, MSCI, awarded wienerberger the best rating of AAA for the fifth time in a row. The *ESG Corporate Rating* by Institutional Shareholder Services (ISS ESG) again rated Wienerberger Group as Prime Investment. In 2022, we were awarded with the second-best grade (B) by the Carbon Disclosure Project (CDP). And in the same year, the sustainability agency EcoVadis awarded us with a gold medal in its annually updated ESG rating – this places us among the best 4% of the construction industry.









”

*In uncertain times, it is important to concentrate on a sustainable future. Our Brick Award helps us to do exactly that – architecture connects, shows stability, and creates values.* “





# Brick Award

The *Brick Award* provides an independent platform for innovative and contemporary brick architecture focusing on innovative, resource-saving, and sustainable construction.

Every second year, the most creative examples of modern and innovative brick architecture are awarded the Brick Award. The prize goes to international projects which impress with their innovative design and architectural concept, the smart and innovative use of bricks, and the high quality in terms of aesthetics, shape, and design of the project.

A special focus is placed on how much the project provides solutions to the challenges of climate change and the handling of limited natural resources. Forward-looking developments are, for instance, buildings which are built by using local materials in order to reduce waste and energy, or building envelopes with facade greening. Other solutions are concepts for which existing buildings are not dismantled, but are maintained by reconstruction or expansion.



”  
The people working for us are  
the decisive key to success. “



## We put the people at the center!

Anyone who wants to build a house needs the corresponding construction material plus experts who put their entire knowledge and full commitment into their work. At wienerberger, we work together with our employees on our common vision to actively improve the quality of life of people living today and in the future with innovative and sustainable solutions. Our daily work is determined by common values, today just as more than 200 years ago: **Trust. Respect. Passion. Creativity.**

These values accompany and shape all of us, on every continent, in every country, at every site, and across all working areas. We promote diversity and provide our employees with a pleasant and safe working environment with the possibility to develop. It's our second nature to help others. Together with the organization *Habitat for Humanity*, our colleagues spare neither time nor effort to create appropriate living space for disadvantaged people.





**819,000**

shares held by  
our employees

**ø1.3m**

heartbeats/minute

approx.  
**200,000hrs**

safety trainings

**65**

nationalities in  
our organization

**25**

languages  
spoke

**60**

biodiversity  
ambassadors

**>30%**

Women in  
white collar positions

**Home office  
Teams calls**

more than with your  
best friend

**16.3**

training hours /  
employee





”  
We want to bequeath  
a planet worth living on.“



# wienerberger ESG program 2023

We provide for a better future. In all our activities and in all our business areas, we always take into account environmental, social, and governance (ESG) aspects. wienerberger’s sustainability strategy is based on three pillars: the reduction of CO<sub>2</sub> emissions, the protection of biodiversity, and the promotion of the recycling economy. We commit ourselves to UN SDGs (Sustainable Development Goals) and to national and European climate goals. This is why we implement, amongst other things, our biodiversity program at all of our more than 200 sites, and ensure that all new products are either reusable or recyclable. Variety and diversity in our organization matter to us.

We want to provide all our employees with the possibility to develop and contribute in a safe environment. The Wienerberger Group counts on value-oriented and responsible leadership in all areas, and is obliged to observe the highest national and international governance standards. We are serious about our social responsibility and play an active role in social projects and initiatives by, for instance, being a partner for *Habitat for Humanity International*. All these aspects are essential prerequisites for a sustainable increase of the organization’s value with regards to ecological, social, and economic issues.

## Relevant SDGs related to the entire Wienerberger Group







## Environment



### Decarbonization

**-15%**

fewer CO<sub>2</sub> emissions compared to 2020



### Recycling economy

**100%**

of our new products are designed for reuse or recycling



### Biodiversity

**100%**

biodiversity programs for all our sites

## Social



### Diversity

**>15%**

women in senior management

**>30%**

women employed



### Education and Development

**10%**

more training hours per employee compared to 2020



### CSR projects

**200**

residential units per year for people in need with our products in our local markets

## Governance



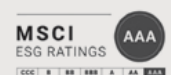
obliged to observe the highest national and international **governance standards**

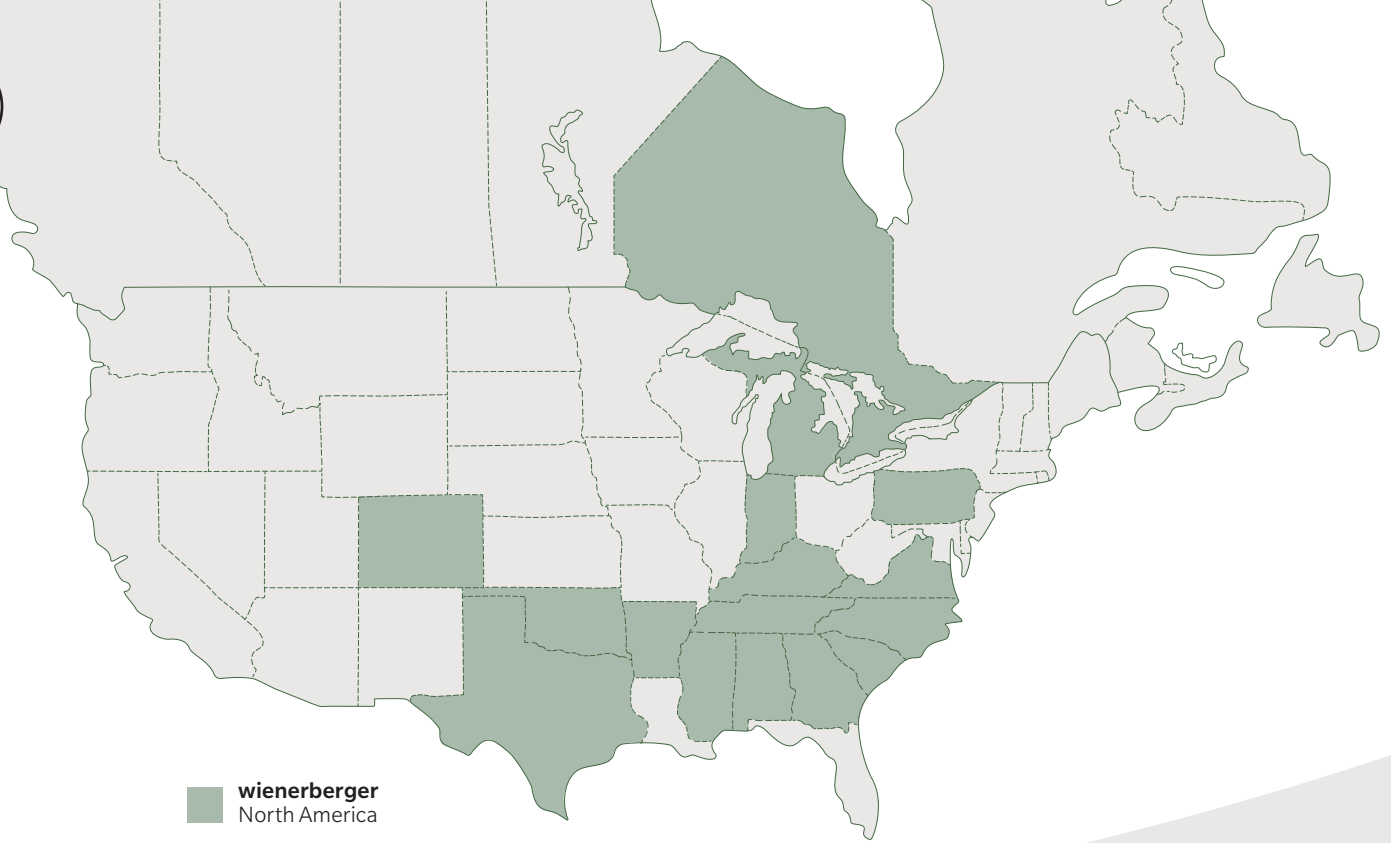
### Governance standards

#### consistent focus on:

- › corporate strategy
- › diversity and composition of institutions
- › remuneration of management
- › succession management

## Ratings and awards confirm our sustainability strategy





# Internationally leading supplier of innovative solutions

wienerberger provides innovative and ecological solutions for the entire building envelope in the fields of new buildings and renovations, as well as infrastructure in water and energy management. We are represented with more than 200 production sites in Europe, North America, and India, and we operate in international markets through exports.

## wienerberger in North America

In North America, wienerberger emphasizes innovative products and solutions in the fields of fair-faced bricks, concrete and limestone products, and plastic pipes for infrastructure and building installations.

## wienerberger in Europe

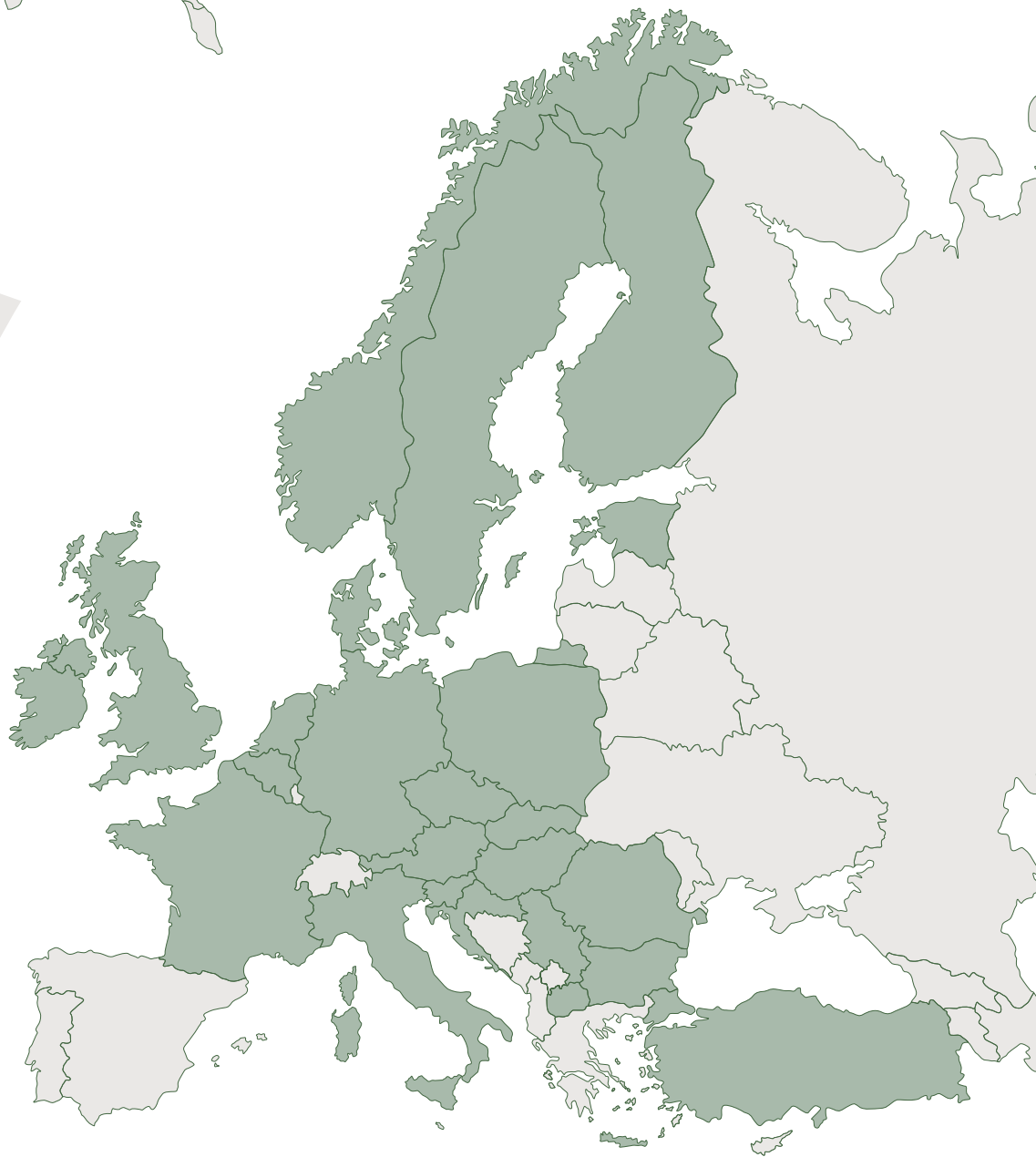
In Europe, wienerberger provides innovative solutions for the entire building envelope with a wide range of backing and fair-faced bricks, roof tiles, and surface pavings. Additionally, we are the market leader in plastic and ceramic pipe solutions for water management, energy supply, and building installations.

## wienerberger in India

In India, the birthplace of clay brick architecture, wienerberger emphasizes back brick solutions.



**wienerberger**  
in India



**wienerberger**  
in Europe



”  
We concentrate on providing safe, innovative,  
and ecological solutions, which are produced  
with the lowest possible impact on  
the environment and society. “



# Infrastructure solutions for water and energy management

## Innovative pipe solutions for infrastructure, building, and agriculture

Pipelife by wienerberger is a leading provider of pipe system solutions for infrastructure, buildings, and agriculture. With our sites in 24 countries, we provide municipalities worldwide with a safe, healthy, and care-free life for current and future generations. Our holistic solutions from a single supplier support agriculture, municipalities, and communities in their intentions to minimize pipeline losses, improve drinking water management in conurbations, plan maintenance cycles of pipes more efficiently, and to make ideal use of increasing digitalization.

Regardless of whether the pipes are behind walls, in the floor, underground, or at the bottom of the sea – our solutions may be hidden, but they are always part of our life. Pipelife time and again proves its innovative strength and pushes development even further, e.g., with its *Preflex Spider* system, a prefabricated product solution which reduces installment time by up to 30% with 100% accuracy. Pipelife also developed a sustainable rainwater management system in order to protect against extreme weather situations, such as heavy rains and droughts. Under the brand *Soluforce*, Pipelife provides the worldwide first hydrogen-certified plastic pipe solution for the transport of renewable energies such as hydrogen or biogas.





**24**  
countries



**34**  
production sites



**>3,700**  
employees



**~ € 1.4 bn**  
turnover (2022)

**>21**  
circumnavigations

**855,608 km**  
pipes laid

**Soluforce**  
first hydrogen-certified pipe system





”  
*We create space for sustainable,  
healthy, and affordable living.* “



# Solutions for building envelopes

## **Innovative and ecological solutions for roofs, walls, and facades**

wienerberger produces roof, wall, and facade solutions at 149 sites in Europe, and operates as a local partner in 23 countries. We are the global market leader in backing bricks and as such, wienerberger provides construction material for load-bearing exterior and interior walls as well as for non-load-bearing partition walls or infills in ferroconcrete skeleton constructions. We are #1 in Europe in fair-faced bricks for facades and interior walls as well as in clay roof tiles. wienerberger provides attractive solutions for public spaces and landscape and garden design with our surface pavings.

From heat waves to storms: extreme weather situations are increasing everywhere, which makes adapting to climate change through climate-resilient building solutions increasingly more important.

Brick buildings are climate resilient by nature. Additionally, wall systems made of clay reduce their overall impact on the environment through their over 100-year lifespan as well as their good insulation properties and high storage mass.

With regards to the current challenges that we have to face in the construction industry (from a lack of experts to efficient production), wienerberger counts on automation, amongst other things. In 2022, a construction robot built a complete backing brick house for wienerberger for the first time. The robot not only speeds up the process of building, but it also lays bricks with a precision of up to a millimeter. This forward-looking technology makes it possible to realize living space faster, more cost-efficiently, and with high quality standards.





Wienerberger nv/sa, Architect: Groep Infrabo, Westerio





”  
*We emphasize organic growth through innovations,  
 a sustainable product range, and clear ESG goals.* “

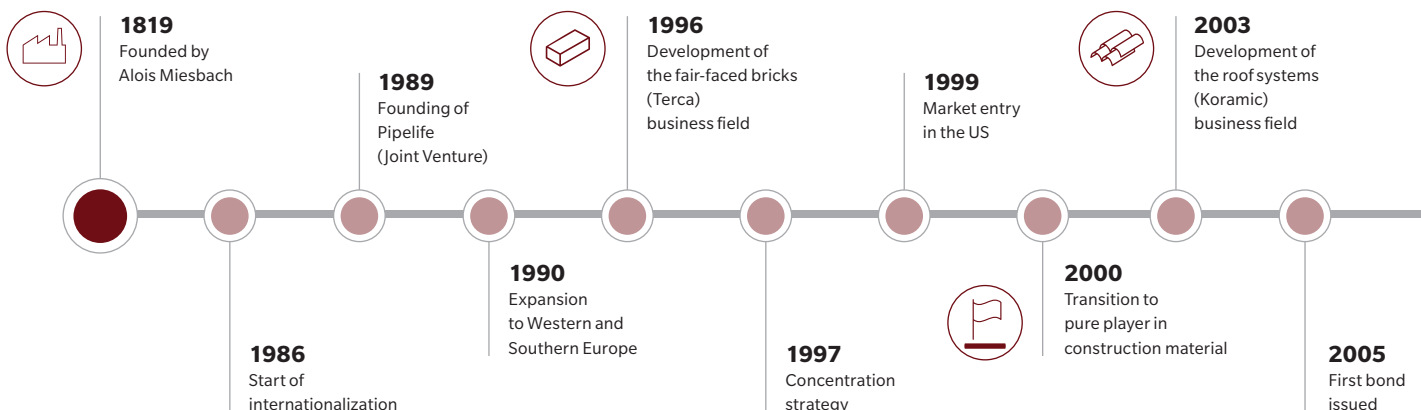


# Together for a better tomorrow

Wienerberger Group is one of the leading providers of innovative, ecological solutions for the entire building envelope, as well as for infrastructure in water and energy management. Since 1819, we have improved people’s lives with our more than 19,000 employees. Our products and solutions make energy-efficient, healthy, climate-friendly, and affordable living possible worldwide.

We are #1 in brick production worldwide and in clay roof tile production in Europe, with over 200 production sites in 27 countries. Additionally, we are the leading providers of pipe systems and surface pavings in Europe.

Wienerberger Group invested approx. €20 million in research and development in 2022 in order to safeguard the costs and leading position in technology, and to strengthen our market position through product innovations.







## Why invest in wienerberger?

- › wienerberger shares have been listed on the Vienna Exchange since 1869. The organization is a true publicly held company whose shares are 100% free float.
- › Our leading market position, strong brand, and our experienced local management team make us a respectable local partner with close contacts to decision makers.
- › Diversified business model including housing, renovation, and infrastructure in 27 countries.

### Strong commitment to ESGs

- › Solutions for CO<sub>2</sub>-free buildings, not only through our sustainable materials for the building envelope, but also through our research in water and energy management.
- › Our solutions and their energy efficiency contribute positively to climate protection in summer as well as in winter. We improve the energy efficiency<sup>1)</sup> of facades/roofs by > 80%.

- › Our innovative infrastructure solutions ensure resource-friendly handling of our precious resource, water.
- › Our solutions have a lifespan of > 100 years.

### Added value for our shareholders through stable profit growth

#### Organic growth through innovation:

Thanks to our high innovation rate of more than 30%, we were able to have an organic turnover growth of on average + 8% between 2012–2022.

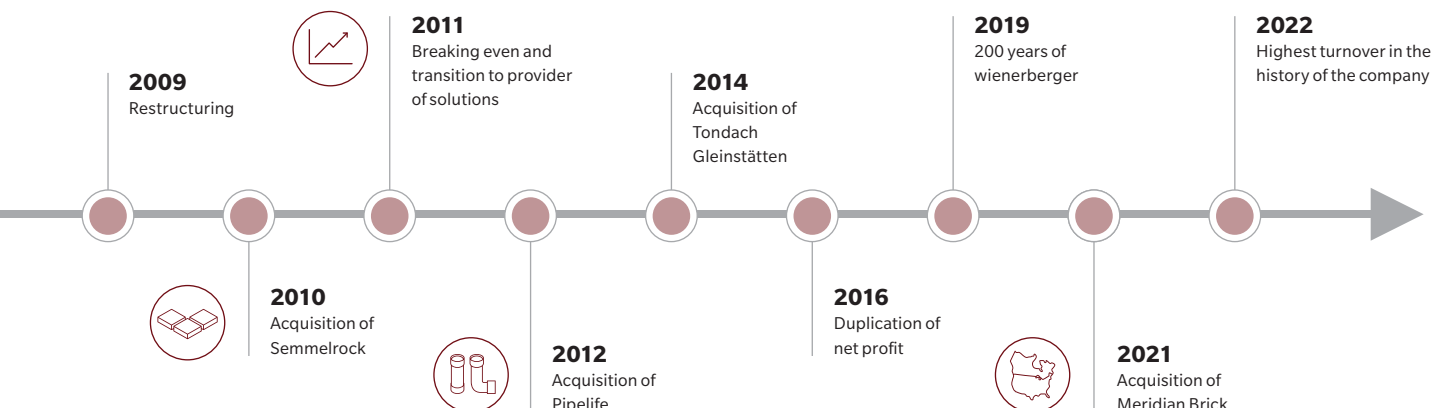
#### Operational excellence:

With our consistent effort to take measures for increasing efficiency, we improved our results between 2018 and 2022 by €200 million.

#### Inorganic growth through corporate takeovers:

Corporate takeovers are a given part of our growth strategy. In addition to attractive evaluations, we also took over and successfully integrated 40 companies in the past 12 years.

<sup>1)</sup> vs reference year 1970



# Innovative solutions for the world of tomorrow



Scan this page with a QR code reader  
and discover the world of **wienerberger!**

**Gender-sensitive formulation**

In the interest of text flow and reader-friendliness, gender-specific differentiation has been predominantly avoided in this brochure. In the interest of equal treatment, the corresponding terms apply to all genders.

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Wienerberger AG  
A-1100 Wien, Wienerbergerplatz 1  
T +43 1 601 92 0

**If you have any questions, please contact:**

Claudia Hajdinyak  
Head of Corporate Communications

**Creative support**

DA\*DARUM

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DATA & FACTS

world of **wienerberger**