



# SUSTAINABILITY AND BIODIVERSITY AT WIENERBERGER

Our biodiversity ambassadors make it happen

27/11/2024

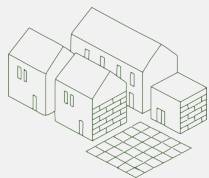
Mark van Loon

wienerberger

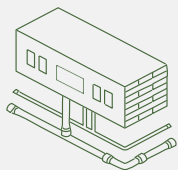
SVP Corporate Sustainability & Innovation

world of **wienerberger**

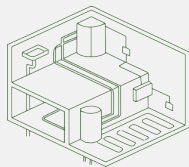
## 3 Business Areas



**Building  
envelope**



**Water & Energy  
Management**



**In-House  
Applications**

## 3 Key Facts

**244 plants**  
and numerous partners

**~20,000 employees**  
in 28 countries across Europe,  
North America & India

**€ 4,223 mn\***  
revenues

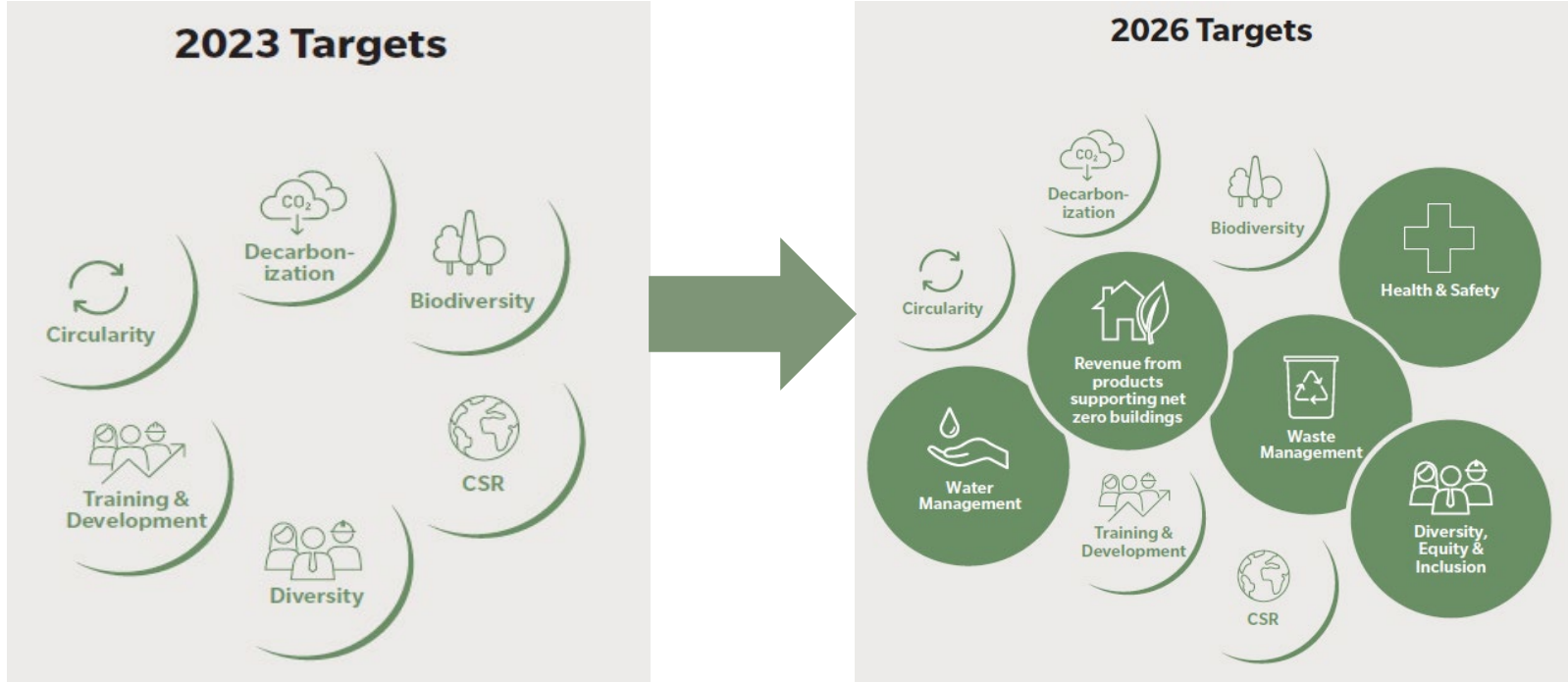
## 1 Clear Goal



**Improving people's  
quality of life**  
by providing outstanding  
solutions for new build,  
renovation, and infrastructure



## BIODIVERSITY IS BUILT INTO OUR SUSTAINABILITY PROGRAM



# SHAPING THE INDUSTRY



**Less CO<sub>2</sub> with climate-neutral buildings and resource-saving use of water**



**70%** today **75%** by 2026

Increase in sales of building products, that contribute to zero-energy buildings



**35 mn m<sup>3</sup> Wasser**

of water obtained through our products, retained, saved

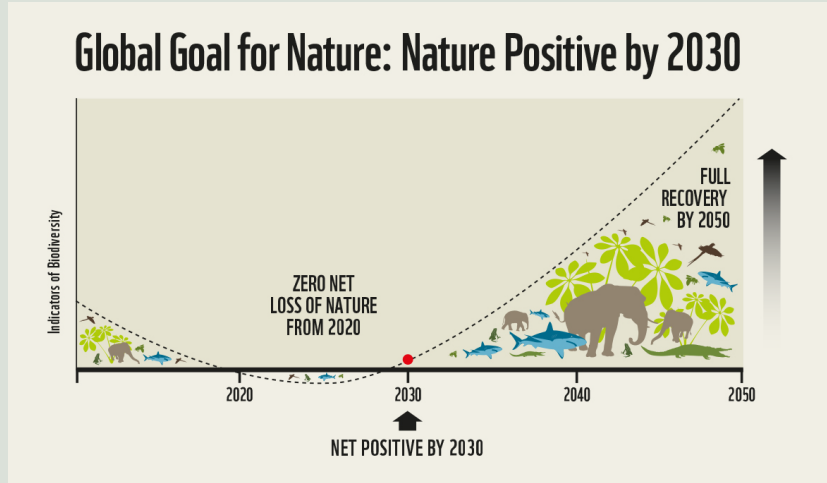




# BIODIVERSITY AT WIENERBERGER



## WHY WE CARE



- › Decline in biodiversity
- › December 2021: COP15 biodiversity
- › EU 2030 biodiversity strategy





# HOW WE DO IT

## QUARRIES (Zonnebeke, Belgium)



Long heritage on quarry sites

*Combining nature with economy, water regulation, recreational, etc.*



## HOW WE DO IT BIODIVERSITY PROGRAM



### *Wienerberger on a journey towards Nature Positive*

Integrated biodiversity strategy includes:

Production sites, Quarries, Property lands, External cooperation projects

# HOW WE DO IT

## BIODIVERSITY PROGRAM

2023

2026

*Target of our Sustainability Program 2023*



**100%**

**Biodiversity Program to  
be implemented at all our  
production sites**

We have set ourselves a clear goal: By 2023, implement a biodiversity action plan based on the Wienerberger Biodiversity Program at all Wienerberger production sites.

- › Biodiversity Action Plans
- › Biodiversity ambassadors
- › Tree planting initiative



# HOW WE DO IT

## BIODIVERSITY PROGRAM 2020-2023



Baseline monitoring



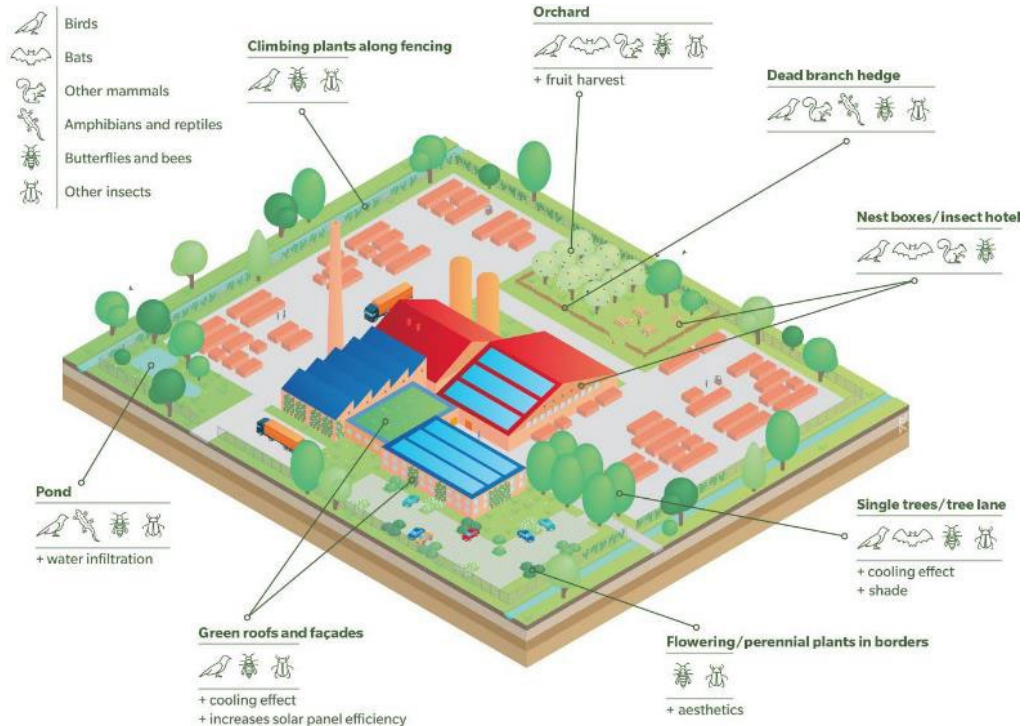


# WHAT WE DO BIODIVERSITY PROGRAM

## BIODIVERSITY ACTION PLAN

### Including:

- Measures for urban biodiversity
- Water management
- Heat stress reduction
- Own products and solutions
- Employee wellbeing



# BIODIVERSITY PROGRAM MONITORING AND DIGITALIZATION



## MONITORING OF THREE SPECIES GROUPS (BIRDS, BUTTERFLIES, BEES)

- First baseline by external experts
- Monitoring by our biodiversity ambassadors

## DIGITALIZATION OF TOOLS

- Business model

# BIODIVERSITY PROGRAM

## IMPLEMENTED MEASURES

OFFICES (Londerzeel, Belgium)



› MAY 2023

› JUNE 2023

› JULY 2023

› SEPTEMBER 2023



# BIODIVERSITY PROGRAM

## IMPLEMENTED MEASURES PRODUCTION SITES

### PRODUCTION SITES



# ECO-HABITAT

## WIENERBERGER PRODUCTS

### SOLUTIONS WE OFFER: BRICKS AND TILES

- › Architects want integrated (discreet) designs
- › Standard brick dimension formats
- › Suiting the needs of the fauna species



# ECO-HABITAT WIENERBERGER PRODUCTS





## SUMMARY

- › Globally implemented at 210 locations
  - › Digitally mapped
  - › Identifying urban biodiversity potential
  - › Implementing and monitoring with own staff
- › Opportunities to cooperate with:
  - › Employees
  - › Local communities (schools, neighbours)
  - › Nature organisations
  - › Stakeholders

[wienerberger\\_sustainability The Movie](#)



# STRATEGIC ESG OPPORTUNITIES FOR WIENERBERGER





# URBAN INNOVATION WITHOUT ACTIVE HEATING AND COOLING



## **ROBIN 2226 SEESTADT**, Vienna

Smart showcase project that requires no heating or cooling.

Built with 2 x 38 cm bricks

Architecture: baumschlager eberle,  
Lustenau

Building owner: Soravia

Start of construction: November 2022



## **Fachhochschule**, Pinkafeld

Addition to the FH Campus following the 2226 principle

Built with 2 x 38 cm bricks in combination with Porothersm 50 W.i

Architecture: PXT Pichler Traupmann, Wien

Building owner: Landesimmobilien GesmbH  
Burgenland

Start of construction: summer 2024



## ESG STRATEGIC OPPORTUNITIES

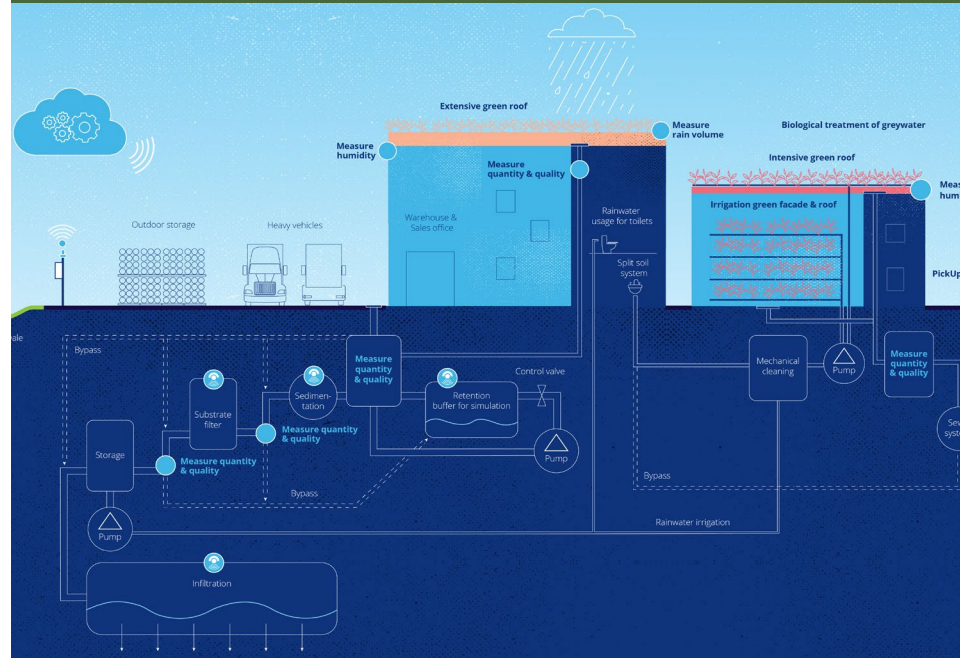
# WATER CYCLE – RAINWATER MANAGEMENT/ USE CASE LINZ

## SUPPORTING THE WATER CYCLE

- ✓ The most modern rainwater management system in Europe: collects, cleans, stores and (re)uses or infiltrates rainwater on your own land
- ✓ → This supports the natural water cycle.



## RAINWATER AND GREYWATER USAGE





A wide-angle photograph of a large, circular underground tunnel under construction. The tunnel walls are made of rough, textured concrete. In the foreground, a yellow Doka loader with a license plate 'S-821VT' is parked on a wet, reflective floor. The loader has a '25' on its side and a 'doka' logo on its front. In the background, the tunnel continues into the distance, with a bright light source at the far end creating a strong perspective. Various cables and construction equipment are visible along the walls and ceiling of the tunnel.

# BRICKS FROM VIENNA SUBWAY EXCAVATION

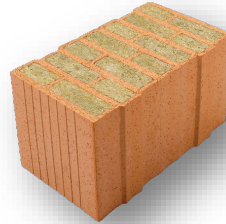
world of **wienerberger**



## 35.000 M<sup>3</sup> EXCAVATION EQUAL...



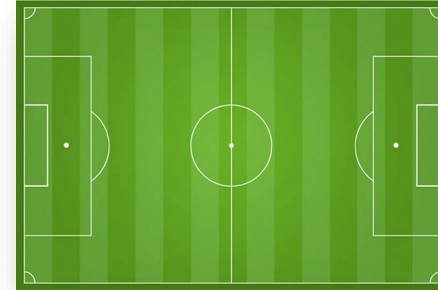
60.000 pallets



2,8m units of  
Porotherm 44 W.i



2.120 truck trains



16 football fields



1.000 single family homes



## CIRCULARITY CLICKBRICK PURE

- › Installation mortar free 100% circular  
garanteed return and value



- › On-site robot  
2023 first projects



## **Wevolt Design Roofs**

