



#IWTS 2.0 12.01.2021

## Best-Practice Seminar zur Binnenschifffahrt

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**Kristof Decroos**  
Wienerberger N.V.

*"Houses on water"  
bricks from road to waterway*



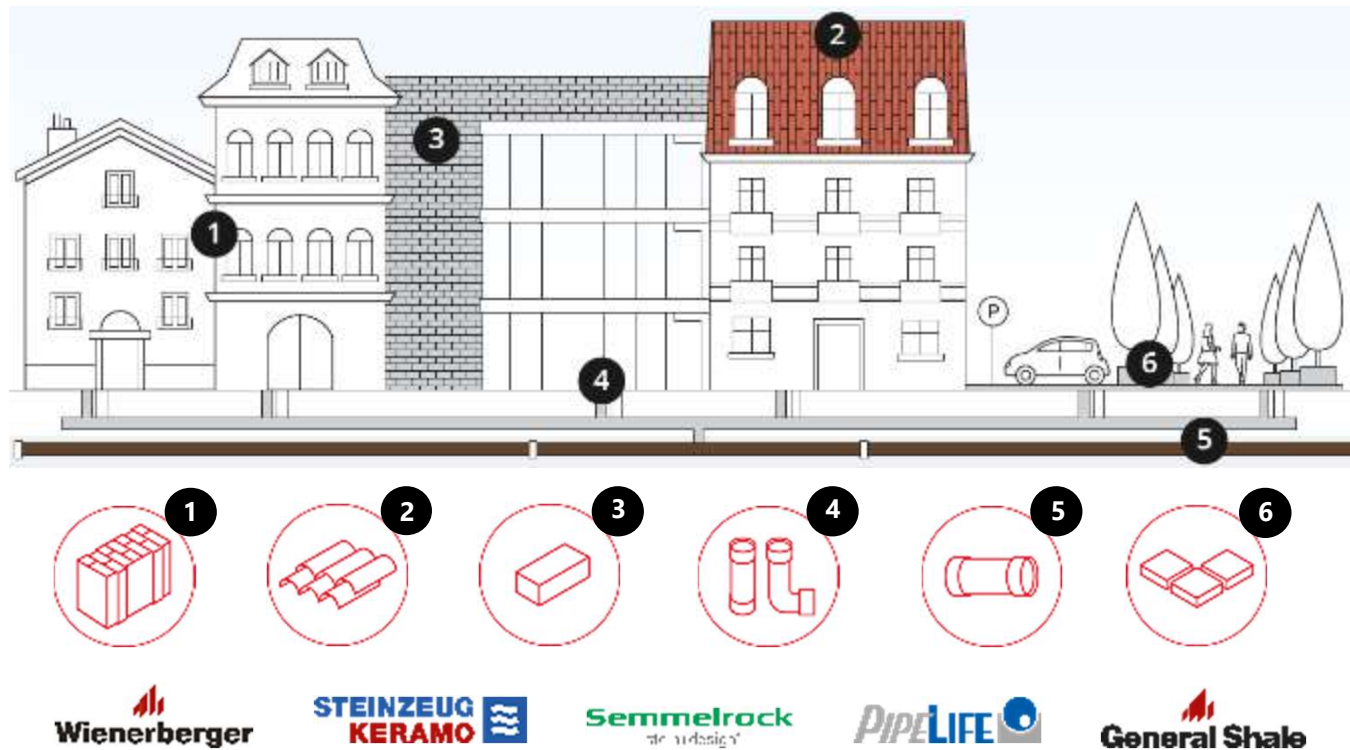


## The Wienerberger Group at a Glance

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# System provider for the entire building envelope and for infrastructure solutions

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# System provider for the entire building envelope and for infrastructure solutions

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## Wall solutions

High-tech bricks for a comfortable and healthy indoor climate



## Roof solutions

Design element and protection in many different shapes and colors



## Ceramic pipes and fittings

System solutions for modern wastewater disposal



## Clay and concrete pavers

High resistance and lasting aesthetics for private gardens and public spaces



## Facade solutions

Innovative product range for modern architecture and multi-storey buildings



## Plastic pipes

Piping solutions for infrastructure, in-house installation and agriculture

# The Success Story of our Group: A city per year built with our products

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**170,000**  
houses built



**11,700,000**  
m<sup>2</sup> of surface paved



**293,000**  
roofs covered



**757,425**  
km of pipes laid

# System provider for the entire building envelope and for infrastructure solutions

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**17,234**  
employees



Record revenues of  
**€ 3.5** billion



**201** production sites  
in **30** countries



EBITDA of  
**€ 587** million



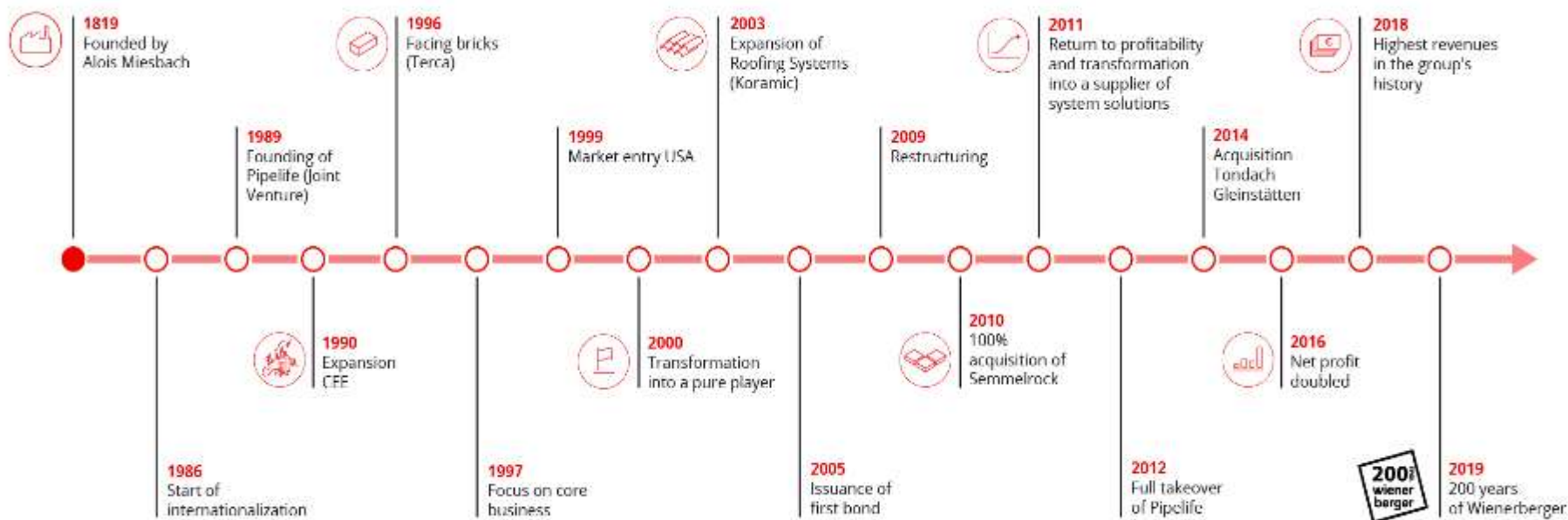
**6** product groups for building  
material solutions



**100%**  
free float company

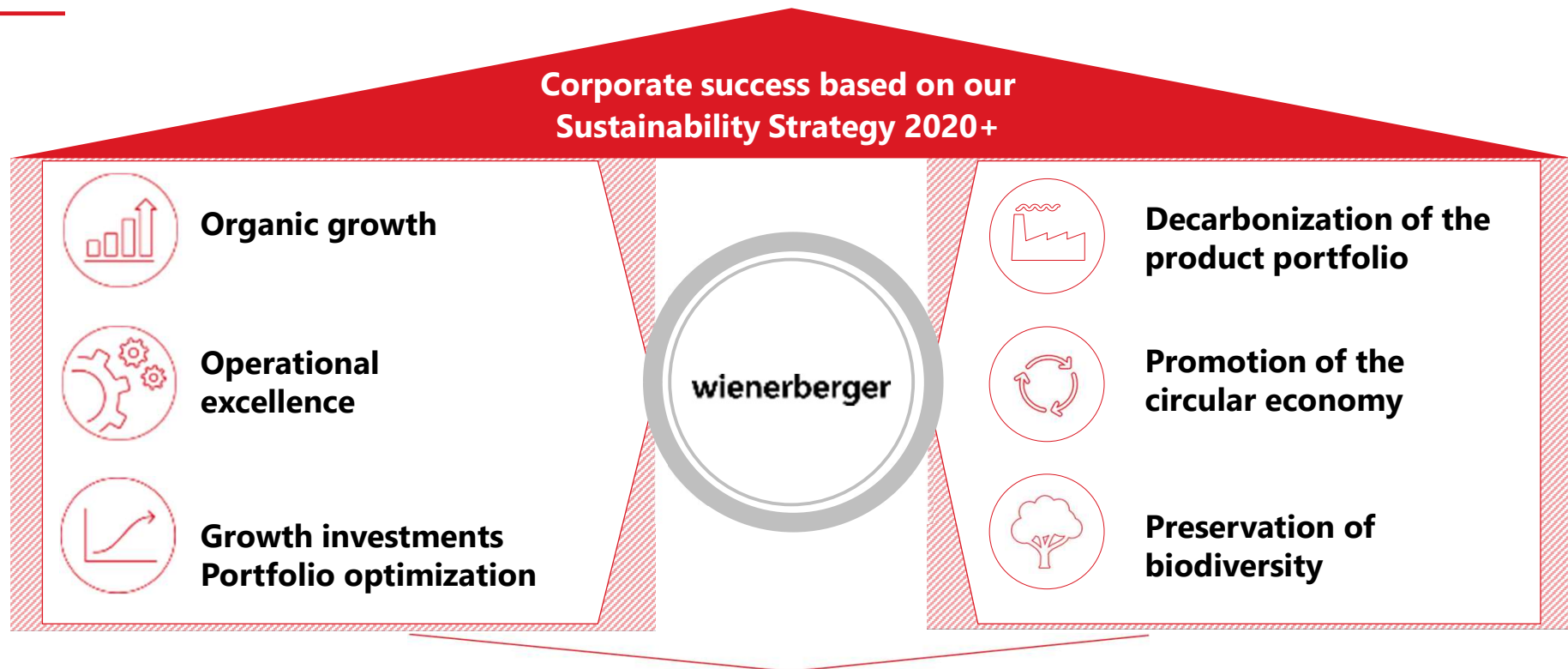
# History of the Wienerberger Group

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# Our Strategy for Success with a Clear Commitment to Sustainability

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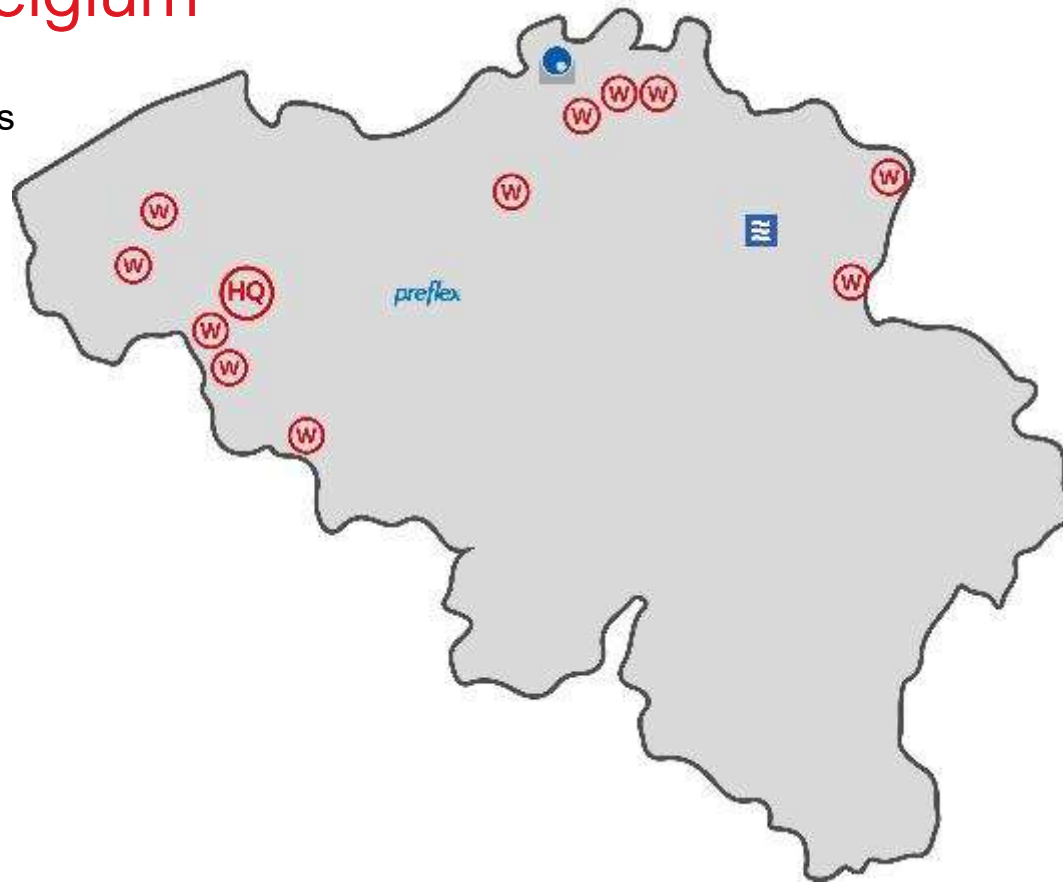


**We anticipate and promote technological developments in order to create added value for our customers**



# Wienerberger Belgium

- Wienerberger Building Solutions
- Preflex
- Pipelife
- Steinzeug-Keramo



Wienerberger

**Wienerberger**

## Wienerberger Belgium Road Transport

**wienerberger**



## Wienerberger Belgium

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Julius Caesar

De bello Gallico  
100 B.C.

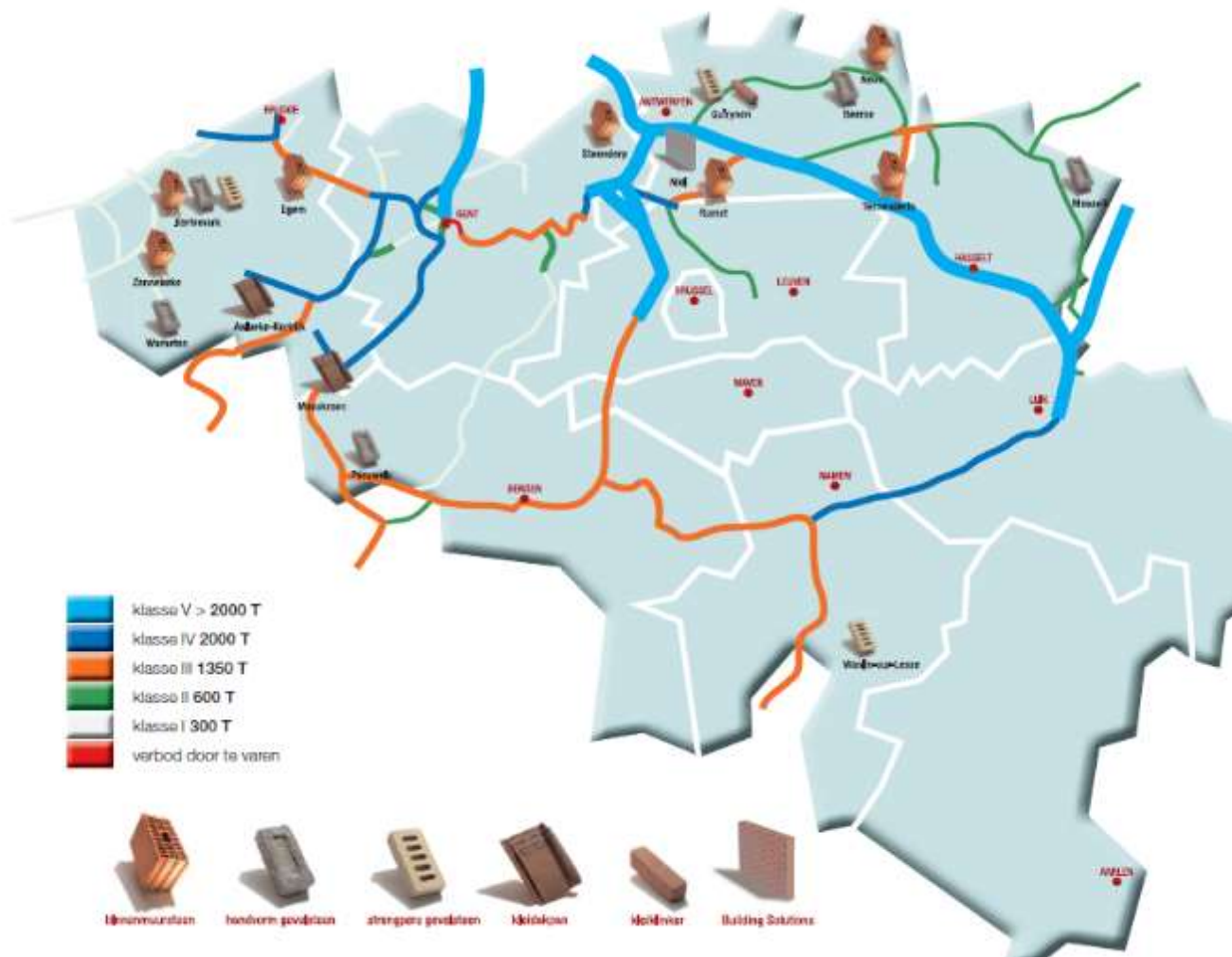
***"Horum omnium fortissimi  
sunt Belgae"***

  
**Wienerberger**

# IWTS case Wienerberger Belgium

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## closed loop B<sup>3</sup> : Beerse – Bornem – Brussels key elements

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- > bricks (pallets) WB Beerse plant → Bornem logistical platform ... → UK (coaster)
- > grounds Brussels → WB Beerse plant (refill quarry)

- > 2 vessels, 400 ton/load ('Kempenaar')
- > approx. 150 km trip (x2)
- > 3 loads/wk
- > approx. 50.000 ton/yr (bricks)  
+ 50.000 ton/yr (ground)





**pallet-handling**

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platform + forklifts



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Crane+clamp + forklifts

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Crane+hook + forklifts

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Crane+platform + forklifts

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Crane+cage + forklifts

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larger dedicated crane-ship (2000-2500 ton)

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— Pallet Shuttle Barge / dedicated crane-ship  
Blue Line Logistics – “Zulu”

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— Pallet Shuttle Barge / dedicated crane-ship 250-300 ton  
Blue Line Logistics – “Zulu”

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## Coasters (North Sea) 2500 tons

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Coasters (North Sea) 2500 tons

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Ro-Ro

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## Some final remarks

### Your questions ... ?

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- > modal shift requires a professional project management approach
- > long-term partnerships
  
- > bulk is 'easy' , pallets are more/very complex
- > handling and pre/post-treatment increases (+ at a cost)
  
- > large, steady volumes – flexibility/agility is higher via road
- > longer distances
  
- > sustainability? not all (inland) ships are as sustainable → old vessels, EURO-II? engines exhaust, pre/post-handling, ...