



## Importance and Interest of End of Waste Regulation : Point of view of Heidelberg Materials – Cement Industry

Webinar Circular Economy | SPW | End of Waste | F.Peigneux  
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## Heidelberg Materials is one of the world's largest building materials companies



**51.000**

employees  
on 5 continents



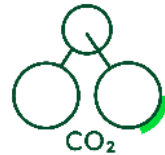
**3.000**

locations  
worldwide



**50+**

countries



**1<sup>st</sup>**

large scale CCS  
cement plant  
in the world



**21,2 bn**

revenues in 2023



**534kg/t cem**

net CO<sub>2</sub> emissions 2023



## The Benelux entity at a glance



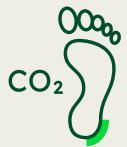
Fully integrated company serving the construction industry with cement, aggregates and concrete



± 2.000 employees, 1.500 in Belgium



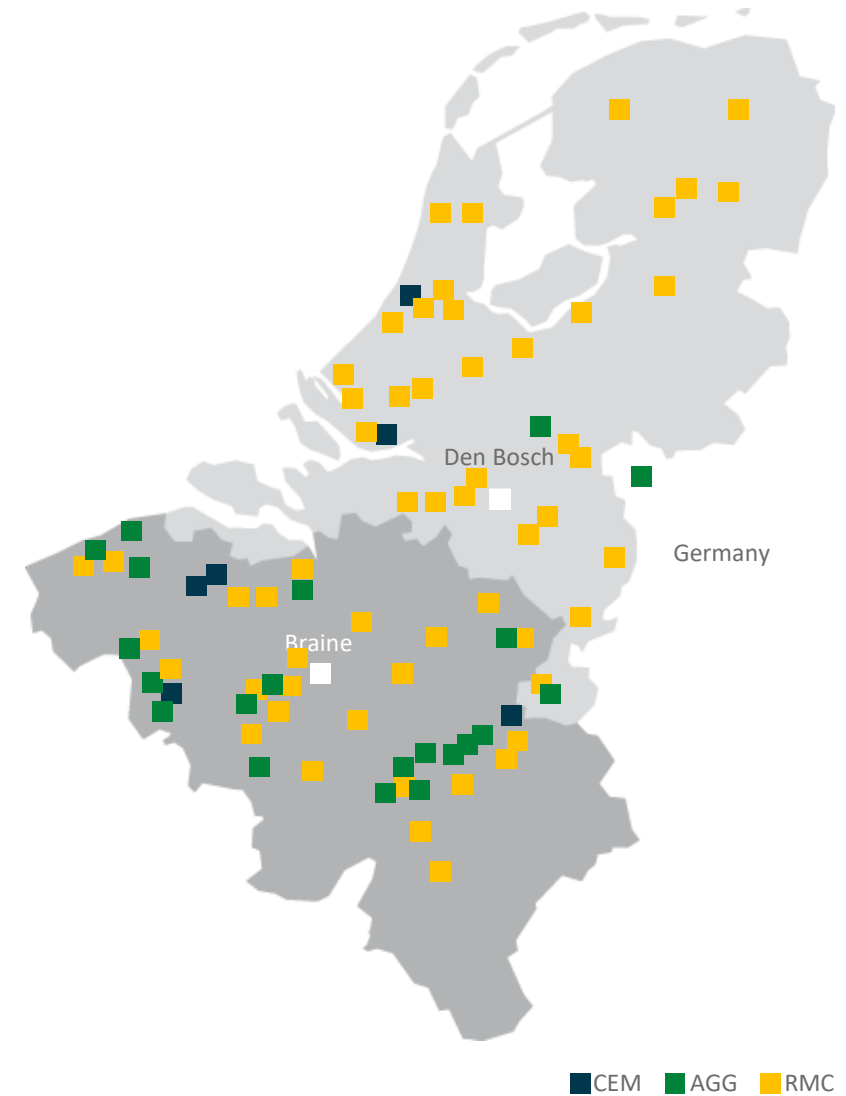
5 cement plants, producing ± 4Mt cement/y



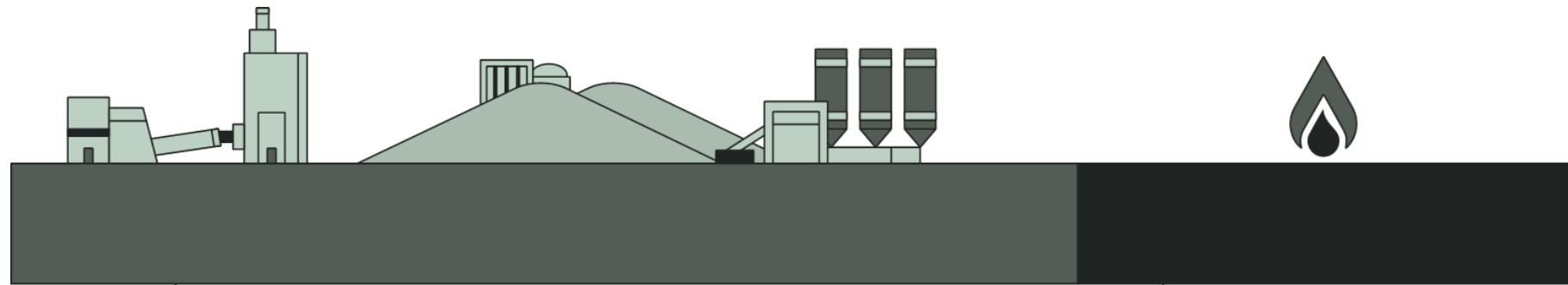
< 400kg/t cement (vs. 534kg/t at Group level)



2% of Belgium industrial emissions



# CO<sub>2</sub> emissions from clinker production



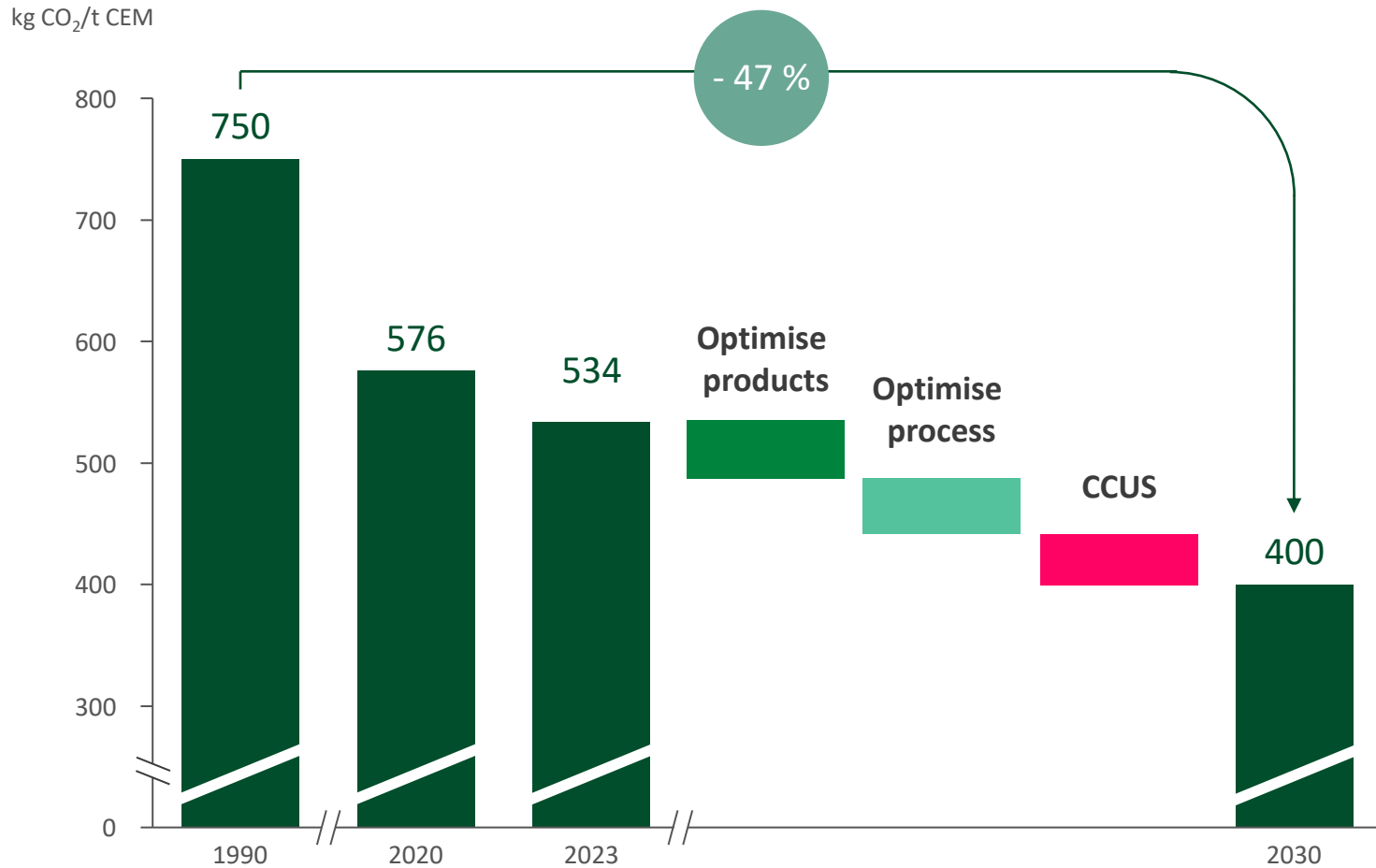
Inevitable Process CO<sub>2</sub>

**68%**

Combustion CO<sub>2</sub>

**32%**

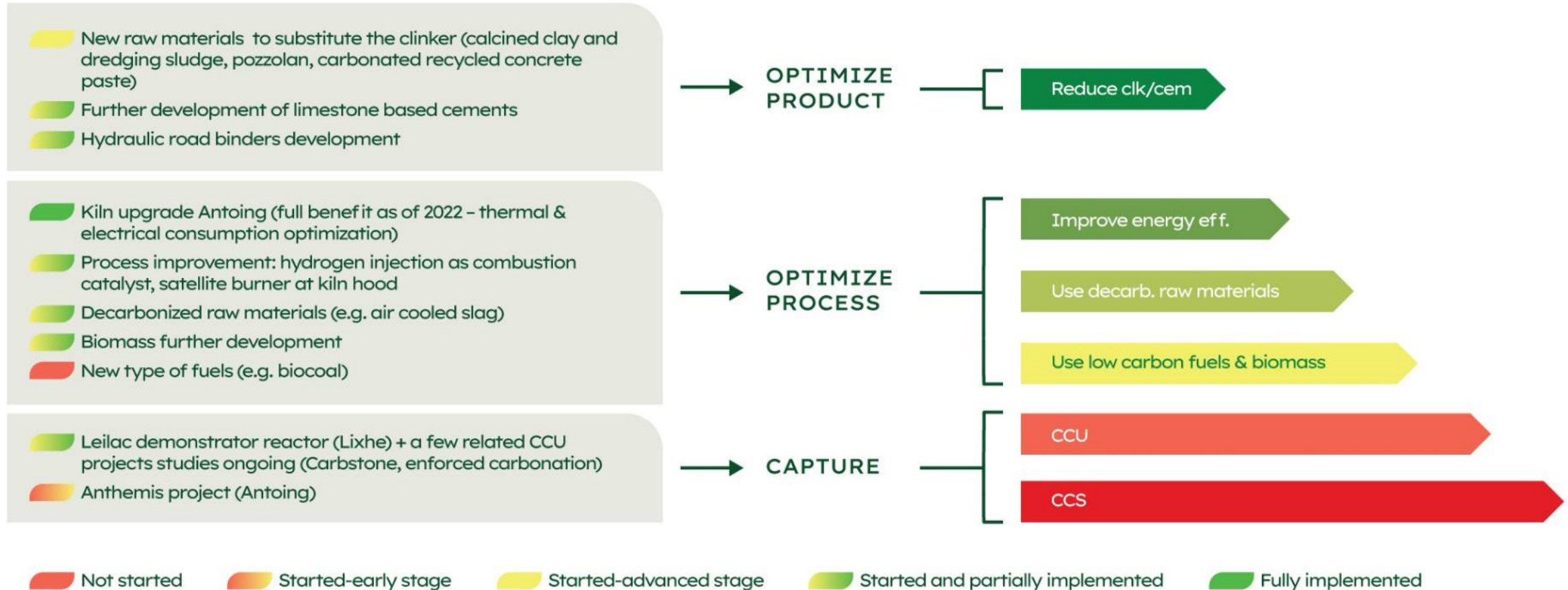
# We have set ambitious 2030 targets on the way towards Net Zero 2050



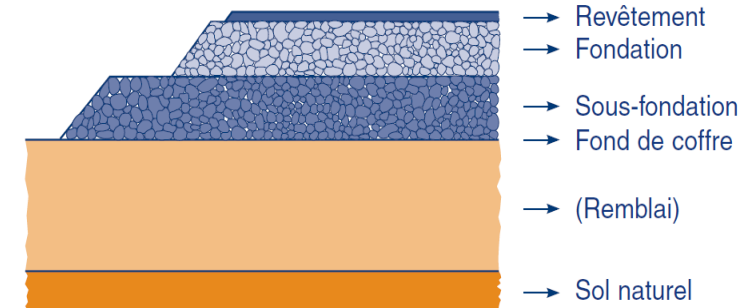
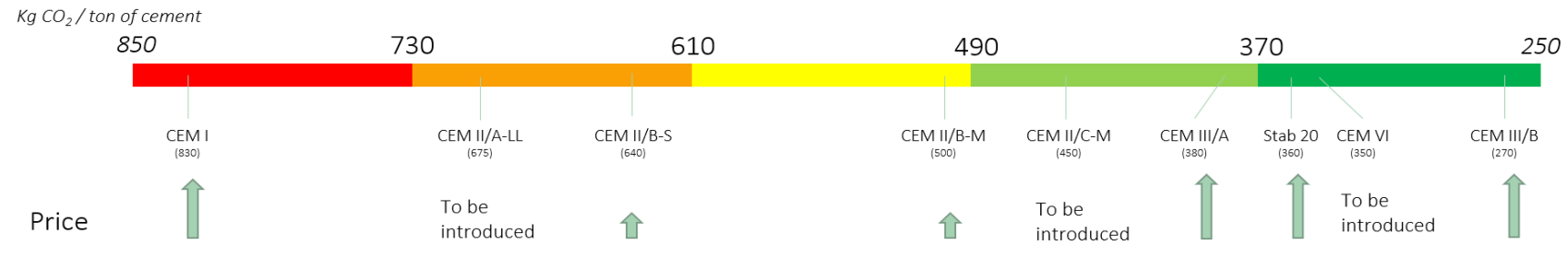
## Levers to reach our 2030 targets

- Products**  
Clinker incorporation <68% Drive circularity
- Process**  
45% Alternative fuels rate  
20% Biomass fuels rate
- CCUS**  
10 mt CO<sub>2</sub> captured by 2030 (cumulative)

# HM Antoing CO<sub>2</sub> Hierarchy: Projects & Initiatives



## Norms and Certification of products : key elements for market uptake



- End of Waste Regulation
- REACH
- CPR (Construction Product Regulation)

- Regional / MS and application may be challenging
- Pragmatism, Efficiency, and Precaution at work : Quality and Environment





# Take-aways on EOW HM's perspective



## EOW key for Circularity

- **Circular products** are key on the **carbon neutrality path** of our cement industry since product formulation & **composition one of the key levers** to decarbonize the Construction industry

## Alignment of Regulations

**EOW, REACH, CPR, CO2** legal provisions are parts of the regulatory framework that needs to **be aligned to enable Circular Economy in Practice and Market uptake of Recycled & Low carbon Products**

## Recognition EOW crucial

**Cross boarder recognition of EOW essential** in an international context of upstream and downstream market

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**End-of-Waste is an important piece of the regulatory framework for the Heavy Building Materials Industry, on its road to a sustainable future**

Fredericq Peigneux, Heidelberg Materials Benelux







Heidelberg  
Materials