



The future of the European precast concrete industry

On behalf of
Bart VAN MELICK
President



BIBM – The Federation of the European Precast Concrete industry

The Precast Sector in Europe

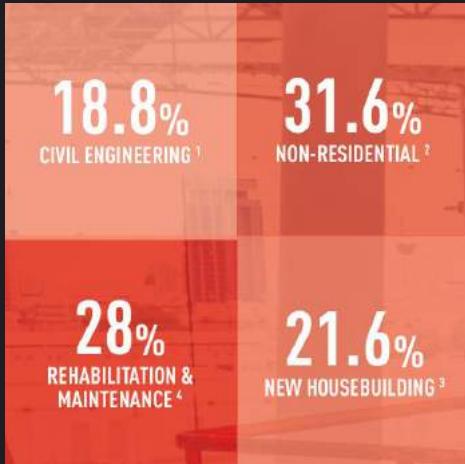
30 B€ turnover

160.000 workers

6.500 production plants



The Construction Sector

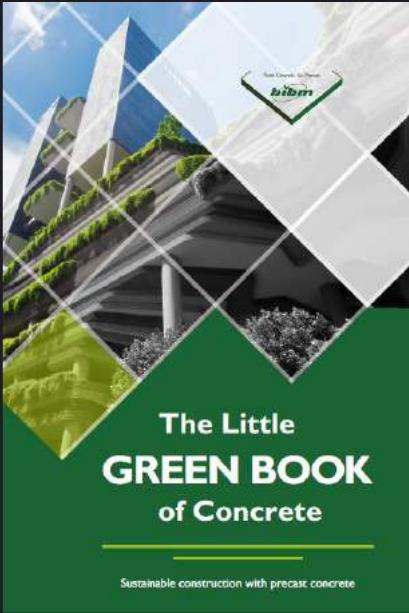


Source: FIEC report 2020

Challenges

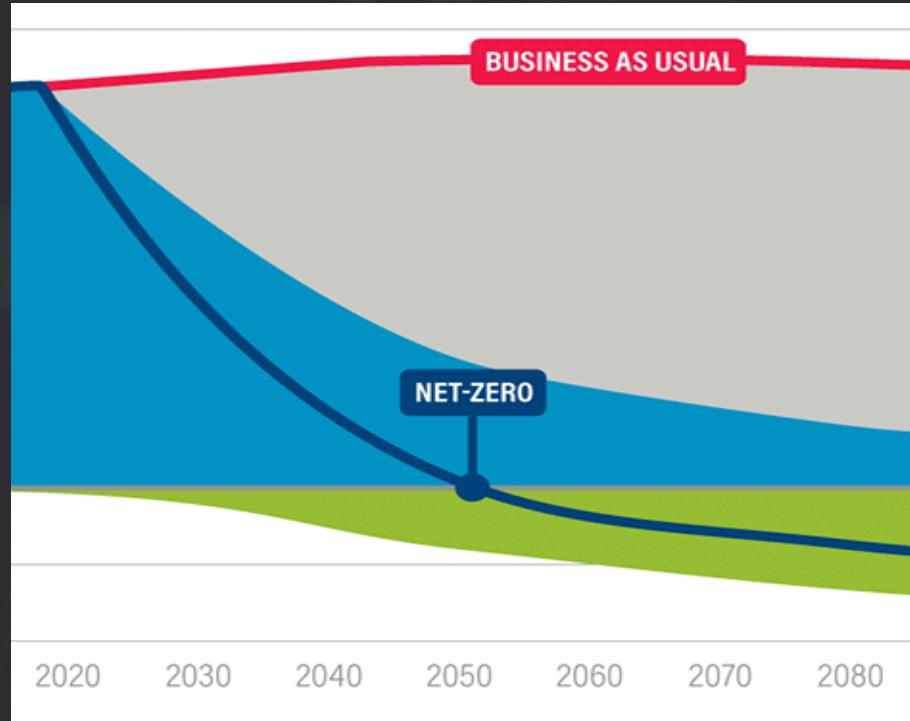
- Infrastructures
- New housing
- Shortage of labour
- Shortage of materials

Advantages of Precast



1.	On the way to zero carbon	6
2.	Regional circular economy	24
3.	Resource efficiency	48
4.	Adaptation to climate change	66
5.	Achieving green building with precast	88
6.	Human well-being	108
7.	Future cities and buildings	136
8.	Precast, construction of the future	154

The CO₂ issue



Industry answer



From GCCA 2050 Cement and Concrete Industry Roadmap for Net-Zero Concrete



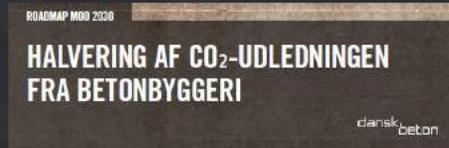
NATIONAL LEVEL



MPA (UK)



SVENSK BETONG (SE)



DASK BETON (DK)

The timber challenge



BIO-BASED

VS.



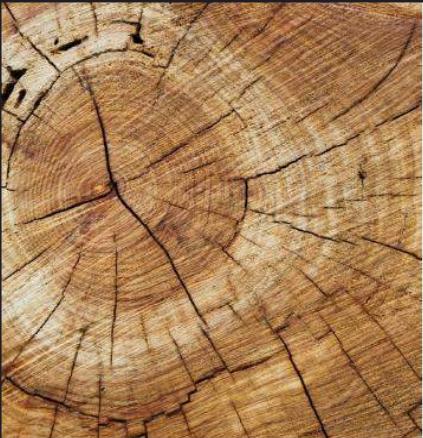
MINERAL-BASED



“ We know that the construction sector can even be turned from a carbon source into a sink, if organic building materials like wood and smart technologies like AI are applied.”

Ursula von der Leyen
President of the European Commission
State of the Union Address, 16/09/2020

Industry answer



Scientific bases for the assessment of sustainability impacts in the construction sector

Fair Construction Rules - GWP

"Bridging the biobased bias" by LBP|SIGHT and Royal HaskoningDHV

Monday, 28 June 2021



http://www.constructionrules.eu



Move forward



We need to:

- Be prepared for the future
- Keep on innovating/improving
 - Congress
- Work together
 - National level
 - European level

The Congress



Digital transformation

Circular Economy

Shaping the landscape

Decarbonisation

Architecture

New business models



Thank you!

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