



**NET-ZERO
INDUSTRIES**
MISSION

INDUSTRY INSIGHTS | WEBINAR SERIES

NET-ZERO CEMENT: BUILDING A SUSTAINABLE FUTURE

19 March 2025



Net-Zero Industries Mission (NIM)

The challenge

- Energy-intensive industries (steel, cement, chemicals, and users of high temperature heat) are responsible for around **25 % of GHG emissions worldwide**
- Energy-intensive industry is **the most expensive sector to decarbonize**
- Some low carbon **technologies are not yet available at commercial scale**

Mission Goals



- ✓ Support the global implementation of at least **50 large-scale demonstration projects** by 2030.



- ✓ Fast-track the development of **breakthrough low-emission technologies to TRL 8.**



- ✓ **Reduce capital expenditure** on low-emission innovative technologies **by over 15%.**

Agenda

Welcome

by the Net-Zero Industries Mission

Keynote: Decarbonising the Cement and Concrete Industry

Paul Adeleke, Strategy, Communications & Policy Director, Global Cement and Concrete Association – GCCA

Carbon2Business – From an emission to a raw material

Florian Kleinwächter, BDM CCUS at Holcim

LC3 cement – the immediately scalable low carbon cement

Anne Dekeukelaere, ED Centre for Worldwide Sustainable Construction (CWSC) at EPFL

Solar Clinker

Davide Zampini, Vice President CEMEX Global R&D

Ending Note

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