

#### ABOUT HEIDELBERGCEMENT

#### HC is the largest vertically integrated building materials producer in the world

- **53,000** employees
- Leading market positions in aggregates, cement, and ready-mixed concrete
- 3,000 production sites in more than 50 countries
- Cement capacity 184 mt (incl. joint ventures)
- Aggregates resources and reserves 19.2 bnt

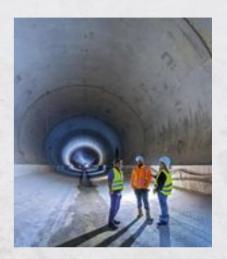




# Concrete is essential for building a sustainable society







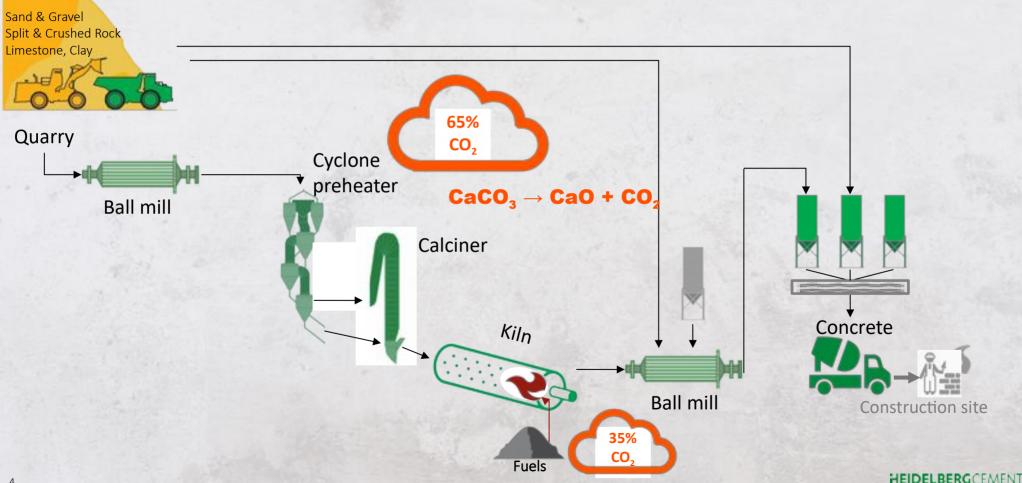








# Hard-to-abate industry / 65% of the CO<sub>2</sub> coming from the production process



## A long and winding road towards CCS in Brevik ...

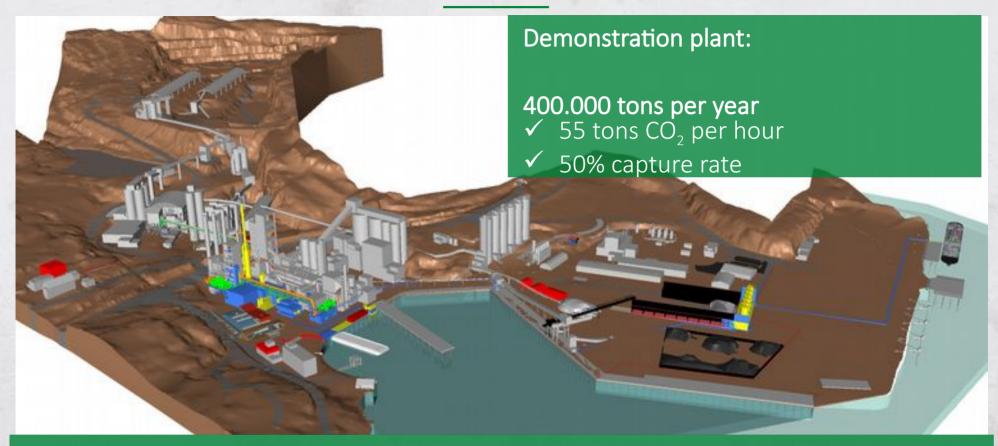


# The Norwegian Carbon capture Demonstration project





# CO<sub>2</sub> capture Brevik



Simultaneously building a new factory whilst maintaining full operational capacity in the current plant



#### We have started the journey towards 2024

Started 2021

2024





Demolision phase

**Building phase** 

Testing phase





Estimated view July 2024



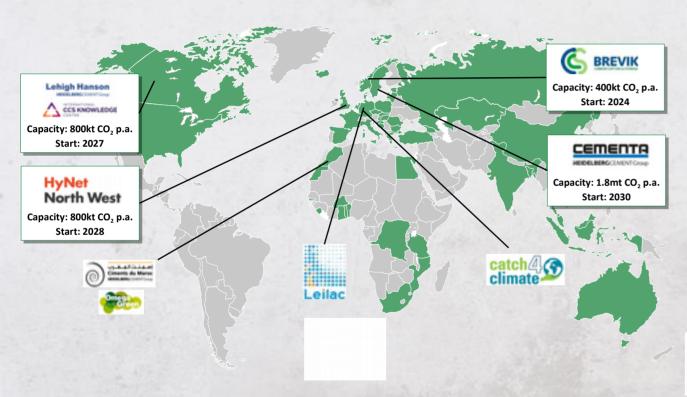
#### INFRASTRUCTURE

will be the most important «take away» from the Norwegian project





## Brevik CCS will be the first in a row of HC projects ...



- Targeting ~4mt\*\* CO<sub>2</sub> reduction
  p.a. from 2030 with our
  announced CCU/S projects
- Further CCS projects with significant CO<sub>2</sub> reduction potential in Eastern Europe in the pipeline
- We are the frontrunner in the industrial scale-up of CCU/S technologies in the sector

<sup>\*</sup> Include accumulated contribution from CCU/S projects Brevik, Edmonton, Slite, and HyNet from 2024 to 2030

<sup>\*\*</sup> Include yearly contribution from CCU/S projects Brevik, Edmonton, Slite, and HyNet as of 2030

#### Brevik CCS - in a nuts

#### First full-scale CCS plant in cement industry

- The cement industry; one of the big emitters!
- Our experiences / «Lessons learnt» from realization and operation will be valuable for both cement industry <u>and</u> other process industries!
- It's a political project; but realizing the first full-scale carbon capture project in Cement industry within a reasonable budget and time will be the best argument for launching the next projects!



