

TRANSFORMING CO<sub>2</sub> INTO ADDED-VALUE CONSTRUCTION PRODUCTS

## CONCEPT

Carbon4Minerals develops innovative technologies for  $CO_2$  capture and use in carbon-negative construction products, reducing  $CO_2$ -emissions by 80-135% compared to cement-based reference materials.

Carbon4Minerals aims to utilise  $\mathrm{CO}_2$  from industrial flue gases for the production of a wide range of low-carbon building material intermediates and construction end-products. Additional  $\mathrm{CO}_2$ -emission reductions are obtained by replacing  $\mathrm{CO}_2$ -intensive Portland clinker and using secondary raw materials (steel slags, construction waste).













