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NEWS RELEASE

Holcim Germany with EPDs for all cements

The construction industry is facing a trend-setting change. Environmental Product Declarations (EPDs) play a crucial role in making the design and construction of buildings more sustainable. Holcim is playing an absolute pioneering role in EPDs. A first major step has now been taken.



Holcim Germany is the first company in Europe to offer product-specific Environmental Product Declarations (EPDs) for its entire cement portfolio - on demand and with a continuous process for updating them with Climate Earth, the provider of the EPD software. Until now, limited environmental information was available on cement EPDs mostly in terms of a few individual EPDs, or average EPDs across entire product groups or an entire industry. This means that the carbon footprint and other environmental indicators of cements were

previously often imprecise as they were covering whole regions or product groups. At Holcim Germany, on the other hand, the EPDs from now on correspond to the actual environmental impact of the cement used individually.

"The cement EPDs lay the foundation for transparency in building with cement and concrete," explains Michael Scharpf, Head of Sustainable Construction at Holcim Germany. "We are pioneers in our industry here, and with this step we are living up to our claim of offering our customers measurable benefits for their sustainable construction projects. EPDs are also the basis for our strategic focus on innovation, sustainability and climate protection, as well as for our goal of achieving net zero emissions in the Holcim Group by 2050" (see [Holcim Climate Report 2022](#)).

Environmental Product Declarations are a precisely defined calculation of environmental impact indicators according to international standards, such as CO₂ emissions, energy demand or waste generation in the production, use and disposal of construction products and materials. EPDs provide transparent and quantified information about the environmental impact in building life cycle calculations and thus form the basis for planners, architects and other experts to plan and evaluate buildings holistically.

In this context, EPDs are to be understood like a currency. When designing a building, the CO₂ balancing of the EPD creates transparency and comparability of products and materials for this indicator. In this way, it is possible to see exactly what environmental impact buildings or building components have - always on the basis of their life cycle assessment. Since the data collection and calculation for an EPD must undergo comprehensive external auditing by an independent verifier, the values published here are credible, reliable and can be used without restriction in life cycle assessments of buildings.