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Heidelberg Materials plans LEILAC-2 carbon capture project at its Ennigerloh site in Germany

- **The research project LEILAC-2 (Low Emissions Intensity Lime And Cement) is planned to be implemented at Heidelberg Materials' cement plant in Ennigerloh**
- **The project was previously supposed to be realised at Heidelberg Materials' site in Hanover**
- **The project's aim is to demonstrate a retrofittable module that can be used to efficiently capture up to 100,000 tons of unavoidable carbon dioxide emissions per year**

Heidelberg Materials and Australian environmental technology company Calix Limited have announced that the LEILAC-2 (Low Emissions Intensity Lime And Cement) research project is now planned to be carried out at Heidelberg Materials' Ennigerloh cement plant. The project was previously supposed to be realised at the Heidelberg Materials site in Hanover, Germany. Now that clinker production will end there in the second half of 2024, another location had to be found.

The LEILAC-2 project aims to demonstrate a scalable solution for the efficient capture of unavoidable carbon dioxide emissions released during cement and lime production. The project's objective is to demonstrate a retrofittable module that can efficiently capture up to 100,000 tons of unavoidable carbon dioxide emissions per year. The module is designed to be integrated and operated in an operational cement plant with minimal downtime.

About LEILAC

The LEILAC consortium is led by the LEILAC Group (technology provider Calix), and comprises Heidelberg Materials, CEMEX, Cimpor, IKN, Lhoist, Port of Rotterdam, BGR, RBINS-GSB, CERTH, POLIMI, LEAP, and Engie. It is supported by GCCA, GCCSI, CEMBUREAU, ECRA, University of Clausthal and EuLA. The project is funded with €16 million from the EU research and innovation funding program Horizon 2020.

About Heidelberg Materials

Heidelberg Materials is one of the world's largest integrated manufacturers of building materials and solutions with leading market positions in cement, aggregates, and ready-mixed concrete. We are represented in more than 50 countries with around 51,000 employees at almost 3,000 locations. At the centre of our actions lies the responsibility for the environment. As the front runner on the path to carbon neutrality and circular economy in the building materials industry, we are working on sustainable building materials and solutions for the future. We enable new opportunities for our customers through digitalisation.

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