

Eqiom Lumbres Cement Plant, a CRH Company, partners with thyssenkrupp Polysius on ultrafine cement technology

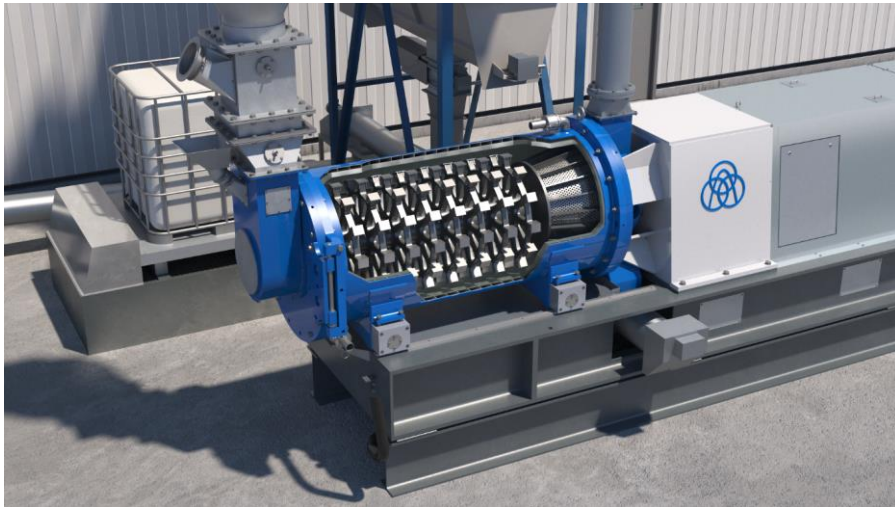
Eqiom Lumbres Cement Plant, a CRH Company, has entrusted thyssenkrupp Polysius with the implementation of an ultrafine grinding plant. This additional grinding stage allows for the reduction of the clinker factor in cement.

The system includes the polysius® booster mill, the ultrafine separators sepol® UF and its ancillary equipment including material handling equipment and process gas management. thyssenkrupp Polysius will also provide site services and technical support for performance optimization. Equipment deliveries are scheduled through late summer 2025 for a startup in the beginning of winter 2025.

Xenia Schulze Bernd, Head of Innolab: "Ultrafine grinding and separation is an enabler for clinker factor reduction and efficient production of special products. Expecting a market demand for big volumes of high fineness products, we have developed a polysius® ultrafine grinding plant to complement our grey2green portfolio. We are grateful for the collaboration with the innovative partner Eqiom/CRH to implement this technology in Europe."

Layal Haddad, Project Manager adds: "Aware of the stakes of tomorrow and beyond, Eqiom/CRH places great value on sustainability. With our ultrafine production technology we are proud to play our part in decarbonation to reduce carbon footprint of cement. This is the first ultrafine grinding plant based on booster mill technology to be sold worldwide. We look forward, together with the Eqiom/CRH team, to a successful project. "

Luc Cousin, EQIOM technical director, and Pierre Bernard, EQIOM cement operation director: "We thank thyssenkrupp Polysius for the support in developing a new process and new equipment to support the development of our products "



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The polysius® booster mill is available in four sizes from 300 to 1800 kW installed power.

About us:

thyssenkrupp Polysius GmbH specialises in the planning and construction of turnkey cement plants. We support cement manufacturers around the world with our product and service portfolio, which is based on more than 160 years of expertise and experience. In addition, thyssenkrupp Polysius offers innovative and proven solutions for cement and lime. Our plants and machines use state-of-the-art production processes, conserve resources, minimise environmental impact and meet the requirements for economic efficiency and plant productivity. We support our customers in their daily work as a sparring partner for new tasks and jointly develop individual solutions.

For more information, visit: www.thyssenkrupp-polysius.com

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