

Press release – Villeneuve d’Ascq, September 04, 2024

## Fives FCB selected by EQIOM, member of CRH GROUP for the upgrade of its cement grinding plant in Héming, France

Summer 2024, EQIOM awarded Fives FCB a contract to upgrade its cement grinding plant located in Héming, France. Key decision factors were the FCB TSV™ Classifier THF utmost performances and the necessity to perform this project within a challenging schedule.

### | FCB TSV™ Classifier for cement grinding mill upgrade

EQIOM was planning to upgrade its cement grinding plant with the installation of a latest generation classifier, aiming at improving separation performances to produce cement at a higher fineness with lower energy consumption levels. The project ultimate goal is to reduce the clinker factor of the cement and its CO2 footprint.

### | A very high efficiency dynamic classifier for a lower clinker factor

The project involves the integration of an FCB TSV™ 4000 THF Classifier and an FCB TGT® Filter connected with the existing circuit.

Implementation of the FCB TSV™ THF Classifier in the cement grinding plant will allow for:

- A reduced clinker factor thanks to improved separation performances, and a better control of both fineness and particle size distribution,
- An improved quality of cements produced,
- The possibility of producing cements at higher fineness
- A reduced energy consumption, by improving workshop efficiency and increasing production.

### | Project management

EQIOM has also chosen Fives FCB for its ability to manage turnkey projects: the contract includes not only the design and supply of highly efficient proprietary equipment, but encompass civil and steel structure design, steel structure supply as well as steel structure and mechanical erection, and commissioning. Needless to say, close collaboration and reactivity are key to successfully complete the tie-in during the annual mill shutdown early 2025 and commissioning.

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#### About Eqiom

EQIOM, a subsidiary of the Irish group CRH (Cement Roadstone Holdings), is a major player in the building materials sector, active for over 100 years in France and Luxembourg. Specialized in the production and distribution of building materials (cement, concrete, aggregates) for the construction and public works industries, EQIOM's solutions are part of an active and proactive approach to sustainable construction: materials recovery, solutions with a reduced carbon footprint, responsible management of quarries.

[www.eqiom.com](http://www.eqiom.com)

#### About Fives

Fives designs and supplies machines, process equipment and production lines for the world's leading manufacturers. From the first railway lines to the Eiffel Tower elevators and industry 4.0, Fives has been designing the disruptive solutions and technologies that make industry for over 200 years. A pioneer in decarbonization and digitalization, Fives is always one innovation ahead thanks to its ability to anticipate customer needs. By responding to the specificities of each market locally, Fives combines economic and environmental performance in 24 countries thanks to nearly 9,000 employees. In 2023, Fives reached an order intake of over €2.5 billion.

Within the Cement & Minerals division, Fives FCB is a major technology provider in the cement and minerals industry, providing innovative and tailor-made solutions designed to maximize the energy efficiency and reduce the environmental footprint of cement producers' facilities.

[www.fivesgroup.com](http://www.fivesgroup.com)



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