

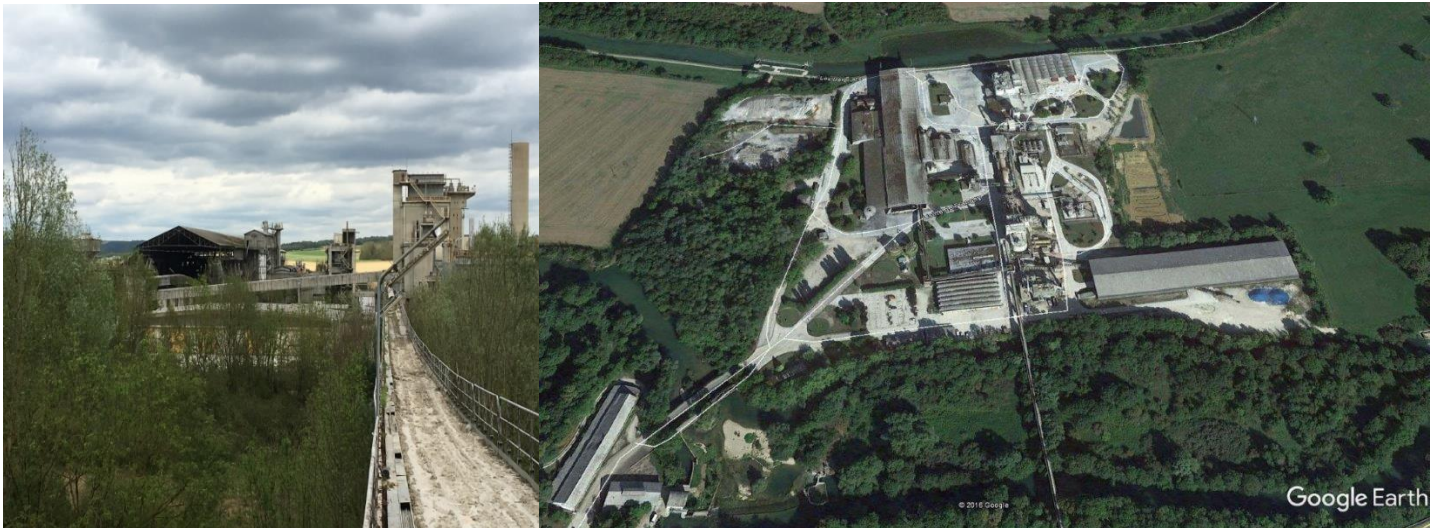
CASE STUDY • LAFARGE CEMENT WORKS, FRANCE, PHASE 1 & 2 - 2016 - 2017

PROJECT: *Demolition, Decommission and Dismantle of Cement Works*

LOCATION: Frangey Cement Works, Lezinnes, Burgundy, France

CLIENT: Lafarge

CONTRACT DURATION: 12 Months



Euro Demolition & Dismantling have been instructed by Lafarge, the world's largest cement producer, to decommission and dismantle an entire cement works site the 216 acre site, located just 22km east of Chablis, in the Burgundy region of France.

The first phase of the project included the decommissioning and dismantling of two super-sized industrial panzer chain feeders with hoppers, used as part of the quarry's crushing facility. The feeders were dismantled into smaller sized components, before being strategically crane lifted away for resale.

In addition, our team successfully decommissioned and dismantled a circa 1 mile-long over-ground conveyor system, used for transporting limestone from the crusher to the main processing plant. A substantial section of the conveyor was situated some 70ft above ground level, over a main highway leading into the nearby town, as well as a major river. Extensive planning and health and safety measures were observed for this stretch of the decommission.

Dismantling of the site's large cement bag packaging machine was also undertaken, which was contained within a purpose built facility, spanning 5 floors. The plant was dismantled into manageable sections, before being skilfully lowered to ground level by chain blocks for packaging and onward resale of working parts. Particular precaution had to be observed with regards to a dust critical live working machine, located within a 10-meter radius of the works. Dust levels were kept to a minimum throughout by regular monitoring and dust extraction processes.

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Removal of the site's three large ball mills were undertaken. The colossal 10 feet diameter, 44 feet long cylinders were cut to size using hot cutting techniques, a tailored approach to dismantling the 4-inch-thick steel structures. Further dismantling and site clearance was undertaken at key parts of the facility, including the industrial- sized, 3-storey homogeniser machine, used for mixing.

The project was afforded several months of planning, encompassing the production of a robust cost management plan to incorporate a streamlined and cost effective program for international and regional transportation logistics and the use of local suppliers. Local suppliers were appointed for waste disposal, recycling and transportation services, given the large volumes of steel to be removed from site.

Euro Demolition & Dismantling have subsequently been awarded phase 2 of this project to decommission further plant & machinery as well as demolish the buildings to the entire site. As a result of the client's satisfaction of our current works, we have been asked to carry out similar services on three other major sites in France in the future.

In December 2017, we carried out the explosive demolition of a 60 metre high chimney as part of our Phase 2 works on site.

French legislation was a key factor during planning stage. Our RAMS submissions, contractual and other health and safety related documents were constructed in compliance with French law before being translated into the French language. Euro Demolition and Dismantling Ltd had a full time French translator on site and our French speaking HSEQ Manager who is multi-lingual, speaking several languages including French on site for a substantial period during both phases of work.

Recovery of steels were made throughout and sent on to our nominated local recycling partners.

All works on both phases were carried out without any accidents / incidents and to the complete satisfaction of the client.

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