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Memorandum of Understanding

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Pablo Hofelich, CEO of thyssenkrupp Polysius GmbH: "thyssenkrupp Polysius has key technologies for significantly reducing CO2 emissions in the cement industry. We support our customers at every step of the implementation of "green" technologies as a partner. The aim is to ensure that our customers' plants not only emit fewer emissions, but also consume less energy and save resources."

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Pablo Hofelich, CEO of thyssenkrupp Polysius GmbH

Frank Ruoss, CSO of thyssenkrupp Polysius GmbH, adds: "We have been working closely and in partnership with Fujairah Cement Industries for decades. At the time, FCI and Polysius were pioneers in the region in replacing precious oil as a fuel in the clinker production process. We are proud that those responsible at Fujairah are also relying on thyssenkrupp's technologies and expertise for the "green" transformation of cement production. This is another milestone in the cooperation between the two companies."

By using the prepol® SC combustion chamber developed by thyssenkrupp, coal, gas and oil can be replaced up to 100 per cent by alternative fuels as the primary energy source at the calciner. In addition to conserving natural resources and minimizing emissions, this also significantly reduces operating costs. This is made possible by the use of different types of waste, low quality requirements and reduced processing costs. Thanks to its modular design, the prepol® SC technology can be easily integrated into existing cement plants.

Other thyssenkrupp Polysius solutions for a "green" cement plant range from polysius® activated clay for more sustainable clinker production with calcined clay to the above-mentioned polysius® fuel substitutions with prepol® technology, polysius® pure oxyfuel to reduce the cement industry's CO2 footprint and the NOx reduction solution from CemCat.



Frank Ruoss, CSO thyssenkrupp Polysius, Miguel Ángel López Borrego, CEO thyssenkrupp AG, A.G. Behroozian, represents the Government of Fujairah as Board of Director in Fujairah Cement and Pablo Hofelich, CEO thyssenkrupp Polysius (from left to right).