

Press Release

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Arabian Cement Company (ACC),
extend UC3[®] hydrogen
technology across its
full production capacity



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UTIS (Ultimate Technology to Industrial Savings) has announced the expansion of its UC3[®] hydrogen injection technology at Arabian Cement Company's (ACC) cement plant in Ain Sokhna, Egypt, which is now being implemented on the **second production line**, following the very positive results achieved on the first line.

With this expansion, UC3[®] technology now covers the **entire clinker production capacity** of the Ain Sokhna plant, representing a relevant and strategic step in ACC's decarbonisation roadmap and building on the company's **established track record in energy efficiency and alternative fuel integration**.

UC3® Technology enables a fast and more efficient burning process through the **controlled injection of hydrogen into the combustion**, contributing to improved flame stability, enhanced thermal performance and a **measurable reduction in CO₂ emissions**. The solution was designed for integration into existing kiln systems, **facilitating its industrial implementation without the need for significant structural modifications**.

“The successful implementation of UC3® technology on the first production line confirmed its added-value as a practical and effective tool to support our decarbonisation strategy. Extending the UC3® technology to the second line allows us to maximise its impact across the entire Ain Sokhna operation,” - **Sergio Alcantarilla, Chief Executive Officer (CEO), Arabian Cement Company**

The project is aligned with international regulatory and market requirements, including the **European Union Carbon Border Adjustment Mechanism (CBAM)**, positioning ACC **as a reference in the industrial implementation of hydrogen-based technologies** within the global cement sector.

About Arabian Cement Company (ACC)

Arabian Cement Company (ACC) is a fully integrated cement producer and one of the leading cement manufacturers in Egypt. Operating two production lines at its Ain Sokhna plant in the Suez Governorate, ACC produces approximately **five million tonnes of clinker and cement per year**, representing around **6% of Egypt’s nominal cement production capacity**. The company has a long-standing commitment to energy efficiency and environmental performance, having pioneered the use of alternative fuels and on-site renewable energy in the Egyptian cement industry. ACC has received international recognition for its sustainability initiatives.

<https://arabiancementcompany.com/>

About UTIS

UTIS – Ultimate Technology to Industrial Savings develops patented hydrogen-based technologies to improve combustion efficiency, enabling reductions in CO₂ emissions and delivering **measurable operational and energy cost savings**. Its solutions support the decarbonisation of clients’ industrial operations, while simultaneously strengthening overall performance and economic competitiveness.

<https://www.utis.pt/en/>

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