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UAE'S FIRST HIGH-PURITY CO₂ CAPTURE PLANT INAUGURATED IN RAS AL KHAIMAH

RAK
CERAMICS



In a major step toward industrial decarbonization, **RAK Ceramics**, one of the world's largest ceramics manufacturers, and **Gulf Cryo**, a regional leader in industrial gases and decarbonization solutions, have inaugurated the **UAE's first carbon capture and utilization (CCU) facility** dedicated to high-purity CO₂ production.

Owned and operated by Gulf Cryo, the new plant captures **around 17,000 metric tons of CO₂ annually** from RAK Ceramics' natural-gas engines and transforms it into **99.99% pure, food-grade CO₂**, supplying key sectors including food and beverage, healthcare, agriculture, and energy.

The project underscores **RAK Ceramics' strategic decarbonization roadmap** and aligns with the UAE's **Net Zero 2050** and **Ras Al Khaimah's Integrated Sustainability Strategy 2050**, highlighting how private-sector collaboration can accelerate sustainable industrial transformation.

Inaugurated by **Sheikh Saqr bin Saud Al Qasimi**, Chairman of RAK Ceramics, alongside **Sami Huneidi**, Chief Administrative Officer of Gulf Cryo, and senior executives from both organizations, the facility marks a breakthrough in converting emissions directly at source into valuable industrial resources.

"At RAK Ceramics, sustainability is at the heart of our growth strategy," said **Abdallah Massaad**, Group CEO of RAK Ceramics. "Our partnership with Gulf Cryo marks a significant step forward in our journey towards decarbonization and resource efficiency. By embracing innovative solutions that reduce our environmental footprint, we continue to drive positive change and contribute to the UAE's Net Zero 2050 vision."

Through this collaboration, RAK Ceramics reinforces its **commitment to environmental stewardship** and sustainable manufacturing practices, setting a regional benchmark for how innovation and partnership can shape a cleaner, more circular industrial future.

