

## TAKECITE, a local company partly funded by Shizuoka City Gov., launched collaboration with a local cement company in Hue City toward the local CCU cement production



### Overview

In February 2026, TAKECITE, a local company partly funded by Shizuoka City Gov. and participating in the City-to-City Collaboration Project between Hue City (Vietnam) and Shizuoka City (Japan), concluded a Non-Disclosure Agreement (NDA) with a local cement company in Hue City. TAKECITE has the technology to produce CCU (Carbon Capture and Utilization) cement's raw material through Direct Air Capture (DAC). The collaboration has been launched with the aim of utilizing this technology and produce CCU cement in Hue City.

The both companies plan to jointly conduct a feasibility study and related assessments. As part of this process, they will also examine the potential for capturing CO<sub>2</sub> directly from the flue gas emitted by the cement company itself.



Discussion with the local cement company

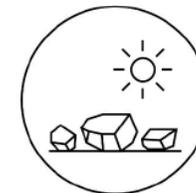


Cement's raw materials that capture and storage CO<sub>2</sub>



1. Raw material

Use sludge discharged from ready-mixed concrete factories.



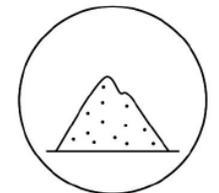
2. Sun-drying

Sludge captures CO<sub>2</sub> from the atmosphere (DAC).



3. Crushing

Crush the dried sludge after drying by machine.



4. TAKECITE powder

Completed powder is put into bale cans or used for other products.