

## Cementos Argos to use microalgae for carbon capture

Written by Global Cement staff  
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Colombia: Cementos Argos has partnered with **Ecopetrol**, EAFIT and the University of Antioquia to develop a method of carbon capture using microalgae that also produces useable biomass. The partners will process this biomass into biocrude, with similar properties to fuel oil.

Cementos Argos' project leader Gabriel Vargas said, "In microalgae we found a potential alternative, but this involved developing a technology for microorganisms to eat CO<sub>2</sub> and grow from there. Then, looking for what we could use that biological material for, we saw an opportunity in biofuels. That's when, with the help of the PQI research group at the University of Antioquia, which had already been carrying out studies on the hydrothermal liquefaction of biomass, we began to refine that process."

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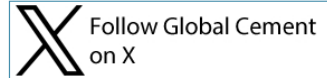
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