CARBONCURE™ CARBON CREDITS

Meet your climate goals with carbon credits you can trust.

Why Concrete?

CarbonCure Technologies' carbon credits deliver immediate climate impact with the highest integrity and certainty through permanent carbon storage in concrete and the reduction of hard-to-abate emissions from cement in concrete construction.

Concrete is the most widely used man-made material in the world. As its key ingredient, cement accounts for roughly 7% of the world's CO_2 emissions, 3x the carbon footprint of global aviation.

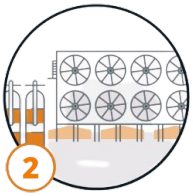
How CarbonCure Generates High-Quality Credits

CarbonCure carbon credits are generated for each metric ton of CO_2 mineralized in concrete and reduced through improved cement efficiency in concrete production.

Each carbon unit is based on real-time production data, conservatively quantified against baseline concrete production, and independently audited and verified, following a robust Verra methodology.

CarbonCure: From Carbon To Concrete To Credits

CarbonCure's technologies are installed at an existing concrete plant in one visit.



Carbon dioxide (CO_2) gas is primarily sourced as a by-product from industrial processes.

The purified CO_2 gas is delivered in pressurized vessels by commercial gas suppliers.

CarbonCure's proprietary delivery system precisely injects the CO_2 into the concrete mix.

Batching is controlled by a simple interface, the control box, which is integrated with the batch computer.

Injected CO_2 instantly mineralizes, permanently embedded in the concrete, enabling cement reductions.

CarbonCure collects data from the control box and from the ready mix plant's batching system.

That data automatically transfers to a centralized, secure database owned and operated by CarbonCure.

The data is processed, audited and verified following CarbonCure's robust methodology.

With verification, each metric ton of CO_2 savings becomes a high-integrity carbon credit in the voluntary carbon market.

Integrity, Certainty & Scale

Measurable & Verified

Commercially-proven, methodology-grounded and third party-verified.

Precise & Permanent

Providing certainty, unlike many other credits that risk reversal or invalidation.

Immediate & Scalable

Delivering results today at concrete plants operating worldwide.

Transformative

Mitigating hard-to-abate emissions from an essential industry.

A Catalytic Credit Model Driving Decarbonization

For every carbon credit generated and sold, CarbonCure shares the revenue with the concrete producer who facilitated those carbon savings. This revenue model incentives faster technology adoption, expanded deployment and increased production of greener concrete by an industry navigating razor-thin margins and cautious about changing the status quo.

> "All our buildings have concrete or use cement. Why not invest in something that the entire world needs? It's something that people use—it's actually tangible, and it really could change the industry."
>
> - **Megan Chiu, Deloitte Canada** Director of the Climate Office

Trusted by Leaders in Corporate Climate Action

RBC, shopify, BMO, LUFTHANSA GROUP, ripple, Deloitte.

Learn more about how CarbonCure can help you reach your climate goals by visiting carboncure.com, or contact a CarbonCure representative at carboncredits@carboncure.com.

CARBON CURE

FAQs

Who has purchased CarbonCure's carbon credits?

CarbonCure's carbon credits have been purchased by leading organizations across sectors, including global corporations like Shopify, Lufthansa Group and Deloitte Canada. Buyers also include several financial institutions and climate-focused platforms that support scaling high-integrity carbon markets. Credit buyers help CarbonCure accelerate our global scale, driving carbon reductions every day across hundreds of concrete plants around the world and catalyzing climate action in a hard-to-decarbonize industry.

How are CarbonCure's carbon credits different from other options in the voluntary carbon market?

CarbonCure's carbon credits deliver certainty of impact with integrity from third party verification. This win-win climate solution results in a combination of permanent CO_2 mineralization and reductions of cement emissions. Unlike nature-based projects, CarbonCure's carbon utilization technologies can monitor every metric ton of CO_2 mineralized and reduced during concrete production with real-time telemetry and tracking built into each CarbonCure installation. Each verified carbon unit is independently audited by trusted third parties following a conservative, Verra-approved methodology.

Where does the CO_2 come from?

CarbonCure concrete producers currently use captured CO_2 from established industrial supply chains, sourced from a range of regional facilities, such as ethanol, ammonia and fertilizer plants. It's the same food- and beverage-grade CO_2 used to carbonate soda or make dry ice but CarbonCure keeps it out of the atmosphere and enables reductions of carbon-intensive cement.

Is there a risk of reversal?

No. CO_2 chemically converts into calcium carbonate (limestone) and is permanently embedded in the concrete. Even if a concrete structure or surface is later demolished, there is no risk of leakage or reversal; the nano-sized particles of rock will remain embedded in the concrete material.

How much of a CarbonCure credit is CO_2 mineralization versus CO_2 reduction?

Carbon removal and reduction strategies are often framed as competing priorities but, at CarbonCure, one drives the other. The exact amount of mineralization versus reduction varies by plant, concrete mix design, materials and CO_2 dosing. On average: For every one metric ton of CO_2 mineralized in ready mix concrete, we prevent roughly 40 metric tons of CO_2 by reducing cement.