

CARBONCURE TECHNOLOGIES INC.

From Carbon to Simply Better Concrete

CarbonCure is the global leader in CO₂ utilization for the concrete industry.

Recycled CO₂, captured from industrial emitters, is injected into fresh concrete during production, using CarbonCure's proprietary technology. The CO₂ converts to a nano-mineral and becomes permanently trapped. Producers optimize their mix designs and gain competitive advantages while reducing the embodied carbon of the concrete built environment.

Overview

- Head Office: Dartmouth, Nova Scotia, Canada.
- Key Customers: Central Concrete, Cemex, HeidelbergCement, Irving Materials, LafargeHolcim, Ozinga, Pan-United Concrete & Thomas Concrete.
- Key CO₂ Partners: Air Liquide, Helget Gas, Linde plc, Matheson Tri-Gas, Praxair & Roberts Oxygen.
- Key Investors: Breakthrough Energy Ventures, Brightpath Capital, Business Development Bank of Canada, Greensoil Investments, Innovacorp & Pangaea Ventures.

Milestones

- 2013 Launched CO₂ utilization technology for concrete masonry.
- 2016 Launched CO₂ utilization technology for ready mix concrete.
- 2019 Awards: Bloomberg - New Energy Pioneer, ERA – Grand Challenge (Innovative CO₂ Uses)
- 2020 Awards: Cleantech Company of the Year (North America) – Cleantech Group

Impact to Date

- CarbonCure Technology licensed to 200+ concrete plants throughout North America & Asia.
- CarbonCure Concrete Production: 4+ million m³ (5+ million yd³).
- CO₂ Emissions Saved: 60+ million kg (130+ million lbs).

2020

- Finalist: NRG COSIA Carbon XPRIZE. Category: Converting CO₂ into Valuable Products.
- Expanding via distribution to over 30 international markets.

