



# **Item 07: Commercializing Industrial Decarbonization (CID) - GFO-22-301**

*June 22, 2026 Business Meeting*

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Industry & Carbon Management Branch



# Overview

- GFO-22-301: Commercializing Industrial Decarbonization (Round 3)
  - Group 1: Low-Carbon Industrial Heating
  - Group 2: Energy Efficiency and Decarb of Concrete Manufacturing
- Project Funding:
  - Three projects recommended for the award (one for approval today)
  - \$3,218,538 with \$1,388,916 in match



# Benefits to Californians

- Electrification of industries
- Energy efficiency
- Reduce GHG from fossil fuels usage
- Reduced energy costs
- Meeting state decarb goals while maintaining global competitiveness of California's industrial sector



Source: EnergyMonitor.ai website



Source: Northmore Gordon website



# C-Crete Technologies LLC

**Project Focus:** Innovative manufacturing process to replace cement by 90% with alternative materials – such as industrial wastes and natural pozzolans with C-Crete eco-friendly binder.

- **Build and operate a 100 ton/day facility**
- **Demonstrate performance in a >20-ton real-world concrete pour**

## **Benefits:**

- Electrify CA's cement industry
- >80% reduction in CO2 emissions
- Find beneficial use of industrial wastes – reduce landfill
- TRL 8 → 9

**Funding Amount:** \$3,218,538

Source: C-Crete



# Staff Recommendation

- Adopt staff's determination that these actions are exempt from CEQA
- Approve the grant agreement with C-Crete Technologies LLC