

**NATIONAL CEMENT**  
OF CALIFORNIA, INC.

# FIRST ZERO CO<sub>2</sub> CEMENT PLANT

IN THE UNITED STATES  
AND CALIFORNIA



**Location:**

Kern County, California

**CO<sub>2</sub> Captured & Stored:**

1-Million Tons

**Project Impact:**

Equivalent of 300,000 cars removed

**Project Funding:**

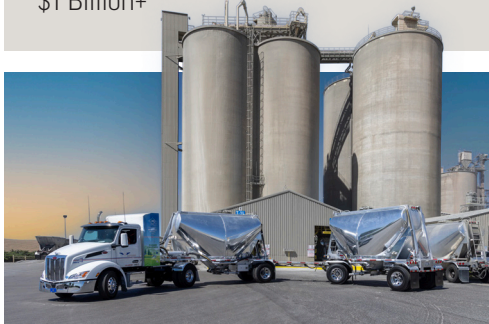
Federal, \$500M / Private, \$500M

**Total Project Cost:**

\$1 Billion+

## THIS IS THE FIRST HEAVY INDUSTRIAL CARBON CAPTURE AND UNDERGROUND STORAGE DEMONSTRATION PROJECT IN THE UNITED STATES AND CALIFORNIA

The National Cement Company of California's **Lebec Zero Cement Plant Project**, selected for negotiation by the U.S. Department of Energy, underscores a major advancement in the United States' battle against climate change by targeting industrial greenhouse gas emissions. This groundbreaking initiative will employ innovative technologies and sustainable practices with the goal of drastically reducing emissions. To secure full federal funding, the project **must be completed by 2031**.



## THREE-PART PROJECT:

- ✔ **Utilize** New, Alternate Low -Carbon Biomass Sources of Fuel
- ✔ **Develop** Next-Generation Greener Low CO<sub>2</sub> Cements
- ✔ **Pursue** Innovations in Carbon Capture and Storage (CCS) Technology

## CRITICAL GO/NO GO POLICY DECISIONS THAT MUST BE IN PLACE:

- ✔ Cap & Trade Protocols **should recognize Carbon Capture and Sequestration** as an **allowable offset** for emissions.
- ✔ **Recognition** by CARB of a **new definition of CEMENT** that recognizes and **exempts blended cement** technologies.
- ✔ **Protection** from imported high CO<sub>2</sub> cements in California. **Imported** cements represent **30% of California** demand and are **not subject** to California and USA clean air regulations.
- ✔ **Implementation** of new **SB 905** regulations **to allow** CO<sub>2</sub> transportation, sequestration and storage in California.

# ABOUT NATIONAL CEMENT

While others just talk about decarbonization, **National Cement Company of California, Inc.** is taking real action and seeing significant results. By utilizing alternative fuels, we have reduced our CO<sub>2</sub> emissions **by nearly 20%** since 2019. As the **first manufacturer** in the state to produce Type 1L cement, we produce the lowest CO<sub>2</sub> cement in the state and hold the lowest Environmental Product Declaration (EPD) on the West Coast. All of these efforts are **active** and **making a difference today**. We are dedicated to working closely with state leaders, environmental groups, and industry partners to meet and exceed California's greenhouse gas reduction goals.



## ABOUT KERN COUNTY

**Our Home Since 1967, Part of the Vicat Group Since 1987**

- ✔ **Good Working Relationships with Elected Officials**  
Including the Kern County Board of Supervisors, the 21st Congressional district, and the 16th State Senate district.
- ✔ **Good Working Relationships with Regulatory Agencies**  
Including Kern County Planning and Natural Resources Department, Kern County Water Agency, and Kern County Pollution Control District.
- ✔ **Community Benefits Plan Progressing**  
Kern Community College District (KERN CCD) and Bakersfield College (BC) are developing our community outreach and engagement plan.

## WE HAVE A DIVERSE AND INCLUSIVE WORKFORCE:

As of 2020, Lebec had a population of 1,474 and NCCCA employs roughly 130 people at its Lebec plant. The Company offers high quality jobs that pay well above the prevailing wage in Kern County, and a majority of its workforce is part of the local United Steel Workers Union (USW).



### NEW UNION JOBS

This project is expected to create 20-25 new full-time jobs, and most will be part of the local USW union.



### PAID INTERNSHIPS

We offer Kern County high school students studying welding and automation an 8-week paid internship.



### ELEVATING WOMEN

We partner with Advancing Women Executives (AWE) to help elevate women within our organization.



### COLLEGE COURSES

We offer to pay employees' college education related to engineering, electronics, and automation.

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