

ET Summit 2024

Presented by



Journey To Net Zero

Strategies for a Sustainable Future

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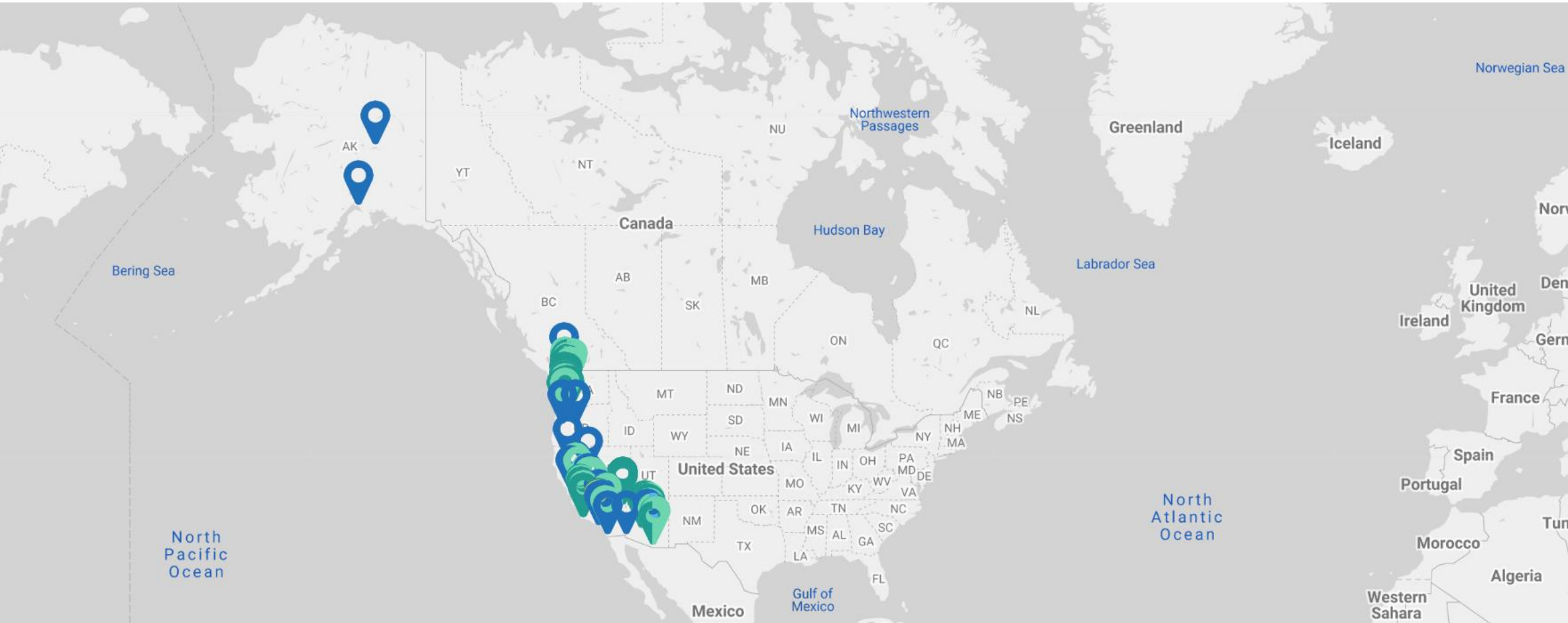


Company Background

- Founded in 1891 in Los Angeles, CA
- Largest building materials company producing cement and construction material products in the western United States
- 3000+ employees – 150 facilities



CalPortland Cement, Concrete, Aggregate Facilities



A History of Sustainable Practices

 ENERGY STAR
AWARD 2024
PARTNER OF THE YEAR
Sustained Excellence



Energy Management

- ENERGY STAR Partner since 1996
- Implemented company-wide energy management program in 2003
- Improved energy intensity by 17.5% since 2003, avoiding 4.2 million metric tons of CO₂, which equates to removing nearly one million gasoline powered cars from the road annually
- Since 2006, consumed over 480 million kWh of zero emission wind energy from on-site wind turbines, avoiding over 350,000 tons of CO₂ or removing 74,310 cars from the road for one year
- ENERGY STAR Partner of the Year Award for Energy Management for 20 consecutive years



Mojave Cement Plant 24 MW Wind Turbine Electrical Generation



Mobile Fleet Natural Gas Conversion

- Replaced 118 diesel ready mix trucks with new near zero emission CNG trucks
- Received \$11.8 million grant
- Purchased 24 new CNG cement hauler trucks
- Constructed 3 new CNG stations
- Trucks use Renewable Natural Gas (RNG)
 - Landfill, dairy, organic waste, wastewater treatment by product
- Carbon intensity is less than half of diesel
- Low NOx, low particulate, reduced GHG
- Save over \$1 million/year vs. diesel



SUSTAINABILITY IMPACT OF RNG vs DIESEL



CATALINA PACIFIC

A CALPORTLAND Company

READY MIX FLEET PROJECT

- ▶ 118 Diesel Ready Mix Trucks Switching to Redeem™ Renewable CNG
- ▶ 800,000 CNG Gallons Consumed by New Fleet

7,435 METRIC TONS

Total green house emissions reduced per year by switching to Redeem™ renewable natural gas fuel.

THAT'S LIKE:



PLANTING
190,354
TREES

OR



REMOVING
1,569
CARS OFF THE ROAD

OR



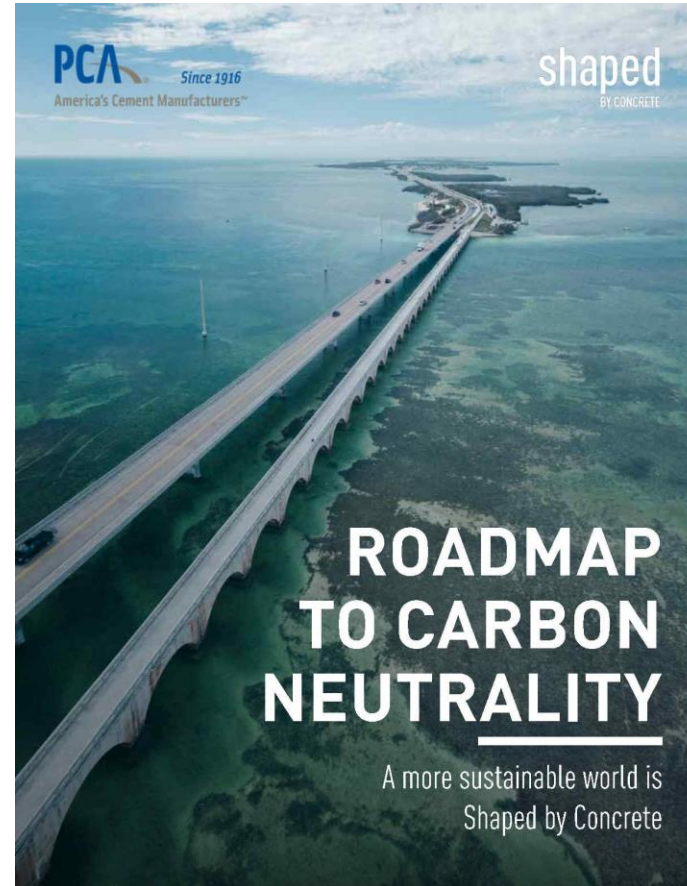
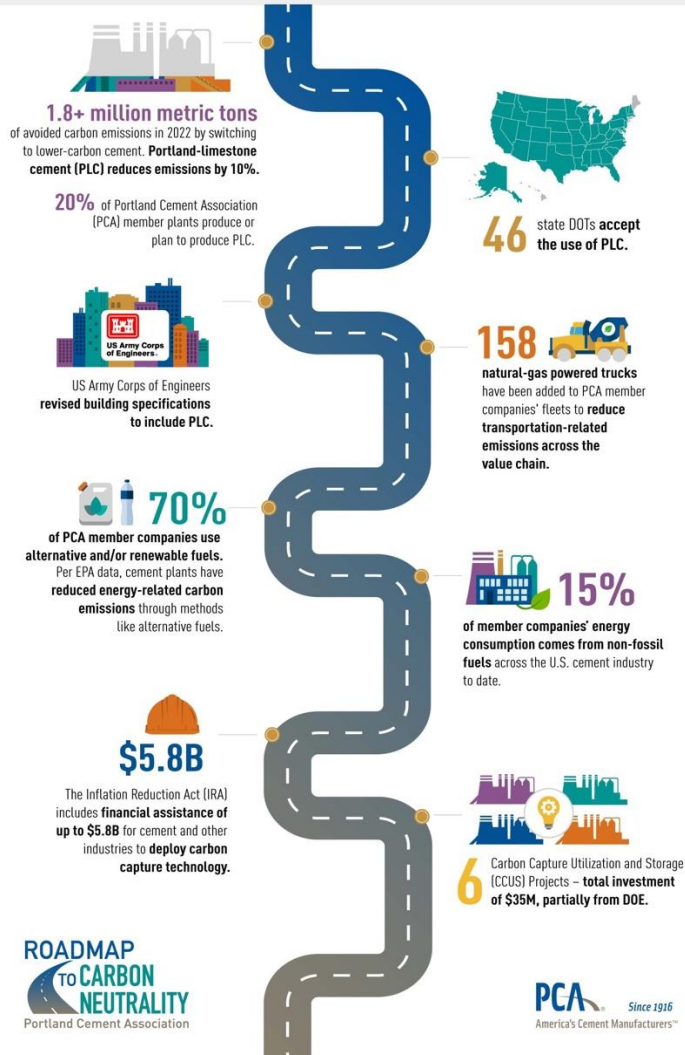
2,665
TONS OF WASTE RECYCLED
INSTEAD OF LANDFILLED

Conservation Initiatives

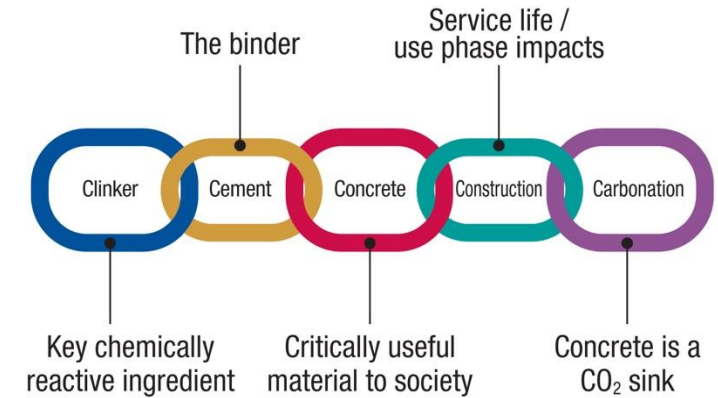
- How can we put nature “to work” for climate?
- Corporate lands can be a part of the solution
- Nature based Solutions (NbS) to address climate change
- Installing projects to enhance biodiversity conservation, improve habitat for local species, sequester carbon, and protect lands and livelihoods
- Wildlife Habitat Council member



HOW AMERICA'S CEMENT INDUSTRY IS CUTTING EMISSIONS



A Sustainable Future





Thank you!

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