



Port of
LONG BEACH
THE PORT OF CHOICE

Sustainable City Commission

Matt Arms

Director of Environmental Planning

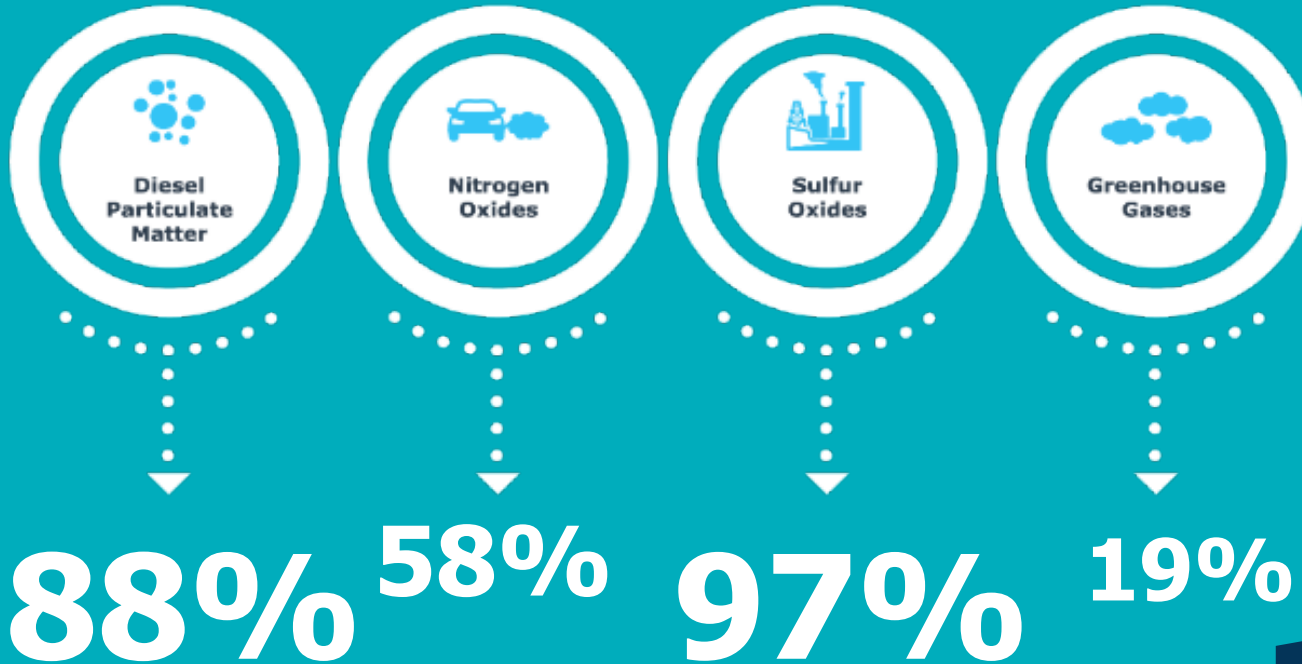
February 25, 2021



MAJOR ECONOMIC ENGINE

\$BILLIONS IN TRADE, THOUSANDS OF JOBS

2019 AIR EMISSIONS INVENTORY



Compared to 2005 Levels

Up 14%

TEUs



2030

CARGO-HANDLING EQUIPMENT

ZERO-EMISSIONS

The background of the image shows two semi-trucks driving on a multi-lane highway. The truck in the foreground is a blue Peterbilt, and the one behind it is a red International. The image is faded to serve as a background for the text.

2035

PORT TRUCKS

ZERO-EMISSIONS



TECHNOLOGY ADVANCEMENT

INVESTING IN DEMONSTRATIONS OF CLEANER EQUIPMENT

POLB Grant-Funded Technology Demos - Overview



START PROJECT CARB \$50 MILLION

SSA, Pier C and Shippers Transport

- 33 Electric Yard Tractors
- 1 Electric Top Handler
- 1 NZE Tugboat
- 2 Tier 3 Ships
- 5 Electric Trucks

ZE EQUIPMENT TRANSITION PROJECT CEC \$9.75 MILLION

LBCT, Pier E and SSA, Pier J and ITS, Pier G

- 12 Electric Yard Tractors
- 9 Electric RTG
- 4 LNG Hybrid Electric Trucks

PAVE PROJECT CEC \$8 MILLION

TTI, Pier T

- 6 Electric Yard Tractors
- 10 Electric Fork Lifts
- Install Electrical Charging Infrastructure and Battery Storage

ELECTRIC VEHICLE BLUEPRINT

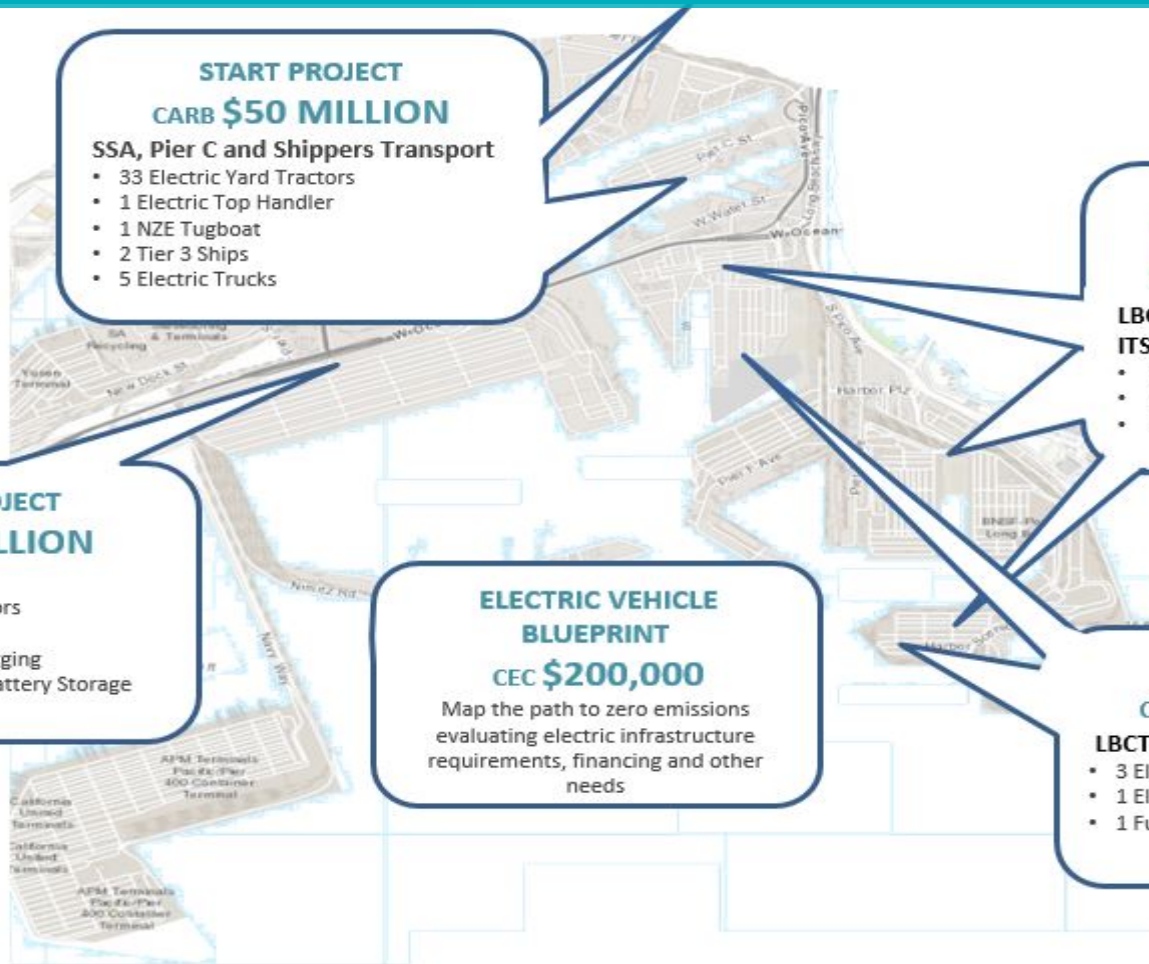
CEC \$200,000

Map the path to zero emissions evaluating electric infrastructure requirements, financing and other needs

C-PORT PROJECT CARB \$5.3 MILLION

LBCT, Pier E and SSA, Pier J

- 3 Electric Top Picks
- 1 Electric Yard Tractor
- 1 Fuel Cell Yard Tractor



A photograph of two semi-trucks driving on a multi-lane highway at dusk. The truck in the foreground is white with a large chrome grille and is pulling a long, tan-colored trailer. The truck in the background is red. The sky is a deep blue, and the city lights are visible in the distance. A street lamp is visible on the left side of the road.

CLEAN TRUCK PROGRAM

Port of Long Beach **Community Grants Program**



A low-angle, upward-looking photograph of several stacked shipping containers. The containers are in various colors, including green, yellow, and brown. The perspective creates a sense of height and scale. The sky is bright blue with scattered white clouds. A semi-transparent white rectangular box is overlaid in the center of the image, containing the title text.

Clean Air Action Plan

2020 Accomplishments and 2021 Priorities



Port of
LONG BEACH
THE GREEN PORT