



Port of Long Beach

Environmental Programs



Port of
LONG BEACH
The Green Port

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WHAT IS THE PORT?

More than just cranes and ships, the iconic Port of Long Beach is a key economic engine for Southern California and critical to the world trade ecosystem.

PORT OF LONG BEACH 101



#2

Busiest port in the U.S.



\$180
BILLION

Worth of cargo is imported through the port annually



300
THOUSAND

Jobs created regionwide

Although a public agency, the Port's operations are not supported by tax dollars.

Instead, its revenues come from leasing marine terminals.



GREEN PORT POLICY

Leading the way in reducing air pollution



CLEAN AIR ACTION PLAN

Decrease emissions from port operations

SOURCES OF PORT-RELATED EMISSIONS

- Ocean-going Vessels
- Harbor Craft
- Heavy-Duty Trucks
- Cargo-handling Equipment
- Rail Locomotives



**Diesel
Particulate
Matter**

Down
85%

**2014
Achieved**

**Nitrogen
Oxides**

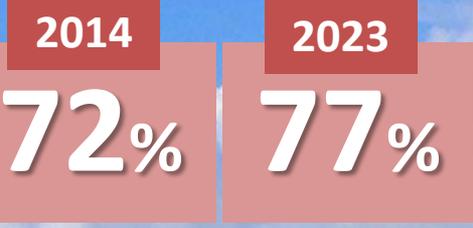
Down
50%

**2014
Achieved**

**Sulfur
Oxides**

Down
97%

**2014
Achieved**



Clean Air Progress and Goals



CONTINUED COMMITMENT

Evolution of the Green Port Policy



CAPITAL IMPROVEMENTS

\$4+ billion Investment in the Port of the Future



MIDDLE HARBOR

All-electric, remote-controlled yard tractors



BATTERY EXCHANGE

Robots will replace batteries for driverless vehicles.

An aerial photograph of a port at sunset. A large container ship is docked at a pier, with several large cranes visible. The sky is filled with warm, orange and yellow light from the setting sun, reflecting on the water. In the background, a city is visible with its lights glowing. The foreground shows a large area of stacked containers and other port infrastructure.

EMERGING TECHNOLOGIES

Investing to Accelerate Commercial Availability of
Clean Technology



ENERGY ISLAND

Advancing green power, clean fuels, energy efficiency