



YEARS
LEADING GREEN



LEADING GREEN – PORT OF LONG BEACH

MARIO CORDERO
CHIEF EXECUTIVE OFFICER

JAN. 30 2025



YEARS
LEADING GREEN



Port of **LONG BEACH**
THE GREEN PORT



STATE OF THE PORT

JANUARY 16, 2025

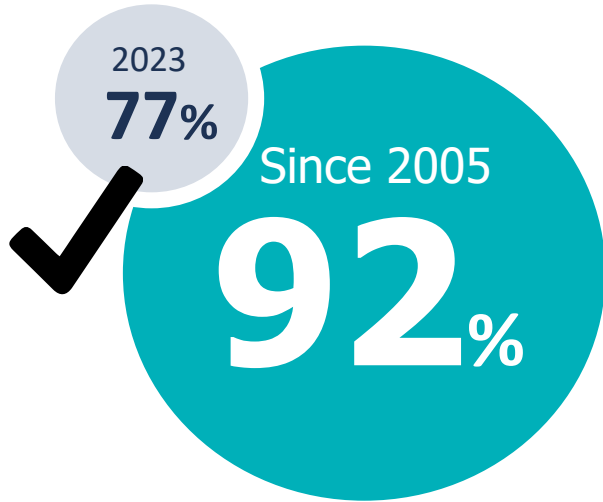


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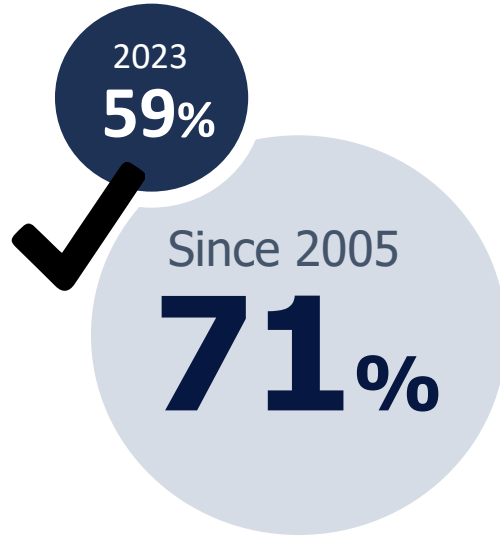
20
YEARS
LEADING GREEN

 Port of LONG BEACH
THE GREEN PORT

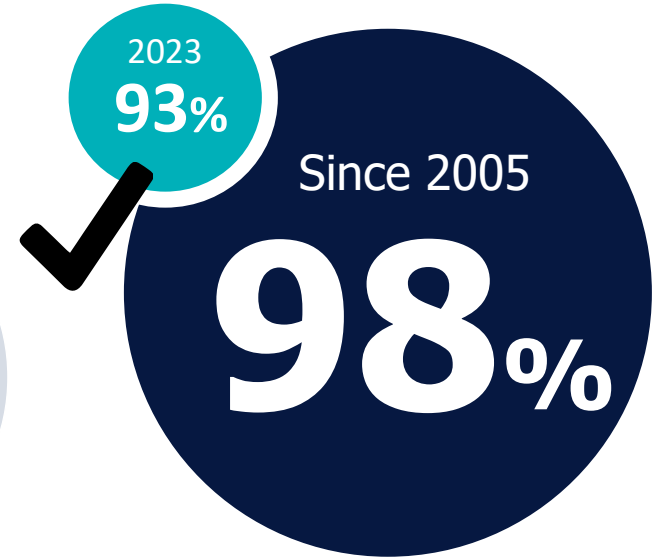
EXCEEDED CAAP CLEAN AIR 2023 GOALS



**Diesel
Particulate
Matter**



**Nitrogen
Oxides**

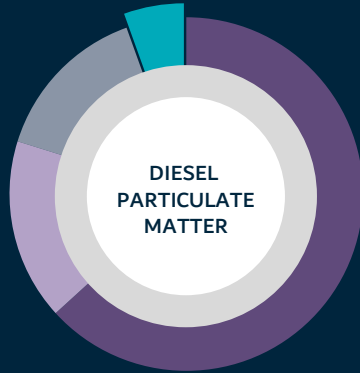


**Sulfur
Oxides**

2023 SOUTH COAST AIR BASIN EMISSIONS

Port of Long Beach

5.5%

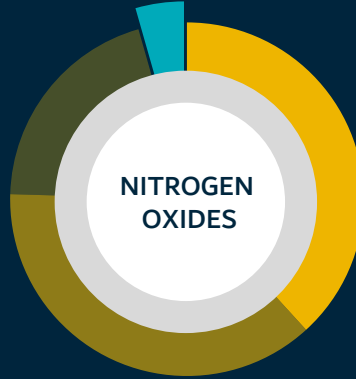


DIESEL
PARTICULATE
MATTER

63.3 % Other Mobile
16.6 % Stationary and Area
14.7% On-Road
5.5 % Port of Long Beach

Port of Long Beach

4.4%

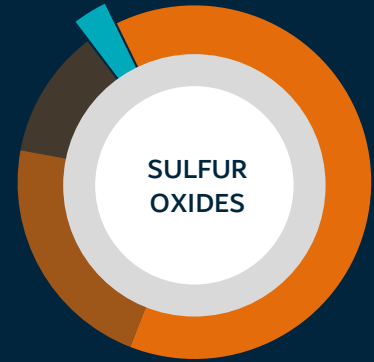


NITROGEN
OXIDES

38 % Other Mobile
37% On-Road
20.6 % Stationary and Area
4.4 % Port of Long Beach

Port of Long Beach

3.1%



SULFUR
OXIDES

63.2 % Stationary and Area
22 % Other Mobile
11.8% On-Road
3.1 % Port of Long Beach



GREEN PORT POLICY

ADOPTED IN **2005** BY THE LONG BEACH BOARD OF HARBOR COMMISSIONERS

- **PROTECT THE COMMUNITY**
- **DISTINGUISH THE PORT AS A GLOBAL LEADER**
- **PROMOTE SUSTAINABILITY**
- **EMPLOY BEST TECHNOLOGY**
- **ENGAGE AND EDUCATE THE COMMUNITY**



John R. Calhoun, J.D.
President

John Calhoun was elected to three four-year terms as Long Beach city attorney, heading one of the region's largest civil law offices.



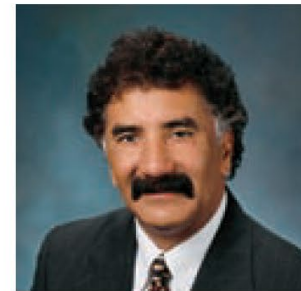
Doris Topsy-Elvord
Vice-President

Doris Topsy-Elvord was the first African-American woman to be elected to the Long Beach City Council. She served two four-year terms.



James C. Hankla
Commissioner

James Hankla is the former CEO of the Alameda Corridor Transportation Authority. He also served for 11 years as the Long Beach city manager.



Mario Cordero, J.D.
Commissioner

Mario Cordero has more than two decades of experience as a workers compensation defense attorney. He also teaches political science.



John W. Hancock
Commissioner

John Hancock has a background in corporate banking and finance. He has also worked in international banking and real estate finance.

Memorandum Of Understanding Between Maritime And Port Authority Of Singapore, The Port Of Long Beach, And The Port Of Los Angeles On The Establishment Of A Green And Digital Shipping Corridor



GREEN SHIPPING CORRIDORS

- LONG BEACH ↔ SINGAPORE
- LONG BEACH ↔ SHANGHAI



**ZE Cargo-
Handling
Equipment**

**Charging
Infrastructure**

**\$635 MILLION
GRANT-FUNDED,
ZERO-EMISSIONS PROJECTS**

**ZE Locomotive
Incentive
Program**

**Microgrid:
Energy
Generation and
Storage**

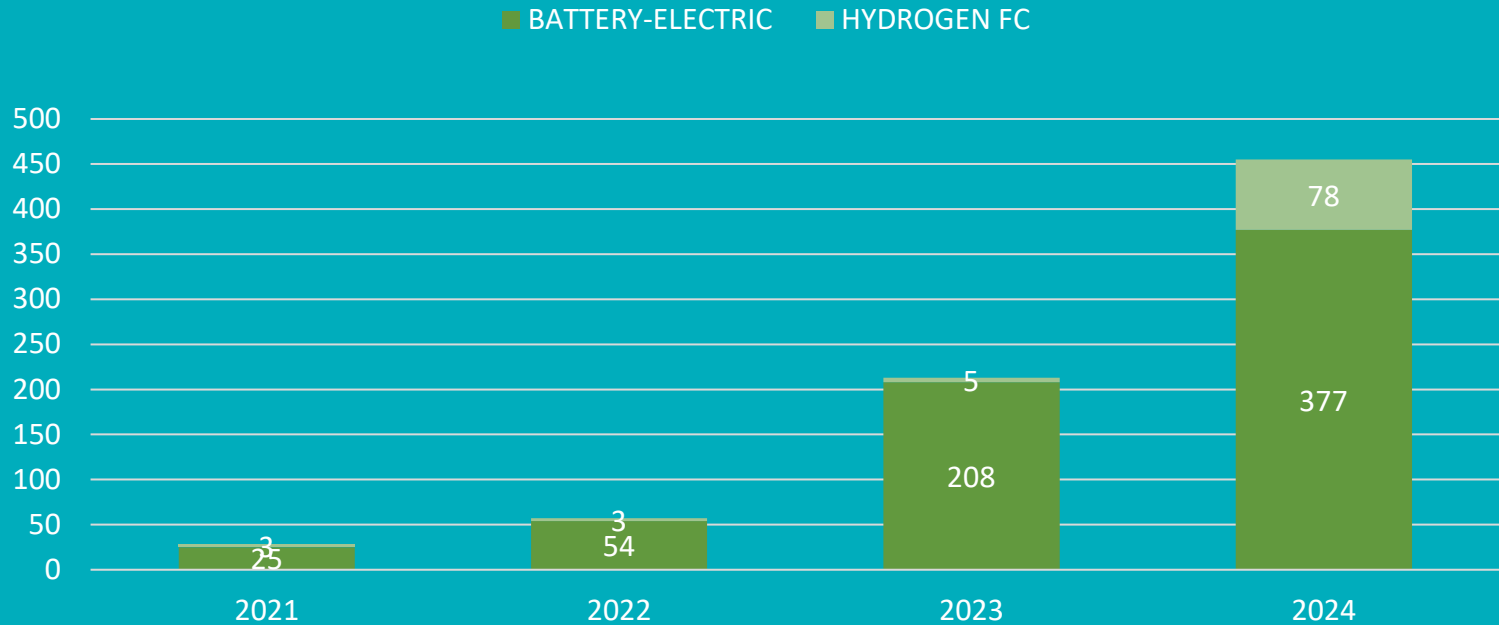
**ZE Capable
Tugboat
Demonstration**



457 ZE TRUCKS

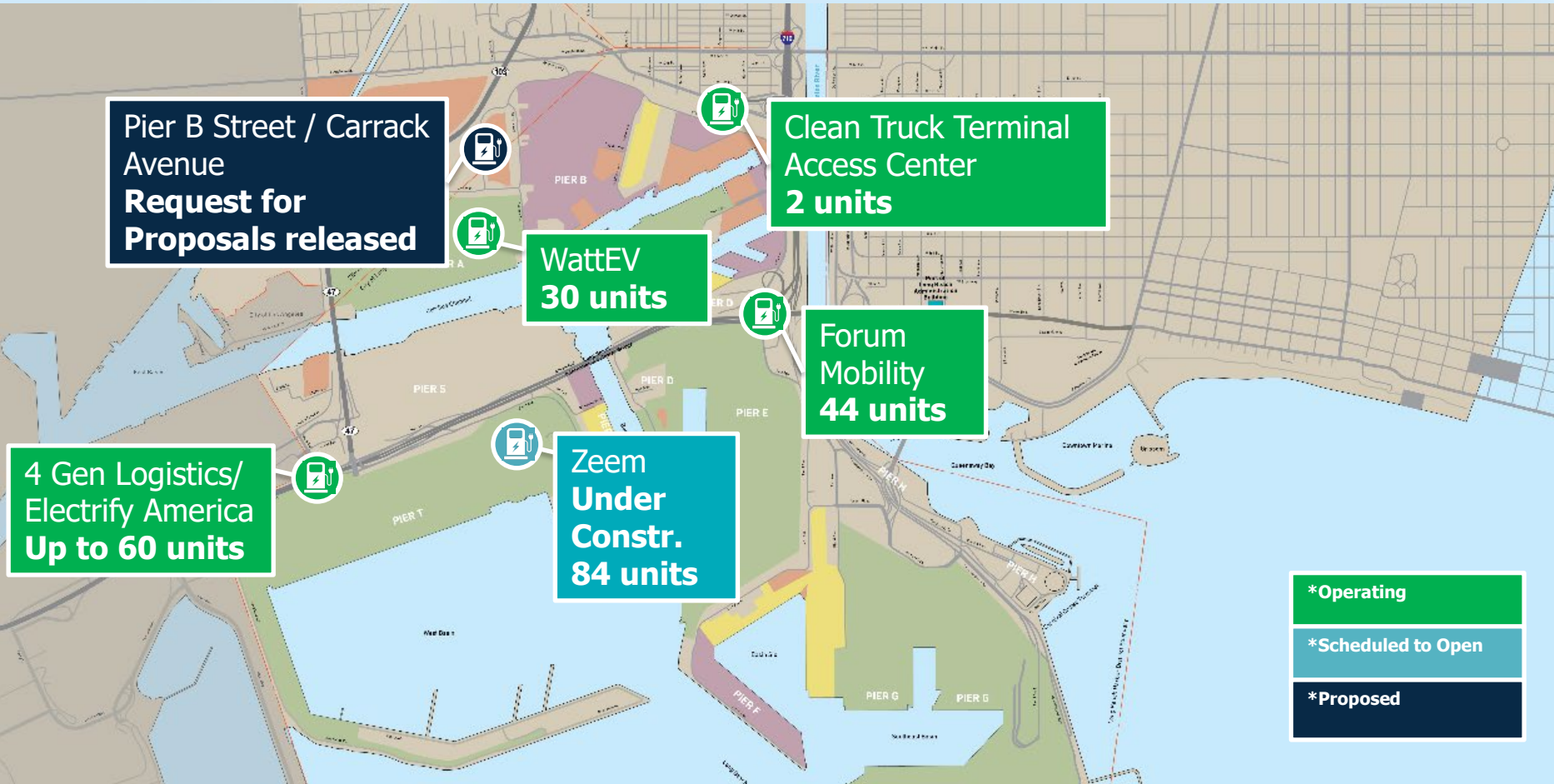
- 379 BATTERY ELECTRIC
- 78 HYDROGEN FUEL CELL

ZERO-EMISSIONS TRUCKS 2021-24



*Twenty-foot equivalent units (TEUs) or 20-foot-long containers

CHARGING DEPOTS FOR ZE ELECTRIC DRAYAGE TRUCKS



Pier B Street / Carrack Avenue
Request for Proposals released

Clean Truck Terminal Access Center
2 units

WattEV
30 units

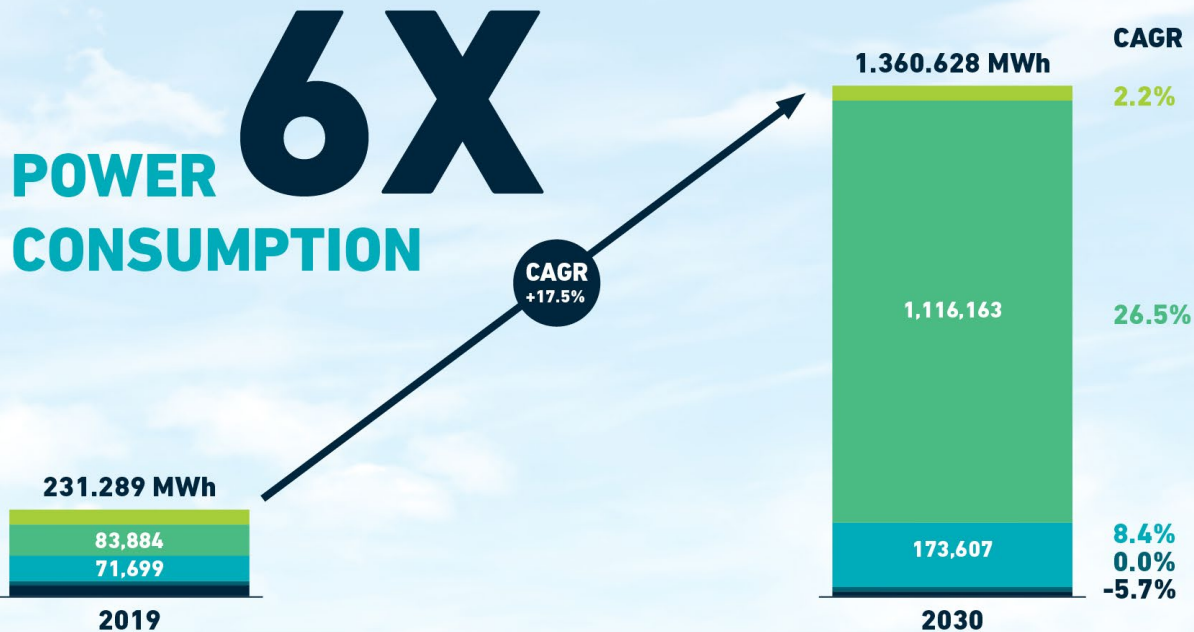
Forum Mobility
44 units

4 Gen Logistics/
Electrify America
Up to 60 units

Zeem
Under Constr.
84 units

*Operating
*Scheduled to Open
*Proposed

CONSUMPTION WITH FULL ELECTRIFICATION



LIGHTING **BUILDING** **SHORE POWER** **EQUIPMENT** **OTHER**

COMPOUND ANNUAL GROWTH RATE (CAGR) FROM POLB CARGO FORECASTS





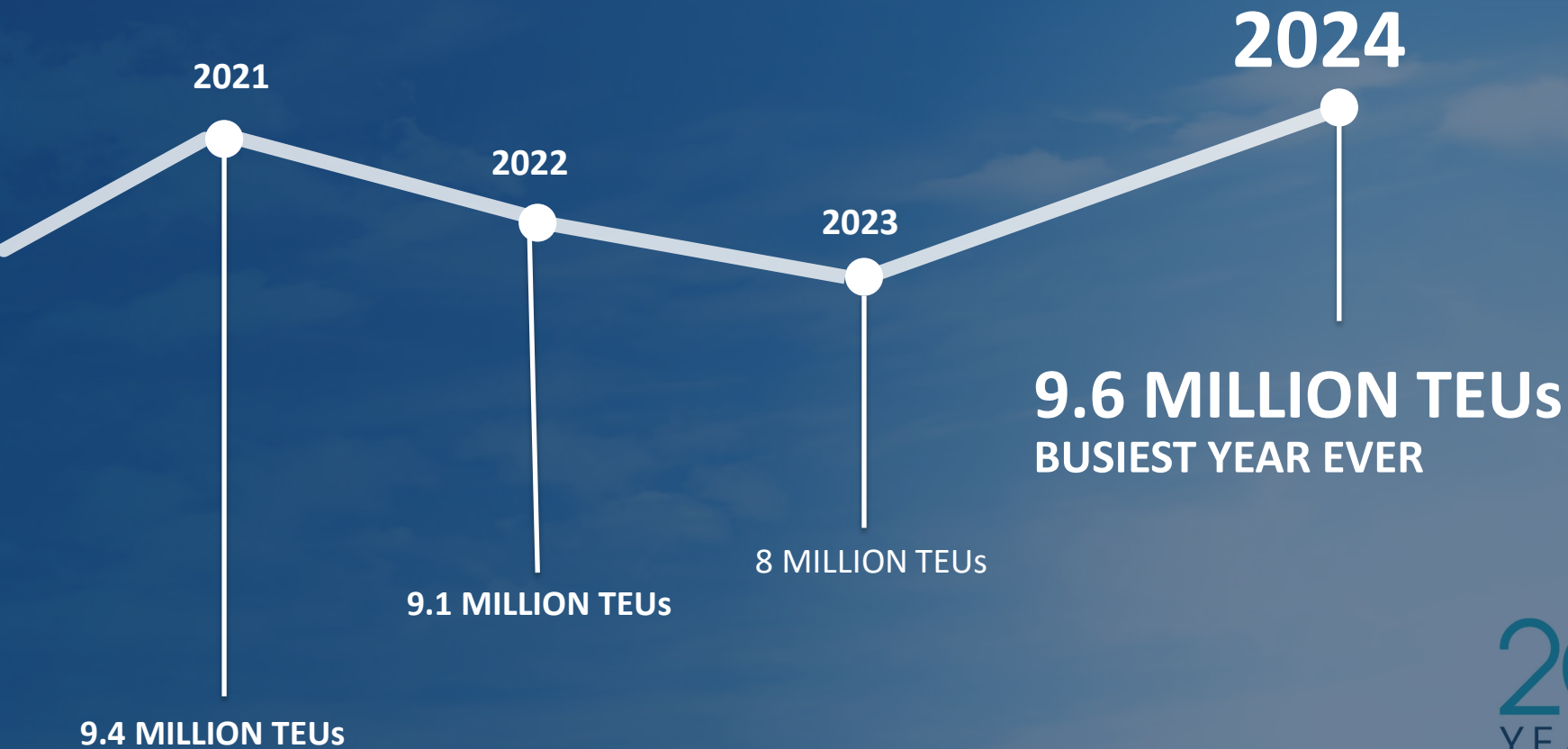
NEW TARIFFS 2025



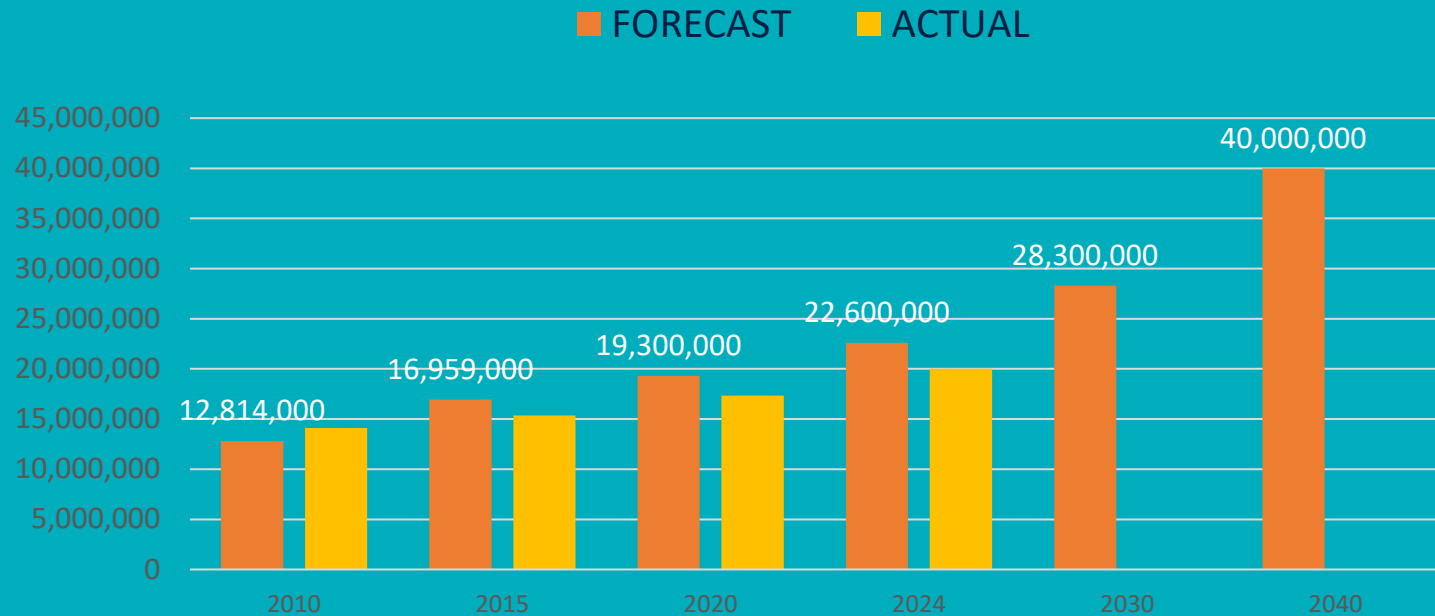
STARTING FEB. 1

- 25% on imports to U.S. from Canada and Mexico
- 10% additional on certain imports to U.S. from China
 - Note: 2018 tariffs on Chinese goods stayed in place

U.S. ports will monitor the tariff situation as it develops.



SPB FORECAST & ACTUAL (TEUs)



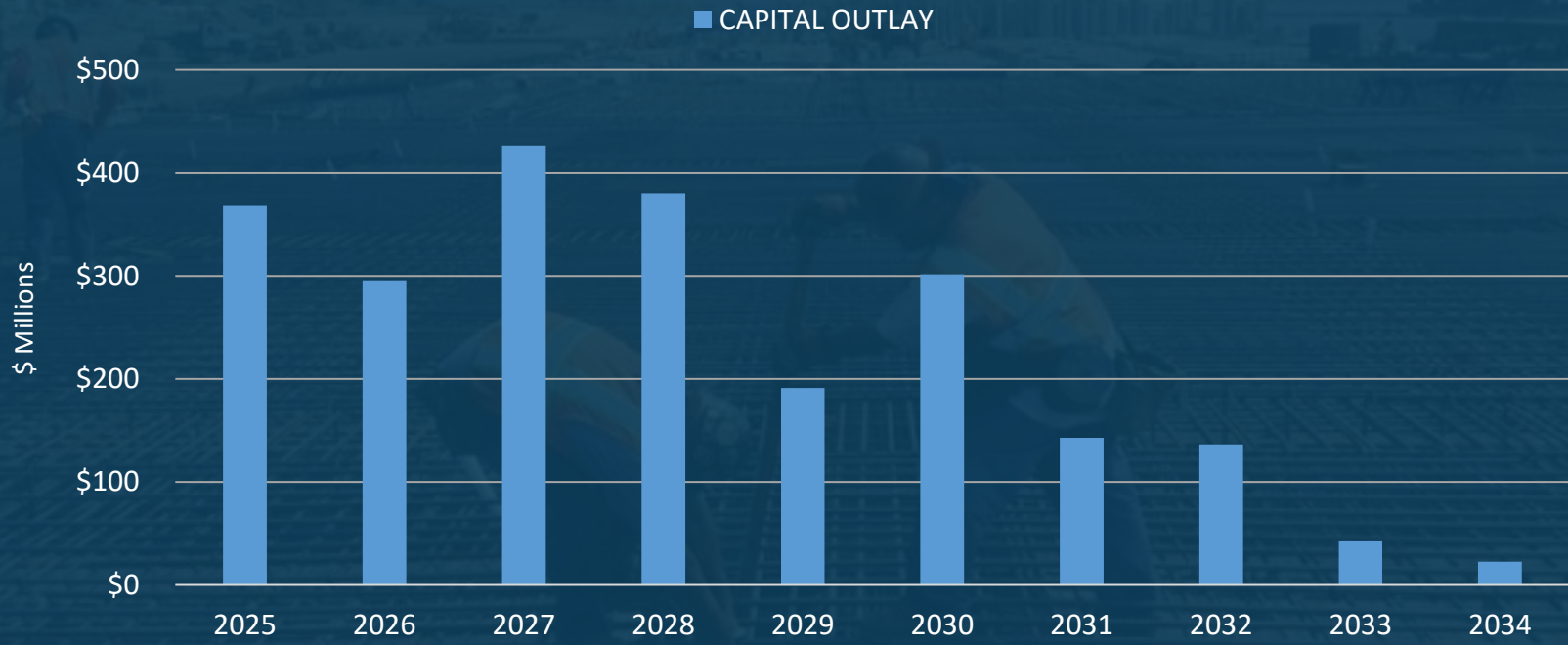
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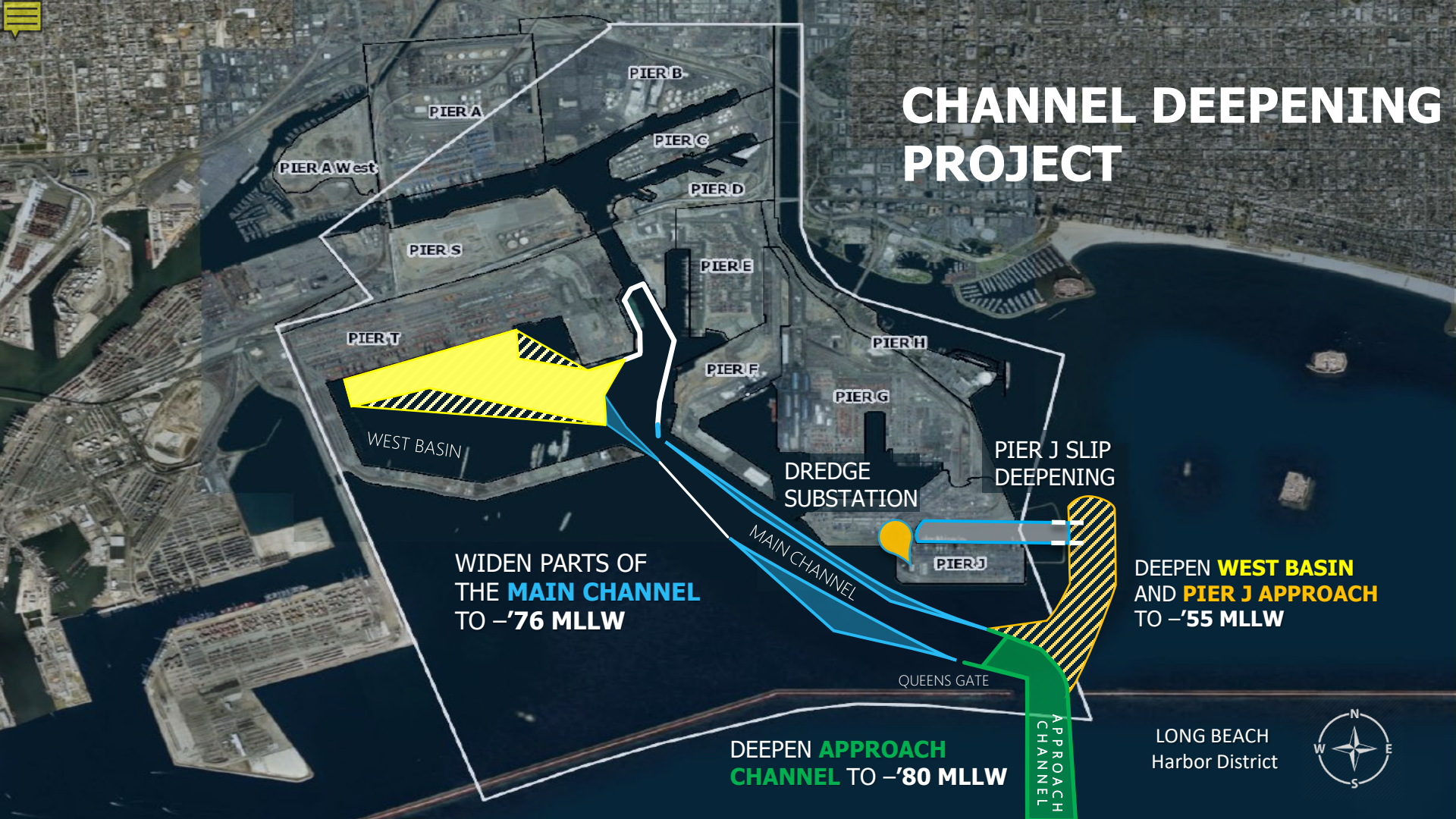
Port of **LONG BEACH**

\$2.3 BILLION in **CAPITAL PROJECTS**

FY 2025-2034



CHANNEL DEEPENING PROJECT



WEST BASIN

WIDEN PARTS OF THE **MAIN CHANNEL** TO **-76 MLLW**

DREDGE SUBSTATION

PIER J SLIP DEEPENING

DEEPEN **WEST BASIN** AND **PIER J APPROACH** TO **-55 MLLW**

DEEPEN **APPROACH CHANNEL** TO **-80 MLLW**

LONG BEACH Harbor District



APPROACH CHANNEL

QUEENS GATE

MAIN CHANNEL

PIER J

PIER H

PIER G

PIER F

PIER E

PIER D

PIER C

PIER B

PIER A

PIER A West

PIER T

PIER S

PORT OF LOS ANGELES AND PORT OF LONG BEACH GOODS MOVEMENT WORKFORCE TRAINING FACILITY





Supply Chain 

**INFORMATION
HIGHWAY** 



THANK YOU