

SUSTAINABLE CITY COMMISSION

MATT ARMS

Acting Director of Environmental Planning
Port of Long Beach

February 28, 2019





PORT OF LONG BEACH

SHANGHAI



21
DAYS

LONG BEACH

CHICAGO

MOST DIRECT
BETWEEN ASIA AND MOST OF
AMERICA

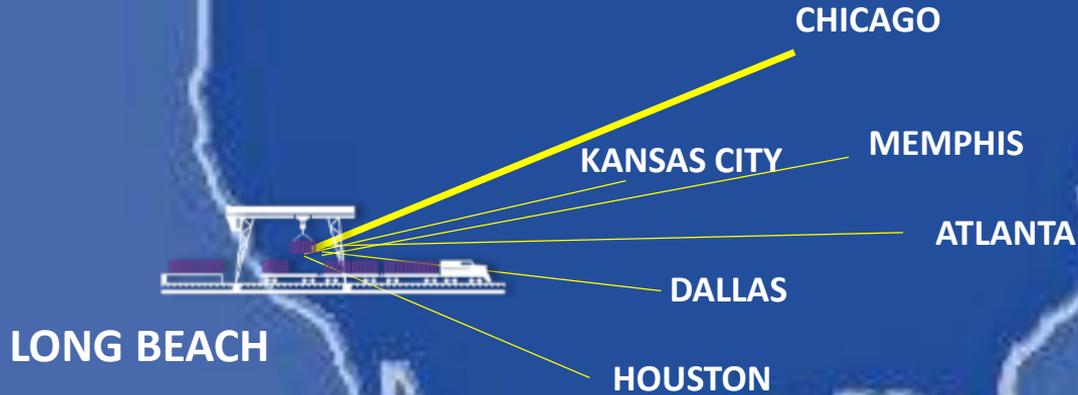
32
DAYS

PANAMA CANAL



MOST CONNECTED

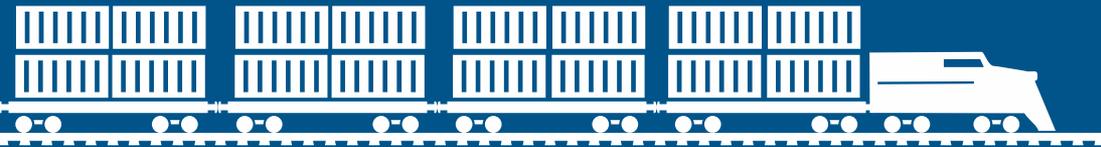
ACCESS TO MAJOR U.S. RAIL HUBS





\$1 BILLION

Investment in Rail Improvements



ONE =
TRAIN



750

Truck trips eliminated by one
double-stacked on-dock train



PIER B ON-DOCK RAIL SUPPORT FACILITY

CLEAN AIR ACTION PLAN



**START PHASE 1
CARB \$50 MILLION**

- 33 ELECTRIC YARD TRACTORS
- 1 ELECTRIC TOP HANDLER
 - NZE TUGBOAT
 - TIER 3 SHIPS
- 5 ELECTRIC TRUCKS

**ZE EQUIPMENT
TRANSITION PROJECT
CEC \$9.75 MILLION**

- 12 ELECTRIC YARD TRACTORS
 - 9 ELECTRIC RTG
- 4 LNG HYBRID ELECTRIC TRUCKS

\$73 MILLION GRANT-FUNDED, ZERO-EMISSIONS PROJECTS

**PAVE PROJECT
CEC \$8 MILLION**

- 6 ELECTRIC YARD TRACTORS
 - INSTALL ELECTRICAL CHARGING INFRASTRUCTURE AND BATTERY STORAGE

**ELECTRIC VEHICLE
BLUEPRINT**

CEC \$200,000

EVALUATE ELECTRIC INFRASTRUCTURE REQUIREMENTS, FINANCING AND OTHER NEEDS

**C-PORT PROJECT
CARB \$5.3 MILLION**

- 3 ELECTRIC TOP PICK
- 1 ELECTRIC YARD TRACTOR
- 1 FUEL CELL YARD TRACTOR



WATER QUALITY

ABUNDANT HARBOR

60% MORE PLANTS AND ANIMALS



Port of Long Beach Community Grants Program



Port of **LONG BEACH**
The Green Port



Our Commitment

- \$65 million to reduce the impacts of our operations
- Community-based projects
- \$3 million to \$4 million in spending each year, up to 15 years

Community Health



Facilities Improvement



Community Infrastructure



3 Awarded Solicitations

30 Proposals

17 Awards

\$6.4 million

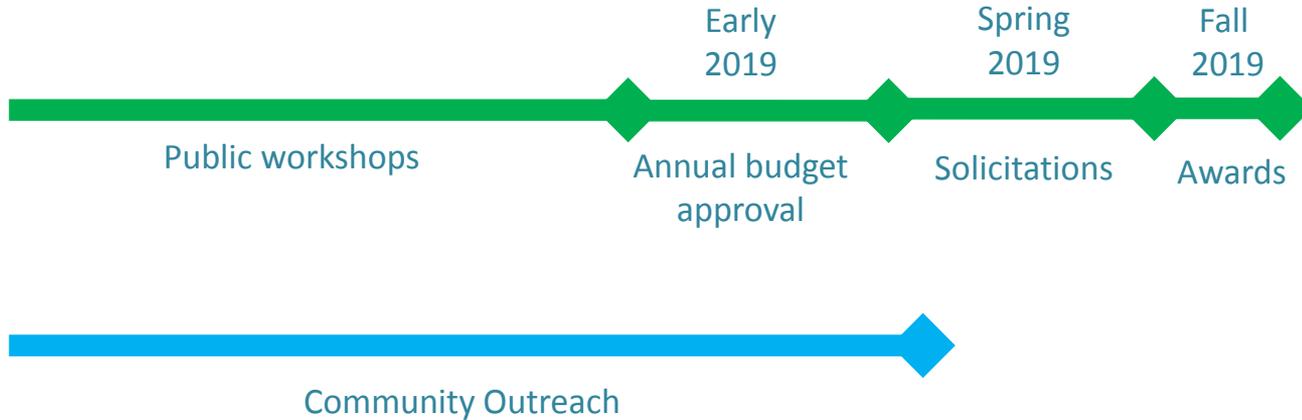
2 Upcoming Solicitations

Parks and Open Space

Energy Efficiency and Air Filtration



Next Steps



THANK YOU



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