



# A Workforce ZEvolution

Eleanor Torres

Director of Government Relations

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# PORT OF LOS ANGELES AND PORT OF LONG BEACH GOODS MOVEMENT TRAINING CAMPUS



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# **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**

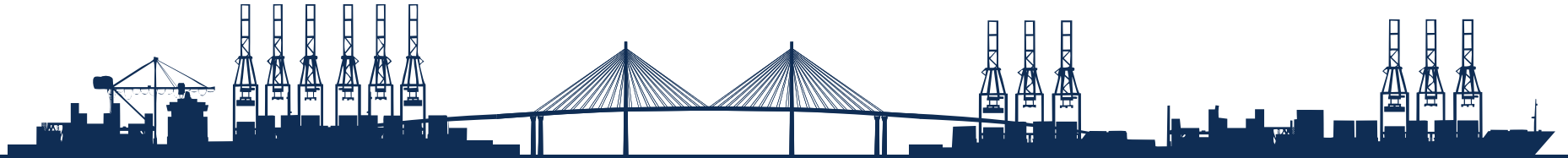
ZEEERO   
Zero Emissions, Energy Resilient Operations



Port of  
**LONG BEACH**  
THE GREEN PORT

# California State Transportation Agency (CalSTA) System-Wide Investment in Freight Transport (SWIFT) Project will result in improvements to:

- Sustainability
- Air Quality
- POLB Operational Efficiency
- Safety, Capacity and Resiliency
- Local Workforce Opportunities
- Regional Economic Competitiveness



A background image of a port terminal. In the foreground, a green zero-emission tug is positioned next to a large white shipping container. The container has 'BROMMA' written on it in red. In the background, there are more containers and port infrastructure. The overall scene is a busy port environment.

Charging Equipment

ZE Cargo Handling  
Equipment

# \$224.9 MILLION Zero Emission Projects

Demonstration  
Programs

ZE Locomotive Incentive  
Program

ZE Capable Tug  
Demonstration

# RENEWABLE ENERGY

A large offshore wind turbine is being installed in the ocean. The yellow support structure is visible, and a crane is lifting a part of the tower. Several support vessels are nearby, and the sky is blue with some clouds.

- ARCHES HYDROGEN FUEL NETWORK
- GREEN HYDROGEN HUB - EQUIPMENT AND FUELING INFRASTRUCTURE
- GRID UPGRADES
- PIER WIND – OFFSHORE WIND STAGING AND INTEGRATION FACILITY



# WORKFORCE ZEVOLUTION

REQUIRE SIGNIFICANT  
WORKFORCE

Oil and Gas



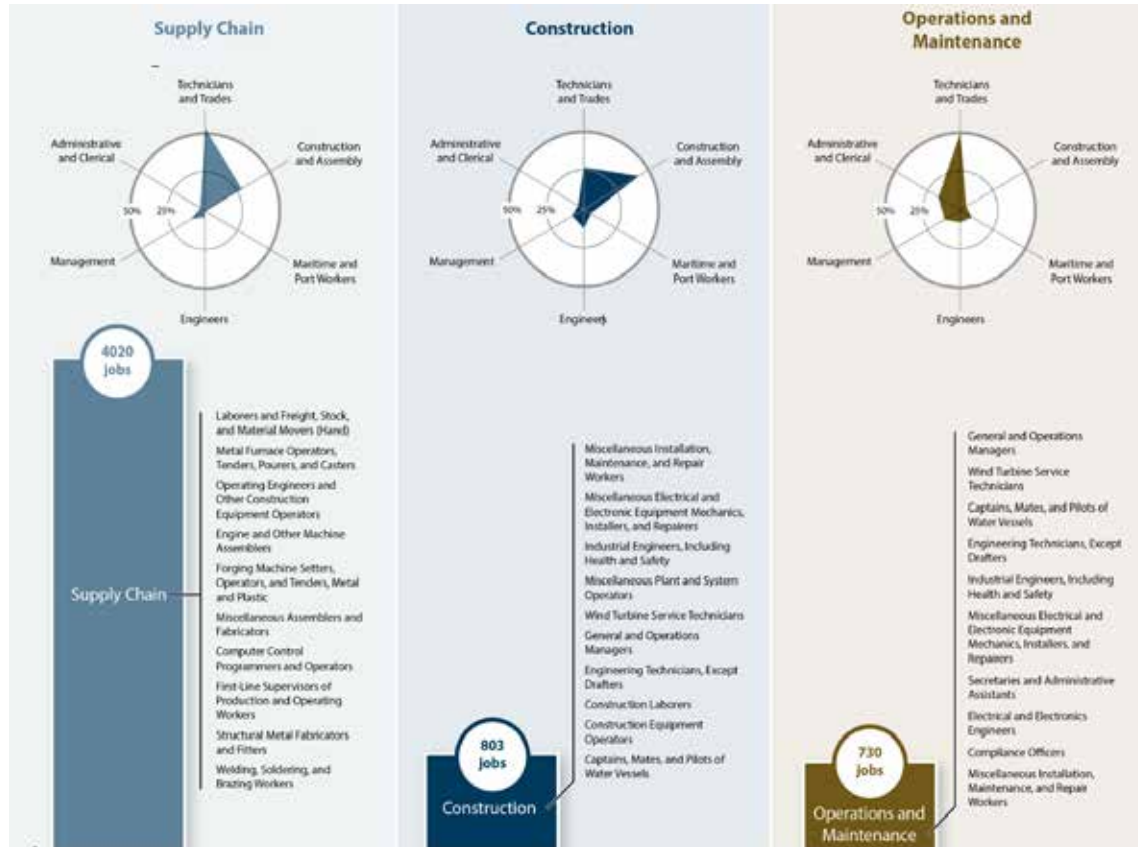
CREATE NEW JOBS  
AND OPPORTUNITIES



GREEN ECONOMY



# OFFSHORE WIND JOBS



\*Up to 17,950 jobs needed to achieve California's Offshore Wind goals by 2045.

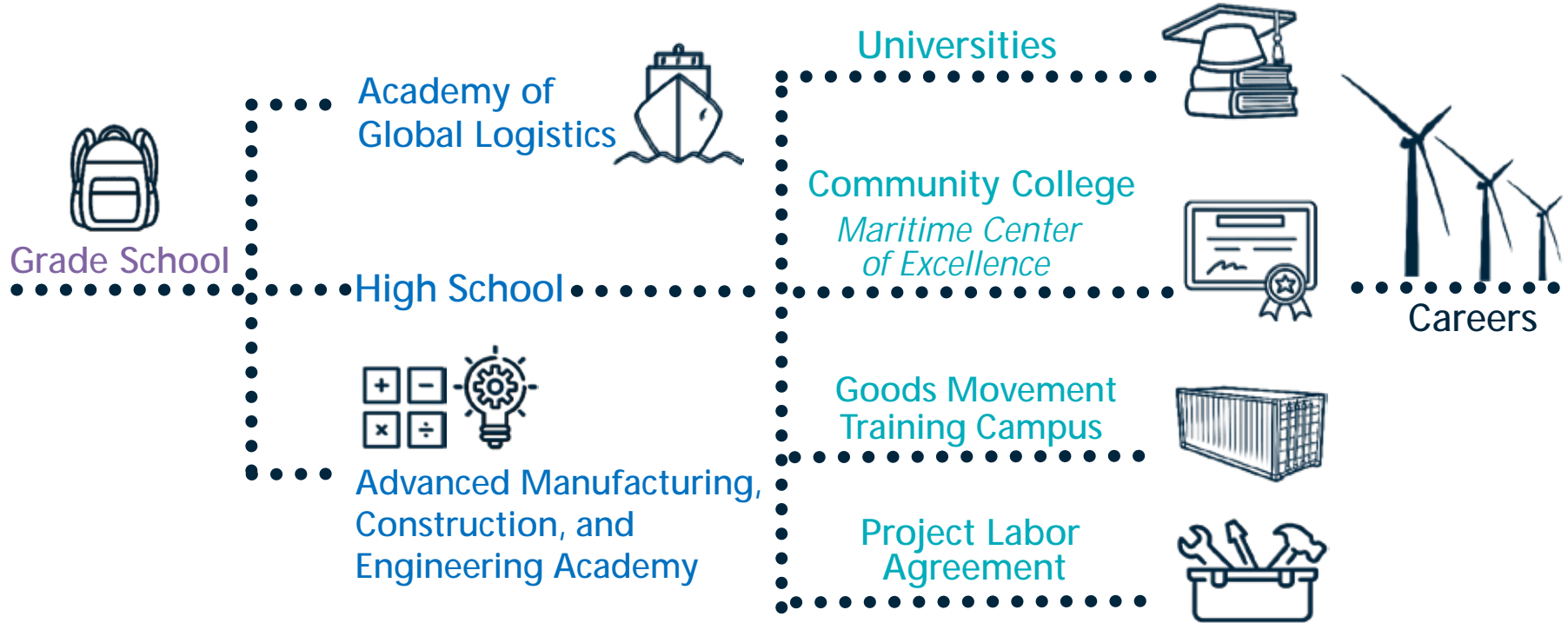
# WORKFORCE DEVELOPMENT FUNDING

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- Youth Build Program - \$90 million
- Apprenticeship Building America Grants - \$121 million
- Building Pathways to Infrastructure Jobs Grant Program - \$200 million
- Golden State Pathways Program - \$500 million
- Career Technical Education Incentive Grant - \$300 million

Over \$1.2 billion at the federal and state level for workforce development

# POLB WORKFORCE DEVELOPMENT SUPPORT





Port of  
**LONG BEACH**  
THE GREEN PORT

# THANK YOU

