



## Priority Goods Movement Opportunities

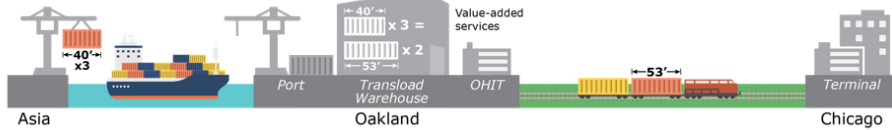
**Opportunity Package 1:**  
Sustainable Global  
Competitiveness

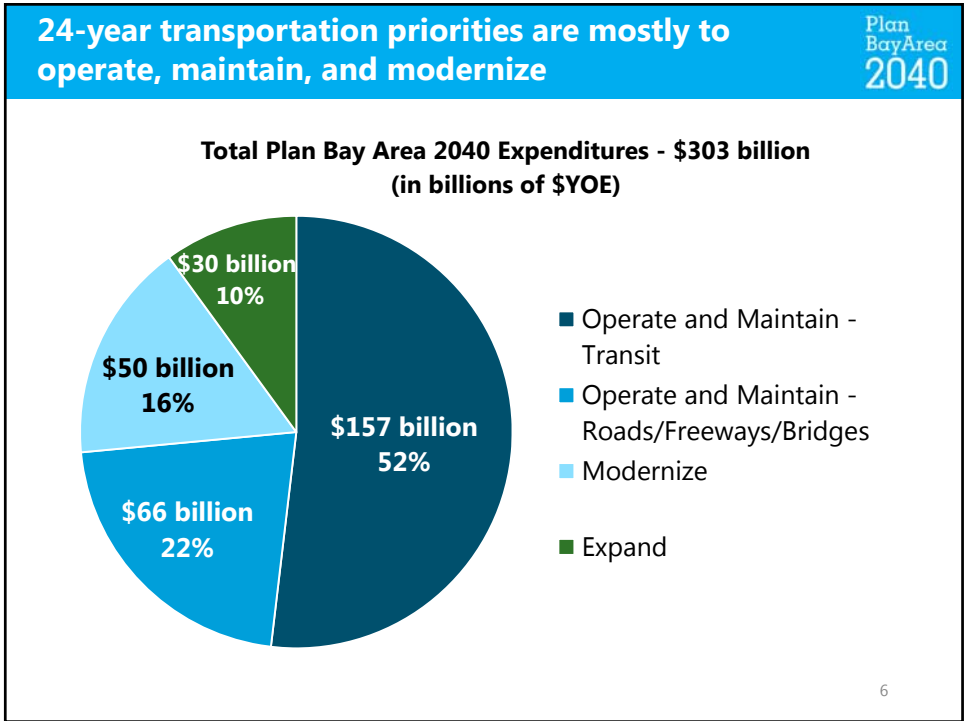
**Opportunity Package 2:**  
Smart Operations and  
Deliveries

**Opportunity Package 3:**  
Modernizing Infrastructure



### Transload Import *Sustainable Global Competitiveness*





## Plan Bay Area 2040 includes over \$5 billion for goods movement investments

Plan BayArea 2040

Goods Movement Strategy	Total Plan Investment
Modernizing Infrastructure	\$4,400 million
Clean Fuels and Impact Reduction	\$350 million
Smart Deliveries and Operations	\$300 million



Increase efficiency of the Port of Oakland

Reduce emissions of delivery trucks

Reduce neighborhood impacts

Fund strategic highway investments

Primary fund sources: National Highway Freight Program, Cap and Trade, Future Bridge Toll Revenue

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## Freight Emission Reduction Action Plan

### Objective:

Provide recommended steps to advance ZE/NZE technologies for freight transportation, including demonstration plans



Range Extended Electric Vehicles (REEV) for medium to heavy duty (Class 5-6) trucks



Yard Switcher Using Dual Mode Battery-Assisted Locomotive

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## Mega-Regional Goods Movement Study

**WHO:** Caltrans, SF Bay Area, Sacramento Metro Area, San Joaquin County, and Monterey Bay Area

**WHY:** Grow the mega-region's goods movement economic cluster


**HOW:** Evaluate infrastructure needs, operational efficiencies, land use conflicts, community impacts, and workforce development

**WHEN:** Launched in November 2016 with final plan anticipated in June 2018



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## Near-term Freight Coordination with the State



MTC's role in the California Freight Investment Plan (CFIP):

- Participation on the Technical Working Group for designating critical freight corridors
- Help coordinate call for projects for the Freight Investment Plan

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