



California Sustainable Freight Action Plan

Webinar

October 1, 2015



State Agencies Hosting Today's Webinar

- California State Transportation Agency
- California Environmental Protection Agency
- California Natural Resources Agency
- Governor's Office of Business and Economic Development
- California Department of Transportation
- California Air Resources Board
- California Energy Commission

What is Freight?

Freight refers to all commodities transported for pay, whether by water, land, or air

Supply Chain refers to the sequence of processes involved in production and distribution of a commodity

Logistics refers to managing the flow of commodities from the point of production to the point of consumption

Freight Transport System



Modes & Facilities



Freight Impacts California Communities on Many Levels

- Economy and jobs
- Safety and mobility
- Health and well-being
- Natural resources
- Energy security

Economy and Jobs

Freight-dependent industries accounted for:

- Over \$700 billion
 - 32% of the California economy (2013)
- Over 5 million jobs
 - 33% of California jobs (2013)

Sustainable Freight Transportation Vision

Future freight demand accommodation through clean energy technology and statewide trade corridor improvement



Goals:

- Develop and implement freight efficiency improvements
- Enhance safety and community livability
- Reduce future freight dependence on fossil fuels
- Adequate, dependable, sustained funding for innovative freight infrastructure and maintenance

Health and Well-Being



Cut air
toxics
health risk



Attain air
quality
standards



Mitigate
climate
change

Zero-emission technology/ renewable energy

Protecting our Natural Resources

- Management strategies that reduce risks
 - Water
 - Agriculture
 - Biodiversity
 - Forests
 - Oceans and Coasts

Energy Reliability and Diversity

- Fuel and technology planning
 - Vehicle fueling infrastructure
 - Transportation electrification
 - Technology roadmaps
 - Market assessments

CALIFORNIA CLIMATE STRATEGY

An Integrated Plan for Addressing Climate Change



VISION

Reducing Greenhouse Gas Emissions to 40% Below 1990 Levels by 2030

GOALS

**50%
reduction
in petroleum
use in vehicles**

**Carbon
sequestration
in the land base**

**Safeguard
California**



**50%
renewable
electricity**

**Double energy
efficiency savings
at existing buildings**

**Reduce
short-lived
climate pollutants**

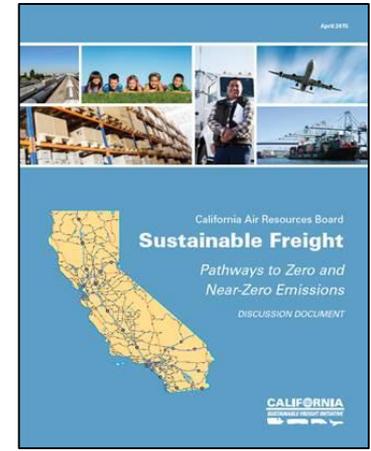
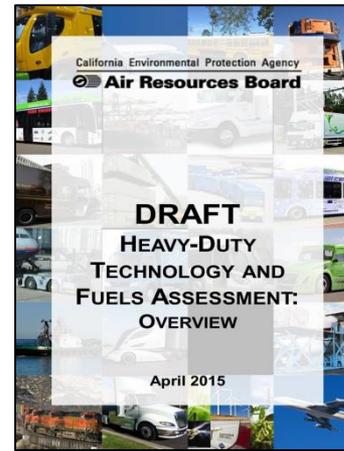
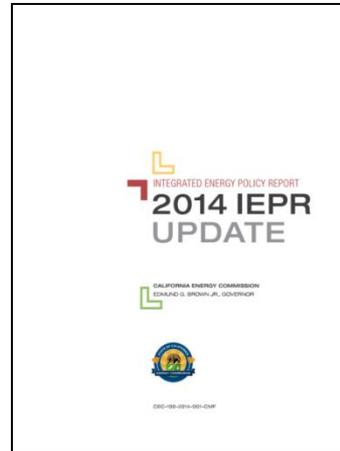
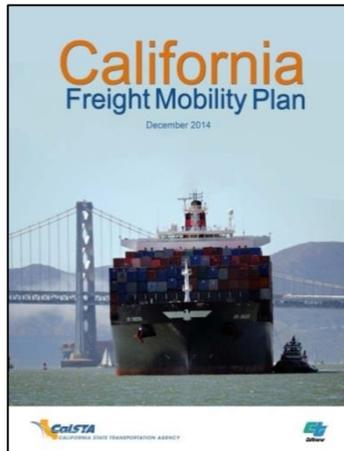
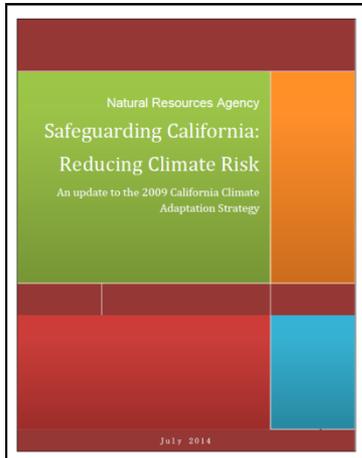
California Sustainable Freight Action Plan

Governor's Executive Order B-32-15 Directs State agencies, in consultation with stakeholders to:

- Establish targets to improve freight efficiency, transition to zero/near-zero technologies, and increase competitiveness of the freight system
- Identify State actions to help achieve targets
- Initiate work on corridor-level freight pilot projects



Foundation for Action Plan



Vision for California's Freight Transport System in 2030 and 2050

- Emerging freight system trends and outlook
- Magnitude of change needed from freight system to help meet 2030 and 2050 goals
- Benefits to California in 2030 and 2050

Freight Targets for 2030

- Zero and near-zero emission technologies
- Freight system efficiency
- Increase competitiveness of freight system

Near-term Actions to Support 2030 Freight Targets

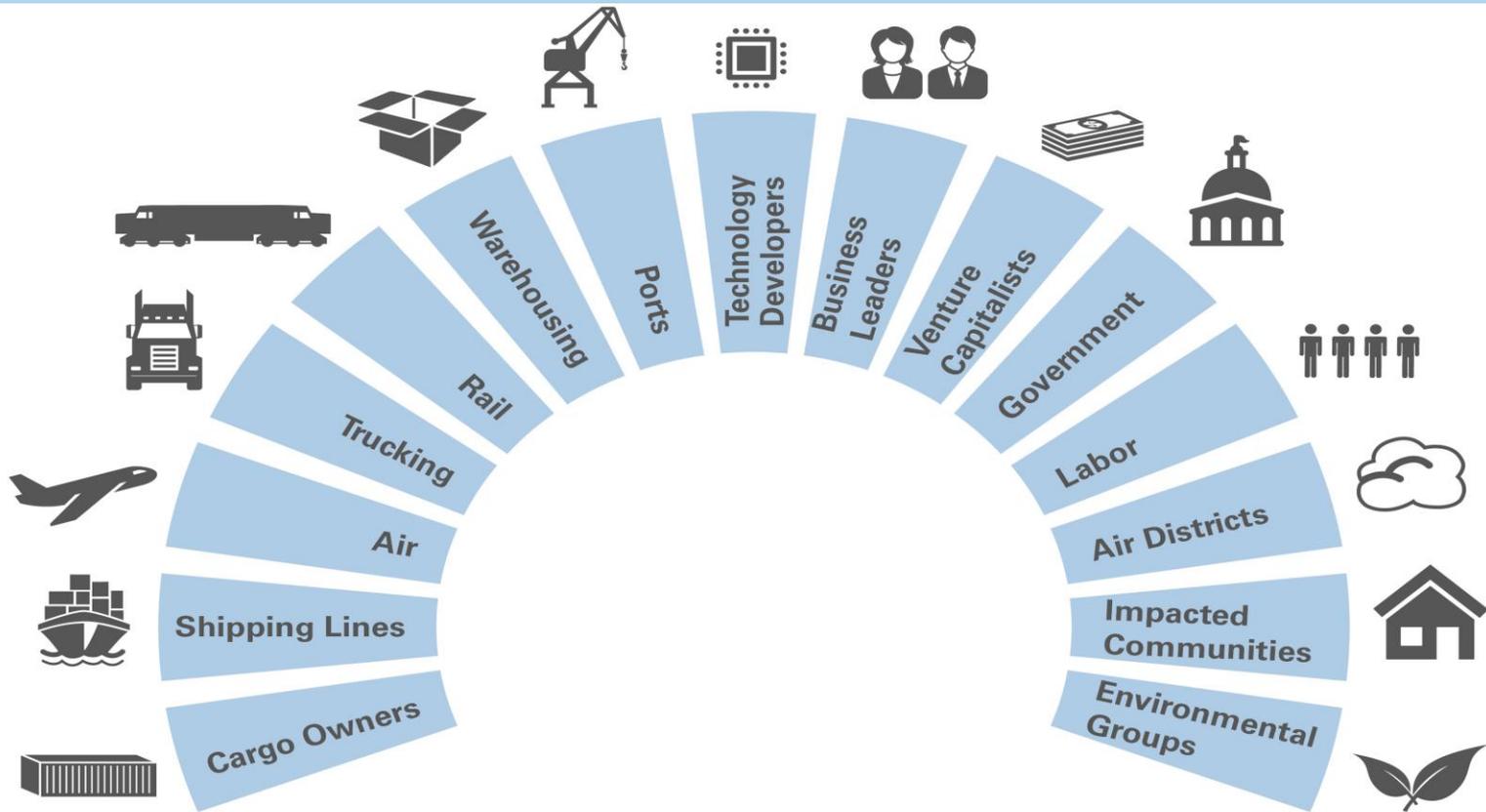
Public and private policies, programs, and investments

- Engines and vehicles
- Energy and fuels
- Infrastructure and facilities
- Funding and incentives
- System efficiencies
- Economy

Freight Pilot Projects

- Corridor level and located within State's primary trade corridors
- Incorporates advanced technologies, alternative fuels, freight and fuel infrastructure, and local economic development components
- Transformation potential

Stakeholder Engagement



Process and Timeline for Development

- Targets
Initial proposals for public comment at California Freight Advisory Committee in Fall 2015
- Near-Term Actions
Draft list for public comment at regional workshops in January 2016
- Pilot Projects
Concepts for public comment at regional workshops in January 2016
- Draft Plan Release in Spring 2016
- Final Plan Release in July 2016

We Want Your Input

Take Our Survey Here:

<http://dot.ca.gov/hq/tpp/offices/ogm/cfac1.html>

Submit General Written Comments:

CSFS@dot.ca.gov

Contact Us

General Inquiries	California Department of Transportation: CSFS@dot.ca.gov
Engines and Equipment/Pilot Projects	California Air Resources Board: Lezlie.Kimura@arb.ca.gov
Economy and Jobs	Governor's Office of Business and Economic Development: Frank.Ramirez@gov.ca.gov
Energy and Fuel	California Energy Commission: Andre.Freeman@energy.ca.gov
Logistics and system-wide efficiencies/Freight infrastructure and facilities/ Funding and incentives	California Department of Transportation: CSFS@dot.ca.gov

Question and Answer Session

- *Please type your questions into the question dialogue box*
- *Agency staff will address your questions today during the webinar or as part of a follow up document*