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
- Reduce short-lived climate pollutants
- 50% renewable electricity
- Double energy efficiency savings at existing buildings

Safeguard California
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

- Warehousing
- Ports
- Technology Developers
- Business Leaders
- Venture Capitalists
- Government
- Labor
- Air Districts
- Impacted Communities
- Environmental Groups
- Cargo Owners
- Shipping Lines
- Trucking
- Rail
- Air
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**

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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