- UPDATE -
Development of the California Sustainable Freight Action Plan

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Freight Is Important to California’s Economy

Freight-dependent industries account for:
• Over $700 billion, 32% of the California economy (2013)
• Over 5 million jobs, 33% of California jobs (2013)

California freight projections for 2025:
• 25% increase in volume
• 60% increase in commodity value

• Projections Source: Freight Analysis Framework Data by U.S. Department of Transportation, 2012
2/3 of Freight Transport Within California

- 10% From
- 5% Through
- 67% Within
- 18% To

Source: Freight Analysis Framework Data by U.S. Department of Transportation, 2012
Governor’s Executive Order B-32-15: California Sustainable Freight Action Plan

State agencies, in consultation with stakeholders, to develop plan by July 2016:

• Targets for efficiency, zero emission technology, and economics

• Potential actions to advance State objectives

• Corridor-level freight pilot projects

Multi-decade, iterative process to transform California’s freight system
Relation to Other Plans
# Process and Timeline

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Framework of Action Plan

- A long-term **vision** for California’s future freight transport system
- **Guiding principles** to achieve the vision and prioritize projects for funding
- **2030 targets** to guide State progress
- **Agency actions** to help meet the 2030 targets
- Corridor-level **pilot projects** to demonstrate an integrated approach across agencies
Draft 2050 Vision

 Freight in California is moved on a modern, integrated, and resilient system that continues to support California’s economy and livability. It is transported safely and efficiently by zero emission equipment everywhere feasible, and near-zero emission equipment powered by clean low-carbon renewable fuels everywhere else.
Draft Targets for 2030

• System Efficiency:
  Improve freight system efficiency by 25% by 2030

• Technology:
  Deploy over 100,000 freight vehicles and equipment capable of zero emission operation and maximize near-zero emission freight vehicles and equipment powered by renewable energy by 2030

• Economy:
  Foster future economic growth within the freight and goods movement industry by promoting flexibility, efficiency, investment, and best business practices through State policies and programs that create a positive environment for growing freight volumes, while working with industry to lessen immediate potential negative economic impacts
Agency Actions

Action concepts the agencies are considering for development over the next five years to help achieve progress towards the 2030 freight targets

• Concepts vary in level of development

• Range of implementation paths being considered
  o Data, research and analysis
  o Planning
  o Regulation
  o Funding and incentives
  o Advocacy, outreach and coordination
Agency Actions (cont.)

- System Efficiency
- Advanced Technologies
- Freight and Fuel Infrastructure
- Alternative and Renewable Fuels
- Freight Facilities and Hubs
Freight Efficiency “Think Tank”

- Convened by Caltrans
- Chaired by Dr. Sperling
- Participants: freight industry, academics, advocates, government
- Task: Examine and identify broad-based efficiency strategies to incorporate into the California Sustainable Freight Action Plan
Pilot Projects
Objectives

• Measureable progress towards freight targets within a 2030 timeframe

• System transformation potential

• Opportunity for integrated State agency support

• Scalability
Potential Freight Pilot Projects

- Food Consolidation and Distribution Hub (N. CA)
- Urban Delivery (Bay Area)
- Dairy Biogas for Freight Vehicles (SJ Valley)
- Advanced Technology Truck Only Lane (S. CA)
- Advanced Technology Truck Fast Lane (Border)
Economic Impacts

• Evaluate potential impacts of freight actions on the California economy, industry sectors, and residents
  o Estimate direct costs and savings
  o Model the macroeconomic impact of the Action Plan on the California economy, California industry, and residents
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# Contact Us

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<tr>
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<td>California Air Resources Board: <a href="mailto:Lezlie.Kimura@arb.ca.gov">Lezlie.Kimura@arb.ca.gov</a></td>
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<td>Economy and Jobs</td>
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<td>Energy and Fuel</td>
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<td>Logistics and system-wide efficiencies/Freight infrastructure and facilities/ Funding and incentives</td>
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