Objectives and Progress on Sustainable Freight in California
April 26, 2016

WWW.CASUSTAINABLEFREIGHT.ORG
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
Progress in Reducing Freight Emissions in California

**NOx**
(Tons per day)

**SOx**
(Tons per day)

**PM2.5**
(Tons per day)

**GHG**
(million metric tons CO2-e per year)
Air Quality Objective

Zero emission equipment everywhere feasible, and near-zero emission equipment powered by clean low-carbon renewable fuels everywhere else.
Vision for the Future: Trucks

- “Based on currently foreseeable technology, there are opportunities to move this sector to zero emission technologies, with near-zero emissions feasible for many applications in the near-term.”

- “The progression for zero emission technologies is expected to occur first in urban bus and last mile applications and later be adopted in other heavy-duty applications as the technology progresses and supply chains are developed.”
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
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
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
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<thead>
<tr>
<th>Date</th>
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<tbody>
<tr>
<td>April 29, 2016</td>
<td>Draft Plan Released for Public Comment</td>
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<tr>
<td>May 10, 2016</td>
<td>CFAC Meeting</td>
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<td>May 18-19, 2016</td>
<td>CTC Meeting</td>
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<td>May 19, 2016</td>
<td>Board Meeting</td>
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<tr>
<td>June 3, 2016</td>
<td>End of Public Comment</td>
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<tr>
<td>July 2016</td>
<td>Finalize and submit to Governor</td>
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