



California Sustainable Freight Action Plan

Targets and Metrics



Governor's Executive Order B-32-15

Develop an integrated action plan by July 2016 which:

- ✓ Establishes clear targets to improve freight efficiency
- ✓ Transitions to zero-emission technologies
- ✓ Increases competitiveness of California's freight system
- ✓ Initiates work on corridor-level freight pilot projects within 2015.



Freight Efficiencies

- ▶ Application of New Technology and Smart Logistics & Infrastructure Investments by **25%** by 2030.
- ▶ Stakeholder group currently evaluating approaches to increase freight efficiency



Technologies

Deploy 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.



Competitiveness

- ▶ Evaluate potential costs as part of broader analysis
 - ▶ Sector-by-Sector discussion of outputs
- ▶ Minimize negative impacts to the freight industry



The Path Forward

- ▶ Develop actions
 - ▶ Reduce emission, Increase efficiency, Enhance resiliency & Minimize costs
- ▶ Identify sectors impacted by actions
- ▶ Locate costs and benefits of actions
- ▶ Gather Industrial data for past-through potential
- ▶ Conduct economic evaluations
- ▶ Work with stakeholders in identifying potential freight project opportunities.



Questions and Discussion

The background features abstract geometric shapes in various shades of blue. On the right side, there are overlapping triangles and polygons. One prominent shape is a large triangle with a fine grid pattern. Other shapes are solid colors in different tones of blue, creating a layered, modern aesthetic.