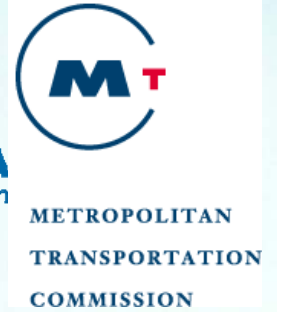


Bay Area Goods Movement Collaborative

Strategy Evaluation and Package Review



Strategy Evaluation Roundtable

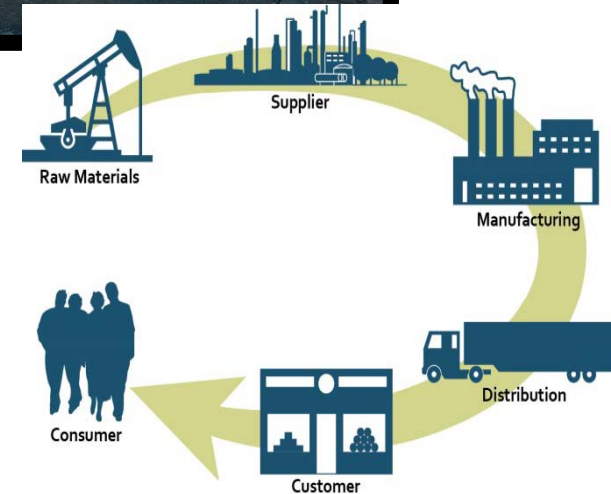
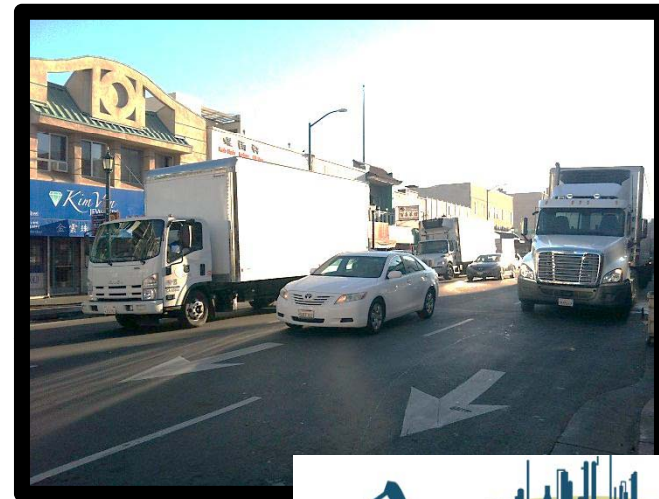
July 22, 2015

The Importance of Goods Movement

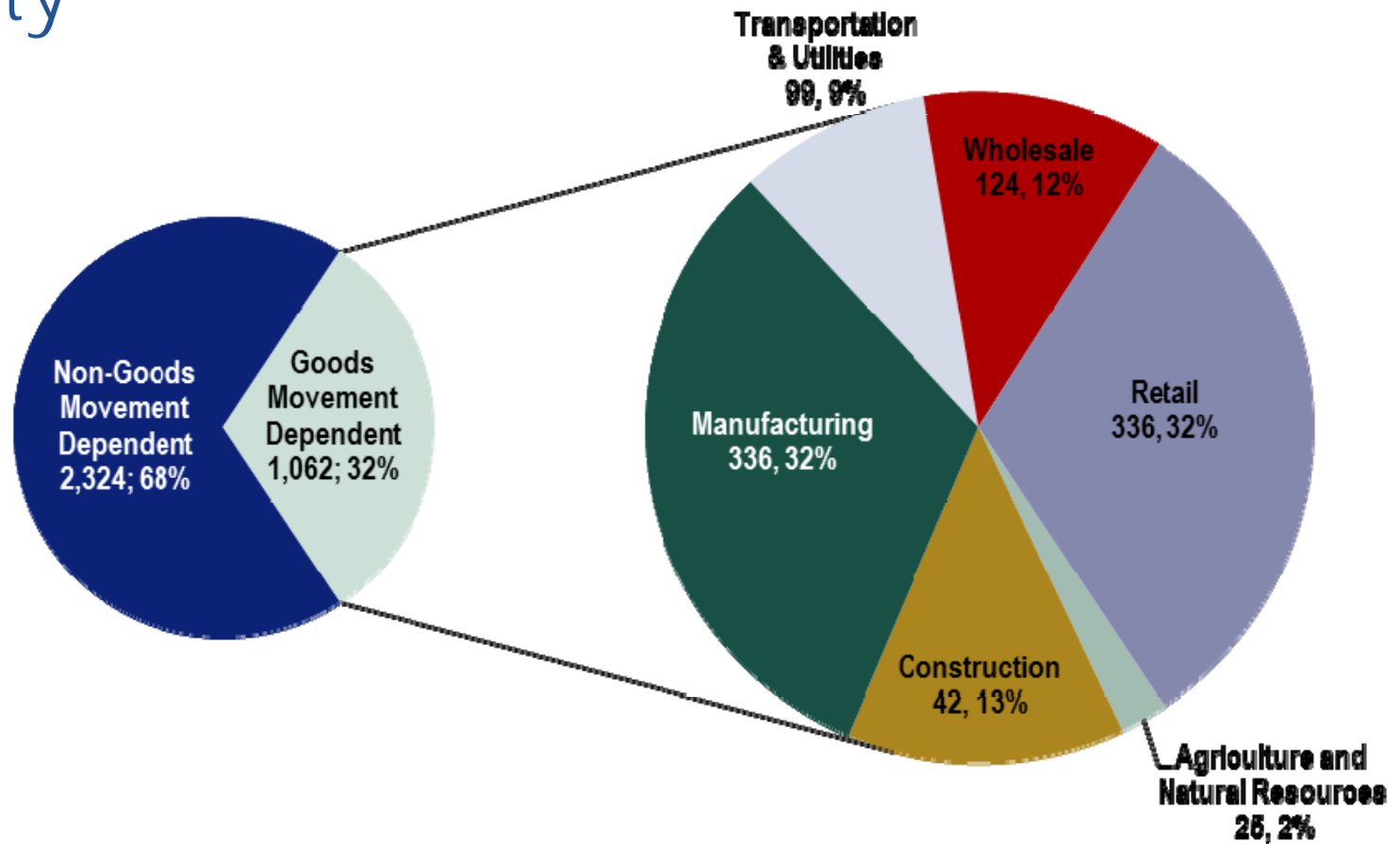


Importance of Goods Movement

- Goods Movement is integral to the region's economy
 - *Moves products that support our daily life*
 - *Provides supplies to businesses and brings their products to market*
 - *Over \$600 billion of goods flow within or through the region each year*



Goods Movement Dependent Industries in the Bay Area – Job Creation and Job Diversity

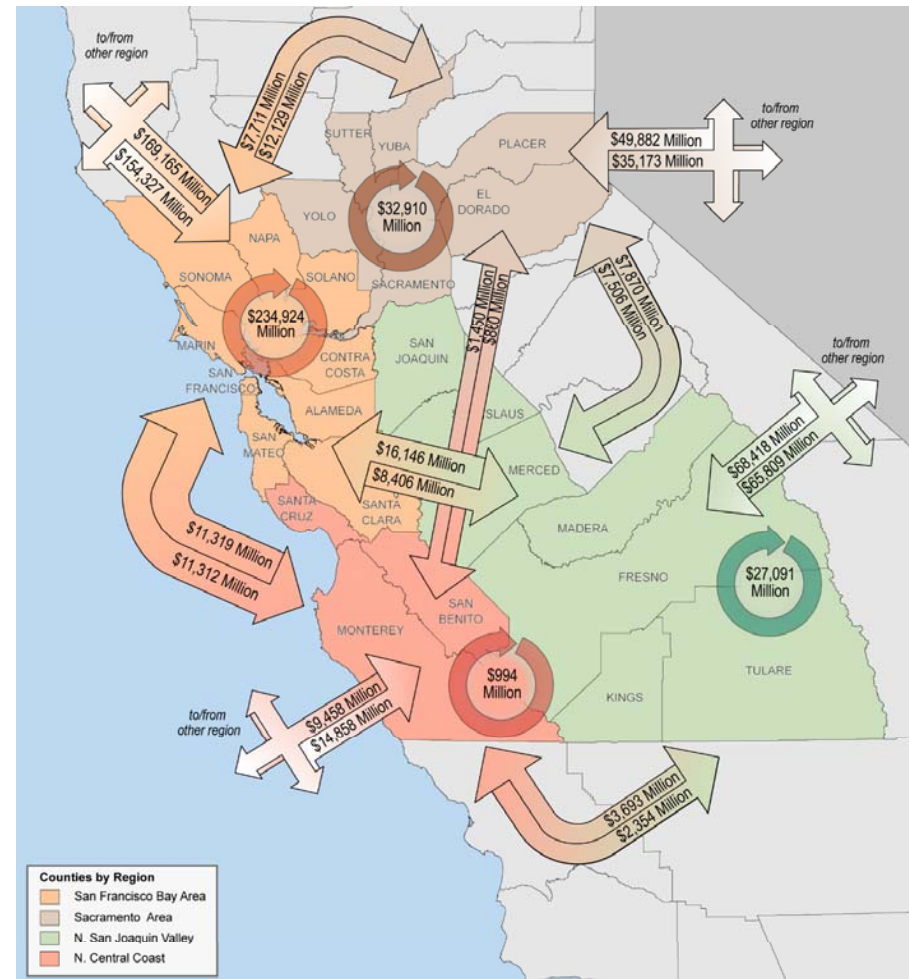


Employment in Bay Area, 2010
in Thousands of Employees

Source: ABAG *Plan Bay Area Economic Forecasts*; factors from CCSCE and Cambridge Systematics Analysis.

The Center of Goods Movement in Northern California

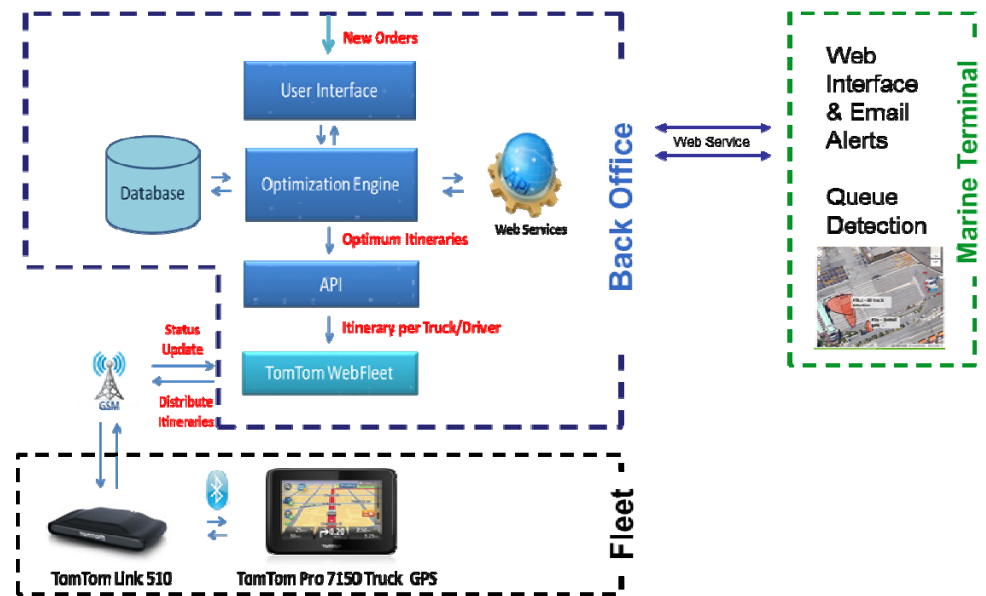
- More than \$953 billion in freight flows in Northern California
 - *40% moves entirely within the mega-region*
- The Bay Area and Alameda County provide most of mega-region's critical goods movement infrastructure



Potential for Leadership in Freight Technology Innovation

Low Emission Technologies

Freight Intelligent Transportation Systems



Goods Movement Functions



Global Gateways

- Global gateways handle international trade, and cover entry and exits points that are essential to moving imports/exports.



Interregional and Intraregional Rail and Highway Corridors

- Interregional corridors link Alameda County and the Bay Area with the rest of the U.S.



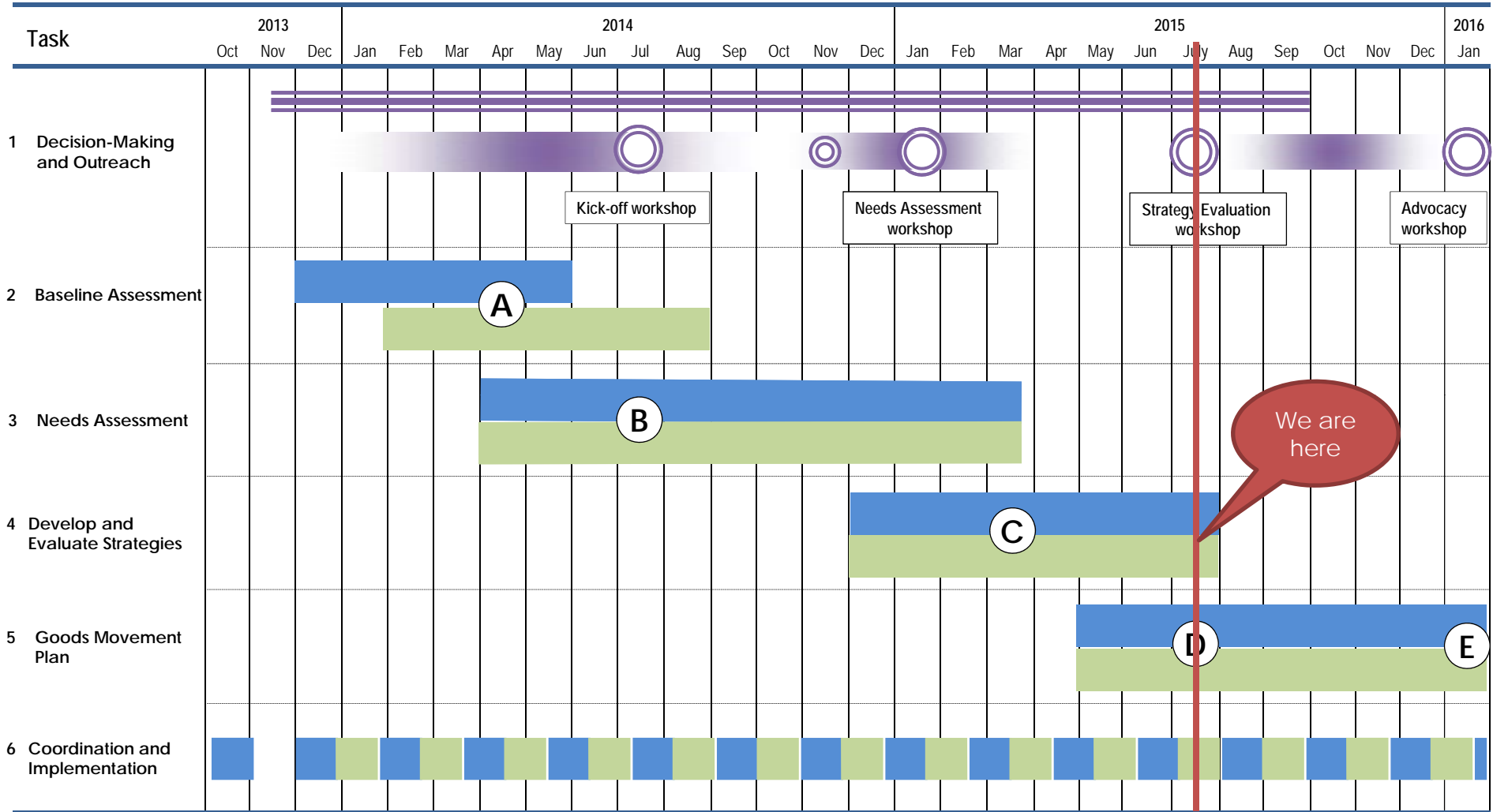
Local Streets and Roads

- Local streets and roads link global gateways and the interregional and intraregional corridors.

Overview of Progress



Alameda County Transportation Commission and Metropolitan Transportation Commission Goods Movement Collaborative and Goods Movement Plans



We are here

- Executive Team/Tech Team/Regional Advisory Group Meetings
- Stakeholder Roundtables (Broad and topic-based)
- Interest Group Meetings and Outreach

- ACTC Activity
- MTC Activity

- Vision and Goals
- Performance Measures
- Strategy Development
- Strategy Evaluation Results
- Final Plans

Phase 1 Stakeholder Engagement

- 1-on-1 and group meetings with:
 - *Public health and community groups*
 - *Trade unions*
 - *Shippers/receivers*
 - *Government agencies*
 - *Business chambers/commerce*
 - *Carriers*
 - *Railroads, aviation, maritime reps*
- Survey of ACTAC member organizations (Alameda County)

Phase 1 Stakeholder Engagement

- Roundtable #1: July 2014
 - *Building a Regional Perspective: Goods Movement Opportunities and Issues in the Bay Area*
- Roundtable #2: November 2014
 - *Community Collaboration for Sustainable Goods Movement*



Phase 2 Stakeholder Engagement

- Group meetings with:
 - *Public health and community groups*
 - *Motor carriers and logistics service providers*
 - *Shippers and shipper associations*
 - *Government agencies*
 - *Business organizations*
- Online survey of Roundtable participants for input on needs and potential strategies
 - *Broad representation of public agencies, community organizations, business associations, and private sector companies*

Phase 2 Stakeholder Engagement

- Roundtable #3: January 2015
 - *Moving Goods and Freight in the Bay Area: Needs and Opportunities*



Technical Memos Status Update

Task Name	ACTC Task Status	MTC Task Status
Visions and Goals	Complete	
Baseline Assessment	Complete	Complete
Importance and Benefits of Goods Movement	Complete	Complete
Performance Measures and Evaluation Framework	Complete	
Freight Forecasts and Disaggregation	Complete	
Gaps, Needs and Deficiencies	Draft posted, final revisions underway	Draft posted, final revisions underway
Strategy Development	Complete	Draft posted, final revisions underway
Project/Program/Policies Evaluation	Draft undergoing staff review	Draft undergoing staff review



Next Steps

- Complete revisions of strategy evaluation – September 2015
- Draft plans developed – Fall 2015
- Final plans developed – January 2016
- Advocacy Roundtable – January 2016

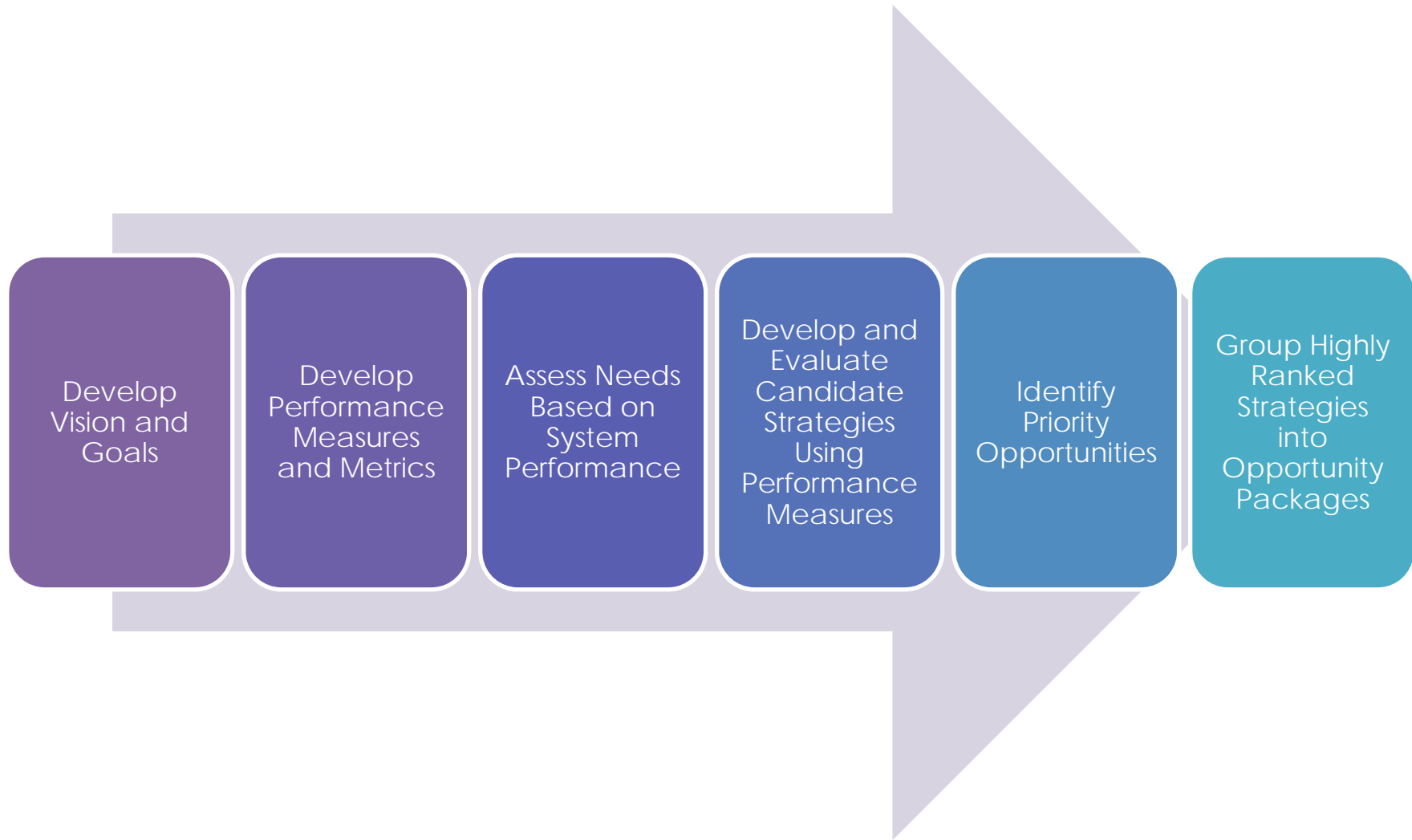
Regional Freight Opportunities and High Priority Strategies



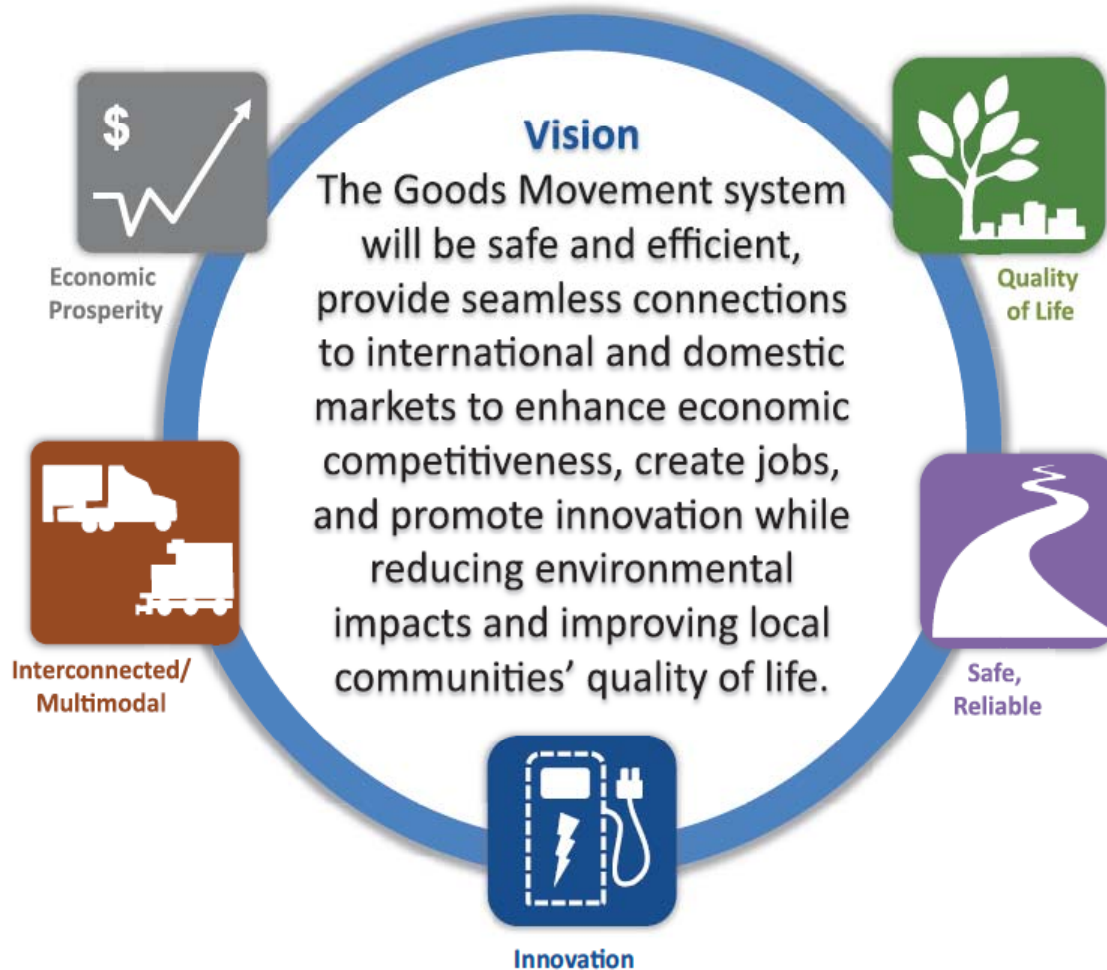
Goals for Today's Roundtable

- Stakeholder input on high priority “opportunity packages”
- Begin discussion of how to use this information to shape the Alameda CTC and MTC Goods Movement Plans

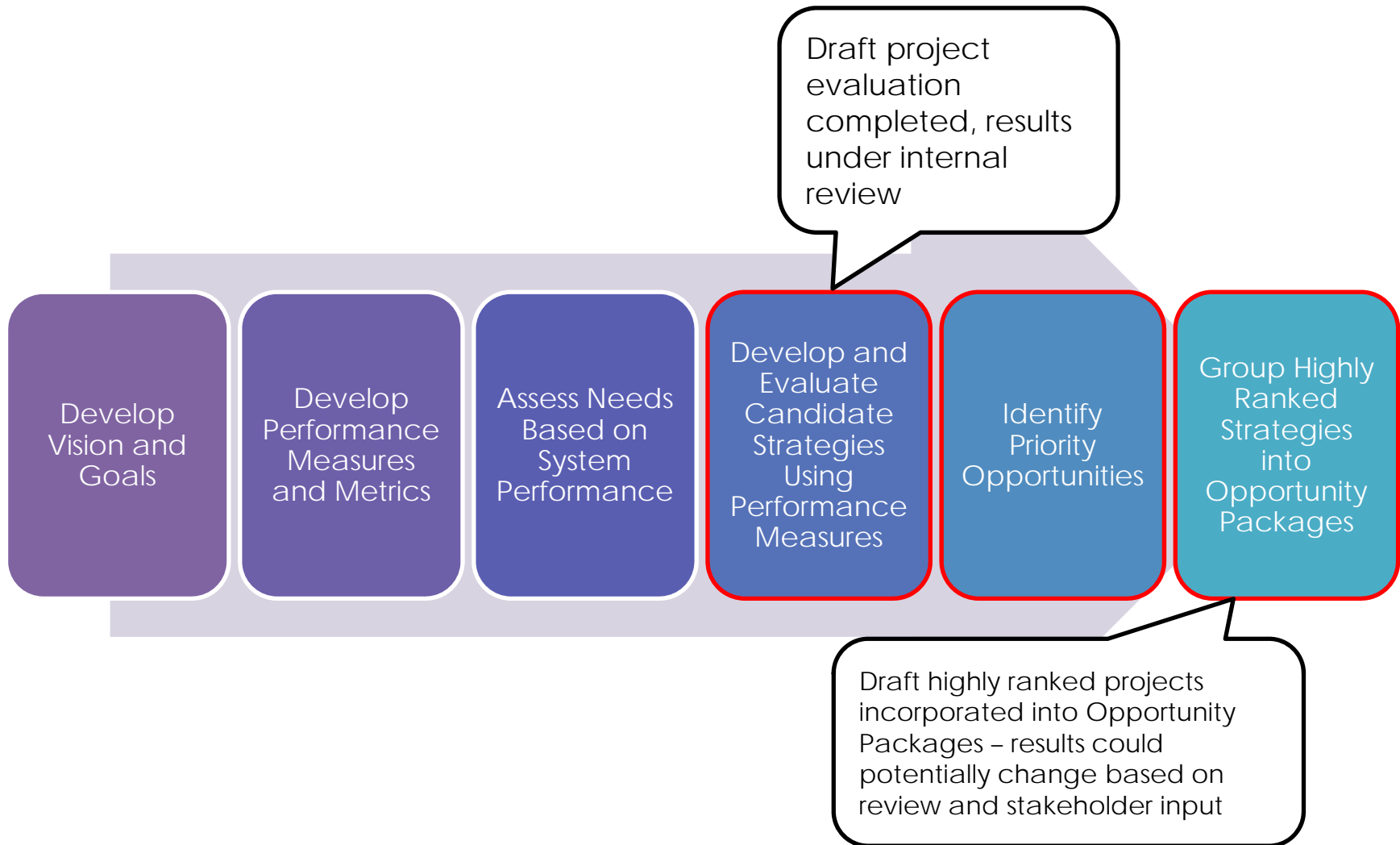
Strategy Evaluation Process



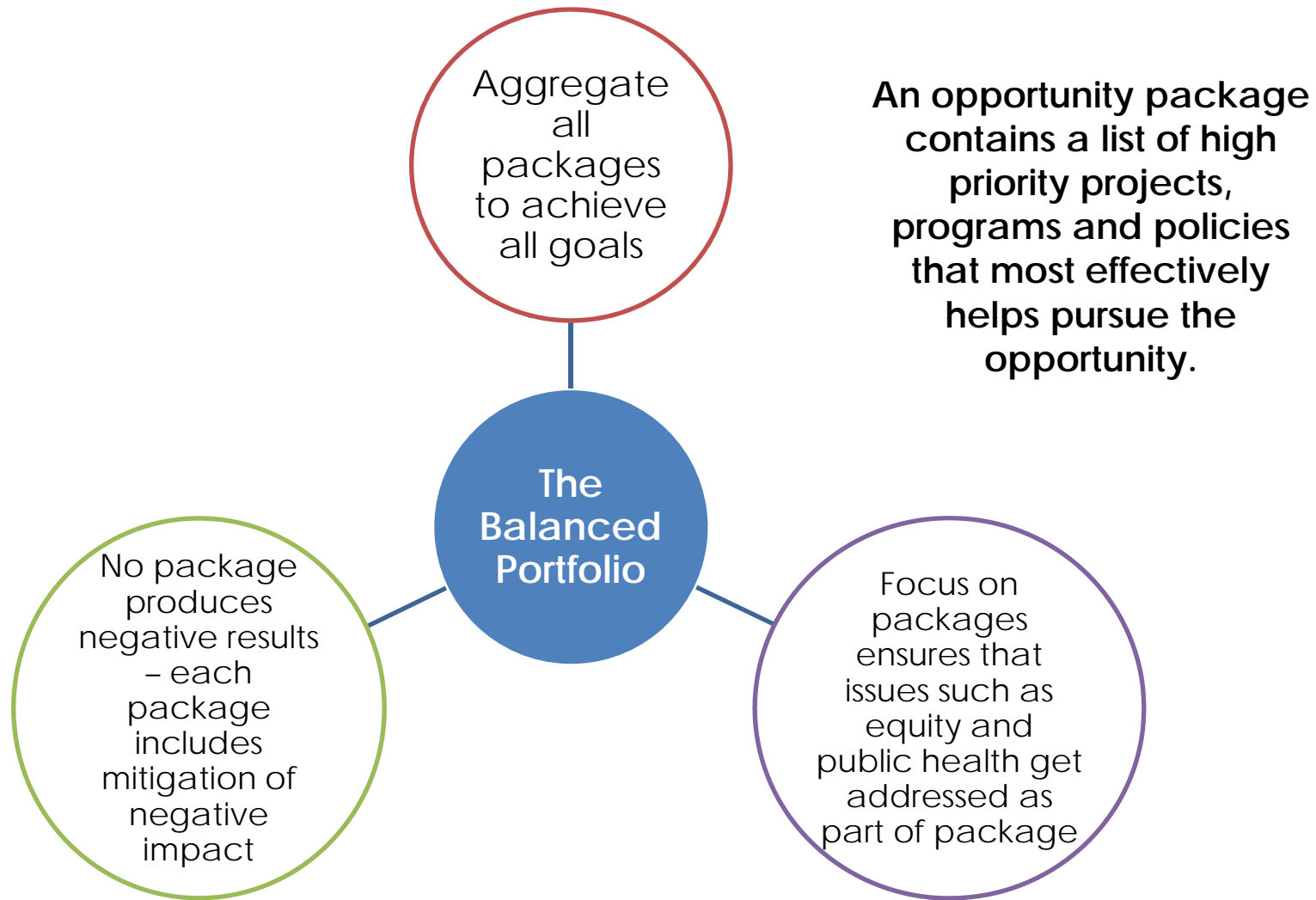
Goods Movement Vision and Goals



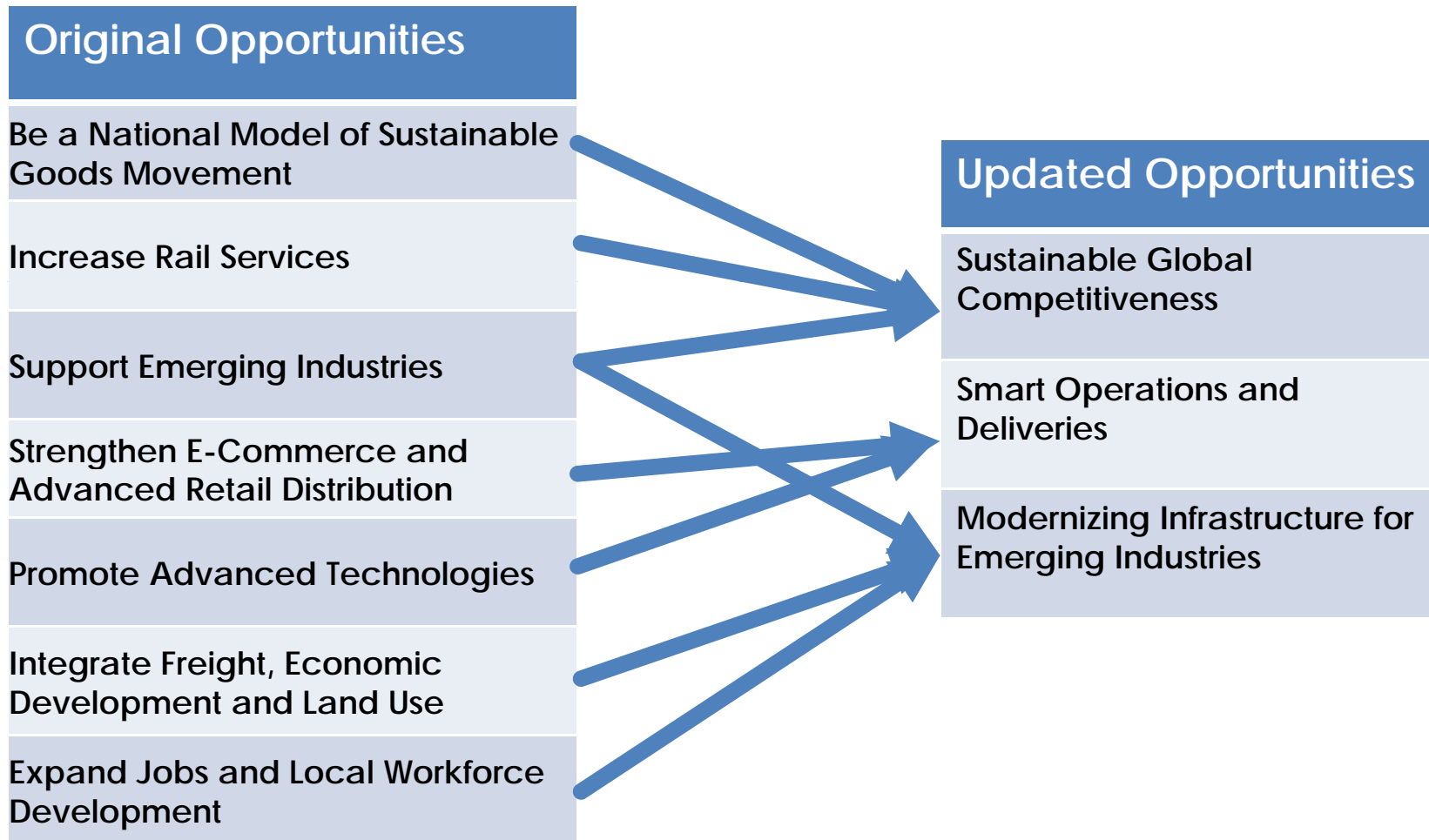
Status of Evaluation Process



Assembling Opportunity Packages



The Evolution of Opportunities



Opportunity Package 1: Sustainable Global Competitiveness

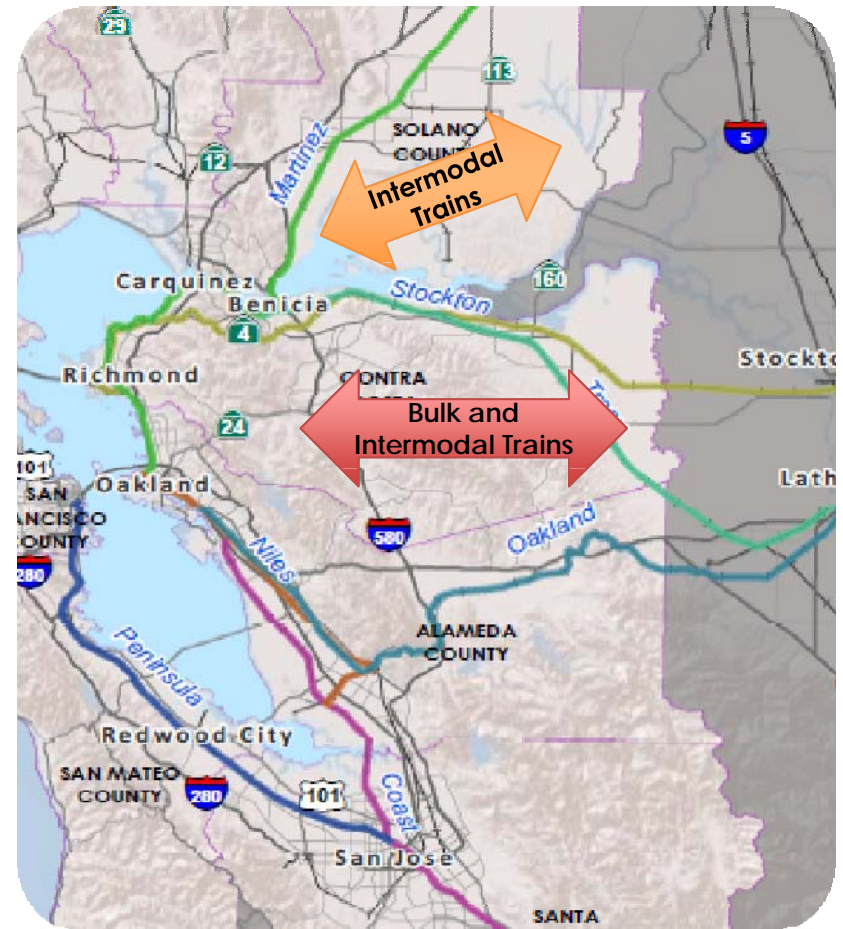
Support environmentally sustainable investments at key global gateways that create local jobs, protect the community and attract international commerce.



Graphic source: Worker: <https://www.port.venice.it/en/2011-safety-day.html>; Truck: <https://www.gobytrucknews.com/carb-ups-grant-budget/123>
Rail: https://en.wikipedia.org/wiki/Double-stack_rail_transport#/media/File:Cajon_Intermodal.jpg

Rail Investments – Increasing Competitiveness, Creating Jobs, Reducing Congestion

- Critical to creating a world class logistics hub
 - *Capacity needed on both northern and southern route to Oakland*
 - *Public investment to achieve public benefits*
 - *Benefits other Bay Area ports*
- Promote transload and domestic intermodal in Oakland
 - *Shifts truck to rail*
 - *Creates local jobs*



Opportunity Package 1: Sustainable Global Competitiveness – Strategies

- *7th Street Grade Separation projects (East and West)*
- *Middle Harbor Road improvements*
- *Oakland Army Base Phase 2 improvements*
- *Oakland Army Base Phase 2 Intermodal Rail Improvements*
- *Improved truck services and parking at OAB*
- *Truck circulation improvements to reduce queuing at freeway ramps and around marine terminal gates (includes Adeline/3rd Street overpass improvements)*
- *Airport Perimeter Dike*
- *Demonstration of and incentives for zero and near-zero emissions truck technology for port*

Opportunity Package 1: Sustainable Global Competitiveness – Strategies Cont'd

- *Support for enforcement of truck parking and truck route designations in neighborhoods adjacent to the Port complex*
- *Rail grade crossing improvements and quiet zone improvements*
- *A program of track additions, sidings, and new connections to provide connection through Niles Canyon*
- *Hayward double track, Jack London to Elmhurst triple track, and Jack London to Embarcadero triple track*
- *Potential improvements to the Martinez Subdivision from Oakland to Richmond and High-Level Benicia-Martinez Rail Crossing and Viaduct*
- *Rail and Terminal Emission Reduction Program*

Opportunity Package 2: Smart Operations and Deliveries

Support technology and innovative operations strategies to improve goods movement, reduce congestion and increase safety on urban and rural roads.



Graphic source: Nighttime Delivery: <http://blog.tstc.org/2011/05/06/better-faster-smarter-off-peak-deliveries-in-nyc/>; Other graphics from Cambridge Systematics.

Opportunity Package 2: Smart Operations and Deliveries - Strategies

- *Demonstration pilot for nighttime delivery programs*
- *Freight ITS (FRATIS) demonstration at Port of Oakland and potential ITS application linked to airport access at Oakland International Airport*
- *Freight guidelines for incorporation in Complete Streets policy and programs and funding for implementation through state and regional programs*
- *Integrated Corridor Management programs for I-880 and I-580*
- *Arterial smart corridor program*
- *Night gate program at Port of Oakland*

Opportunity Package 2: Smart Operations and Deliveries – Strategies Cont'd

- *Develop a Clean Truck Policy and Program Collaborative*
- *Freight Corridors Community and Impact Mitigation Initiative*
- *Near-Zero and Zero-Emission Goods Movement Technology Advancement Program*

Opportunity Package 3: Modernizing Infrastructure for Emerging Industries

Support Bay Area industry and job diversity by:

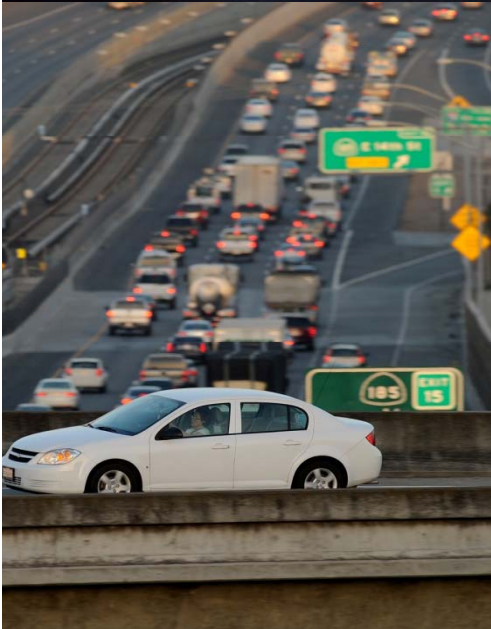
- modernizing the road network in industrial corridors,
- improving safe access to industrial corridors and facilities
- reducing land use conflicts along freight corridors, and
- improving last-mile truck routes and rail connections to existing and emerging industries

Opportunity Package 3: Modernizing Infrastructure for Emerging Industries - Strategies

- *Land use guidelines and incentive programs to cities that reduce conflicts between residential/commercial land uses*
- *A program of freeway modernization and interchange improvements (specific projects) on the region's primary industrial truck corridors (I-80, I-880, SR4, I-580, and US101) and including completion of the interchange improvements at I-80/I-680/SR12*
- *Truck access and speed safety projects on rural roads with growing commute travel*
- *Truck route planning guidance*
- *Development of public or public-private truck parking and full-service truck service facilities near major industrial centers (most likely in the Hayward, Union City, Fremont area)*
- *Targeted programs to encourage use of zero-emission trucks and cargo handling equipment particularly in the I-80, I-880, I-580 and SR4 corridors*
- *A regional program to assist with the development of industrial rail spurs*

Open House: Understanding the Goods Movement System and Potential Opportunities





GOODS MOVEMENT COLLABORATIVE AND GOODS MOVEMENT PLAN



METROPOLITAN
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COMMISSION



Group Discussion on Regional Strategies to Improve Freight

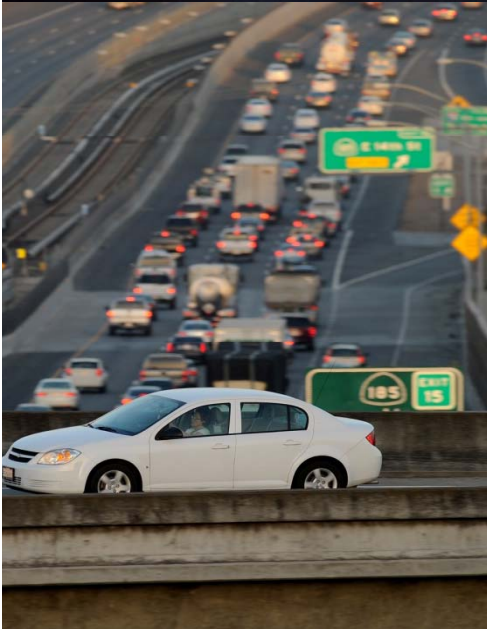
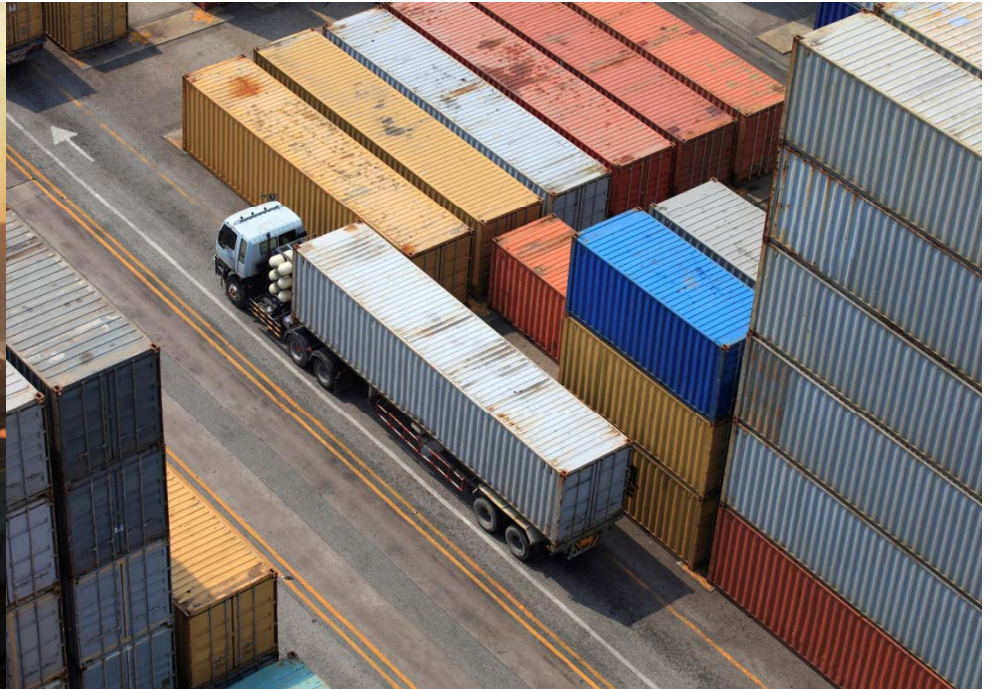


Discussion Questions

- **What are the highest priority opportunities for Alameda County and the Bay Area region?**
 - *Should any of the three opportunity packages be eliminated from further consideration? Should others be added?*
- **What are the highest priority strategies for each Opportunity Package?**
 - *Should some strategies be removed and/or added to those presented today?*
- **What are the biggest obstacles to achieving the opportunities?**
- **How can stakeholders help with implementation and advocacy for these Opportunity Packages?**

Next Steps

- **Complete the Roundtable Activity Sheet online by July 30th:**
 - *www.surveymonkey.com/r/freightstrategies*
- **Phase 3 Stakeholder Engagement:** Fall/ Winter 2015
- **Advocacy Roundtable:** January 2016



GOODS MOVEMENT COLLABORATIVE AND GOODS MOVEMENT PLAN



METROPOLITAN
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Thank You!

