



METROPOLITAN
TRANSPORTATION
COMMISSION

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Memorandum

TO: Planning Committee

DATE: June 6, 2014

FR: Deputy Executive Director, Policy

RE: Regional Goods Movement Plan Update

Background

Plan Bay Area identifies goods movement as a key implementation item and an area to develop further for the Plan update in 2017. As discussed at your March meeting, MTC staff has initiated an update to the Regional Goods Movement Plan. This memo and attached presentation slides provide an update on that effort.

Project Update

The primary focus of work for the past few months has been to initiate stakeholder outreach and conduct an assessment of baseline conditions. In addition, as part of the initial project work, a draft vision statement and goals were developed to help guide the project.

Project Organization

The goods movement planning work is being advised by an Executive Team composed of key leadership from the agencies most actively involved in goods movement in the region and actively committing staff resources to goods movement planning. Members include: MTC, Alameda County Transportation Commission (ACTC), Caltrans District 4, the Bay Area Air Quality Management District, the Port of Oakland, Contra Costa Transportation Authority, Solano County Transportation Authority, Santa Clara Valley Transportation Authority, and the East Bay Economic Development Alliance. In addition, staff is working with the Partnership Technical Advisory Committee, county congestion management agencies, and a broader set of stakeholders described below.

Stakeholder Outreach

Staff and/or the consultant team have conducted numerous meetings with stakeholder groups to discuss their issues and needs related to goods movement. The stakeholders have included industry groups and the business community, shippers and receivers, logistics service providers, trucking firms and organizations, labor, community and social justice groups, environmental and public health organizations, the county congestion management agencies, and the Partnership Technical Advisory Committee. The project team will continue to engage these stakeholders, as well as additional stakeholders, on an

ongoing basis over the course of the project. Some of the key issues and opportunities that were discussed at these meetings are included in the attached presentation.

On July 23rd, MTC and ACTC will jointly host a kick off roundtable event to bring stakeholders from all groups together to discuss what goods movement is in the region, key trends, and what issues and opportunities are critical to the success of the planning efforts. This will be the first of six roundtable events held over the course of the plan development. The roundtables are meant to foster dialogue between stakeholders from all groups and help build a platform for advocacy for goods movement within the region.

Baseline Conditions Assessment

The baseline assessment of goods movement in the Bay Area is nearing completion. The analysis builds upon work recently completed for a Caltrans District 4 study to support the state freight plan. The baseline assessment provides an overview of goods movement in the Bay Area – the types and amounts of various goods transported, the key facilities, highways and rail corridors, and the role goods movement plays in the region's economy. In addition, the analysis looks forward to identify growth projections that inform the needs assessment that will be conducted this summer.

Vision and Goals

The project team, working with the technical advisory committee and other stakeholders, has developed a draft vision statement and goals to help guide the project. As discussed at the Committee's March meeting, the goods movement planning work is being conducted in coordination with ACTC's Countywide Goods Movement Plan. The approach is to ensure that the vision and goals for the regional and county plans are consistent with one another and with the state freight plan under development. The vision and goals are meant to: provide focus to overall project approach and outreach; reflect issues and opportunities identified through early outreach; align common issues in regional, state and Alameda County plans; and organize strategy evaluation using performance measures. The draft vision statement is:

The Goods Movement system will be safe and efficient, provide seamless connections to international and domestic markets to enhance economic competitiveness, and promote innovation while reducing environmental impacts and improving local communities' quality of life.

The goals were developed to be consistent with the goals of the state freight plan, initial freight policy direction from the federal government, and to take into consideration the most recent goals from *Plan Bay Area* and the *Alameda Countywide Transportation Plan*. The draft goals for the project are:

1. Preserve and strengthen an integrated and connected, multimodal goods movement system that supports freight mobility and access, and is coordinated with passenger transportation systems and local land use decisions.
2. Provide safe, reliable, efficient and well-maintained goods movement facilities.
3. Increase economic growth and prosperity that supports communities and businesses.

4. Reduce environmental and community impacts from goods movement operations to create healthy communities and a clean environment, and improve quality of life for those communities most burdened by goods movement.
5. Promote innovative technology strategies to improve the efficiency of the goods movement system.

Next Steps

The next steps for the plan are to finalize the baseline conditions assessment and begin the needs assessment. This work will wrap up in the fall, when we will begin developing draft strategies, related to goods movement projects, programs and policies, including infrastructure, operational and institutional strategies, for recommendation in 2015.



Alix Bockelman

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Goods Movement Collaborative Goods Movement Plan



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Planning Committee

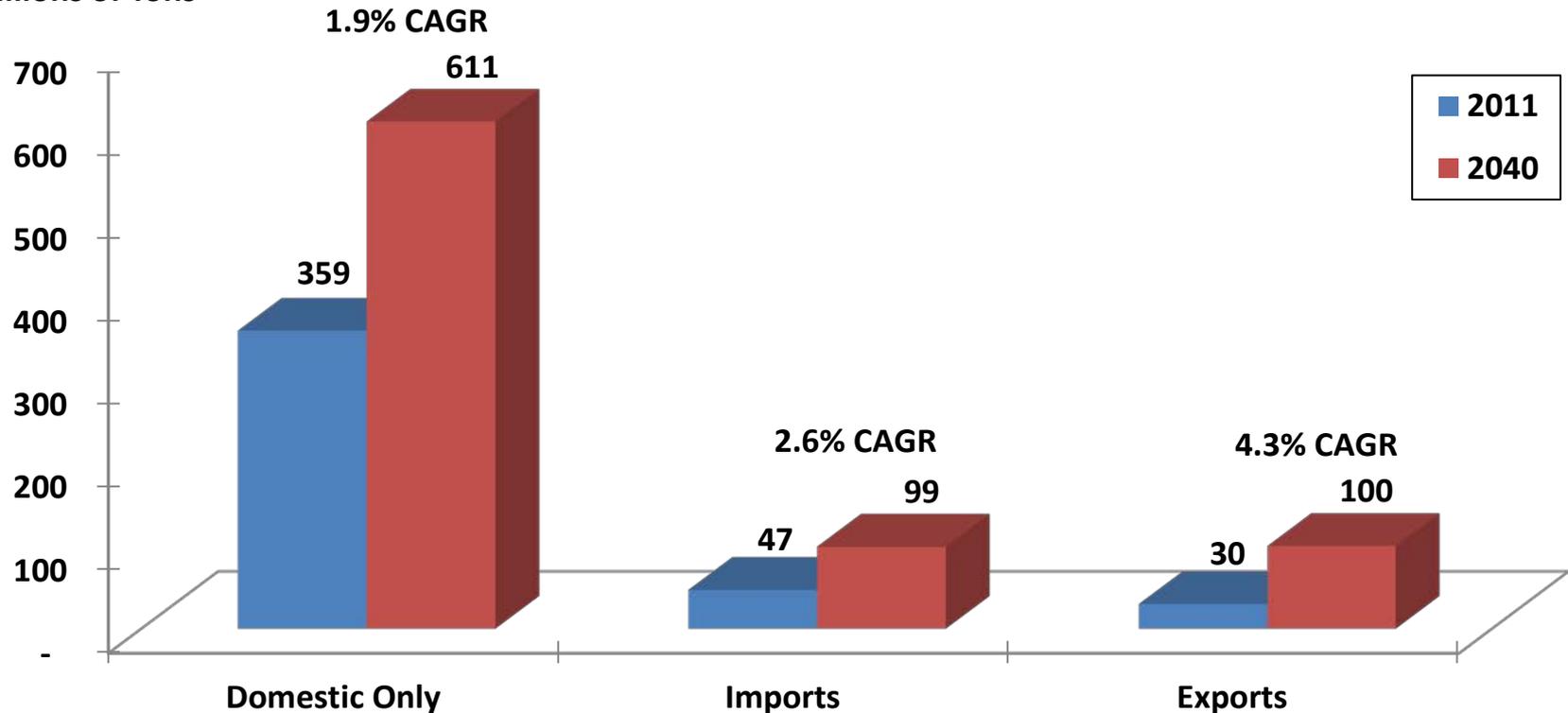
June 13, 2014

Why Goods Movement?

- Integral part of the region's economy
 - *Over \$600 billion of goods flow within or through the region each year*
 - *32 percent of jobs in the region are in goods movement dependent industries; key source of job diversity in the region*
- Heavily reliant on transportation system
 - *Nation's 5th largest marine port and two major airports*
 - *Major highway and rail corridors*
 - *Local streets and roads*
- Significant public health and quality of life impacts on local communities

Goods Movement in the Bay Area by Trade Type – 2011 and 2040

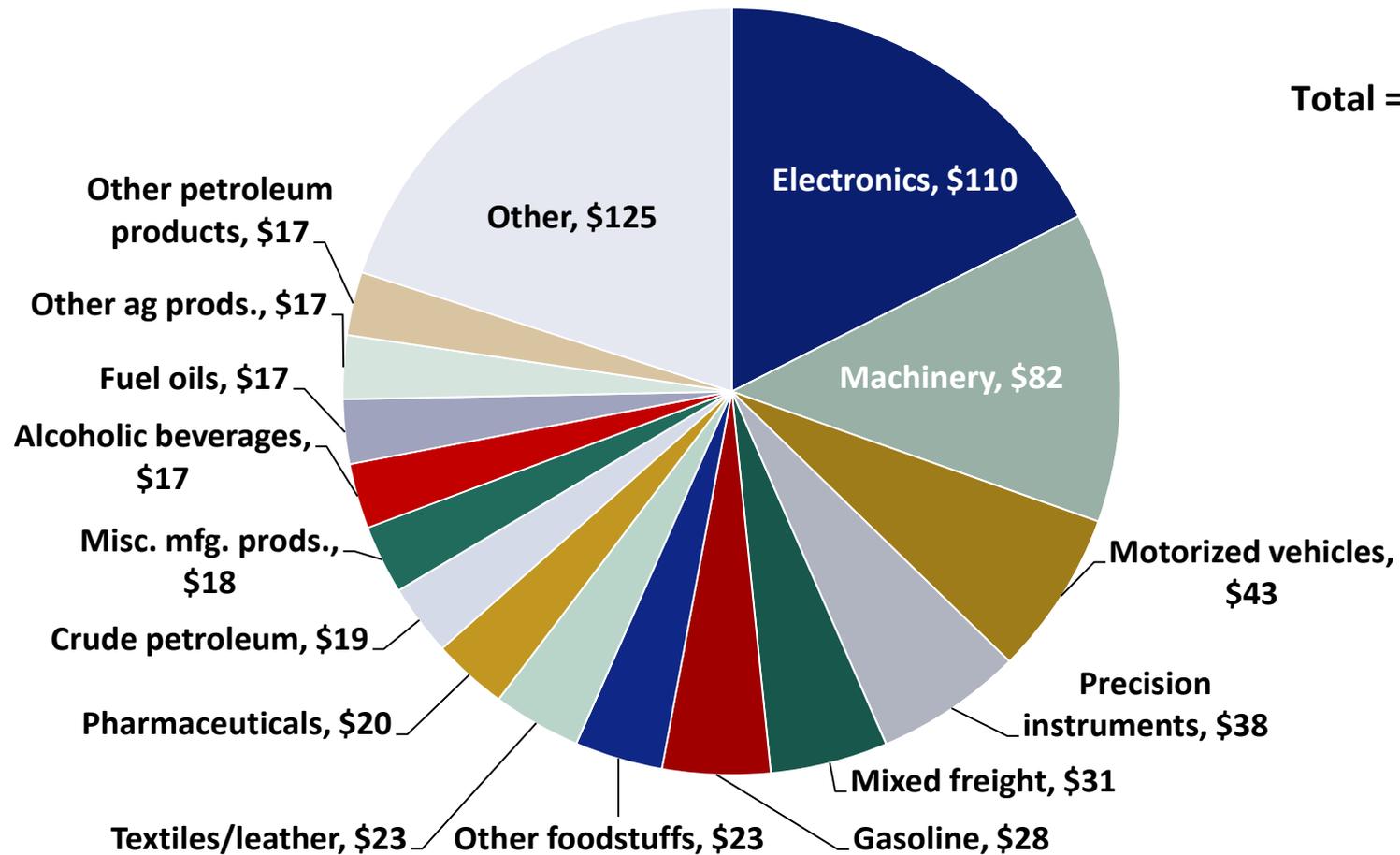
Millions of Tons



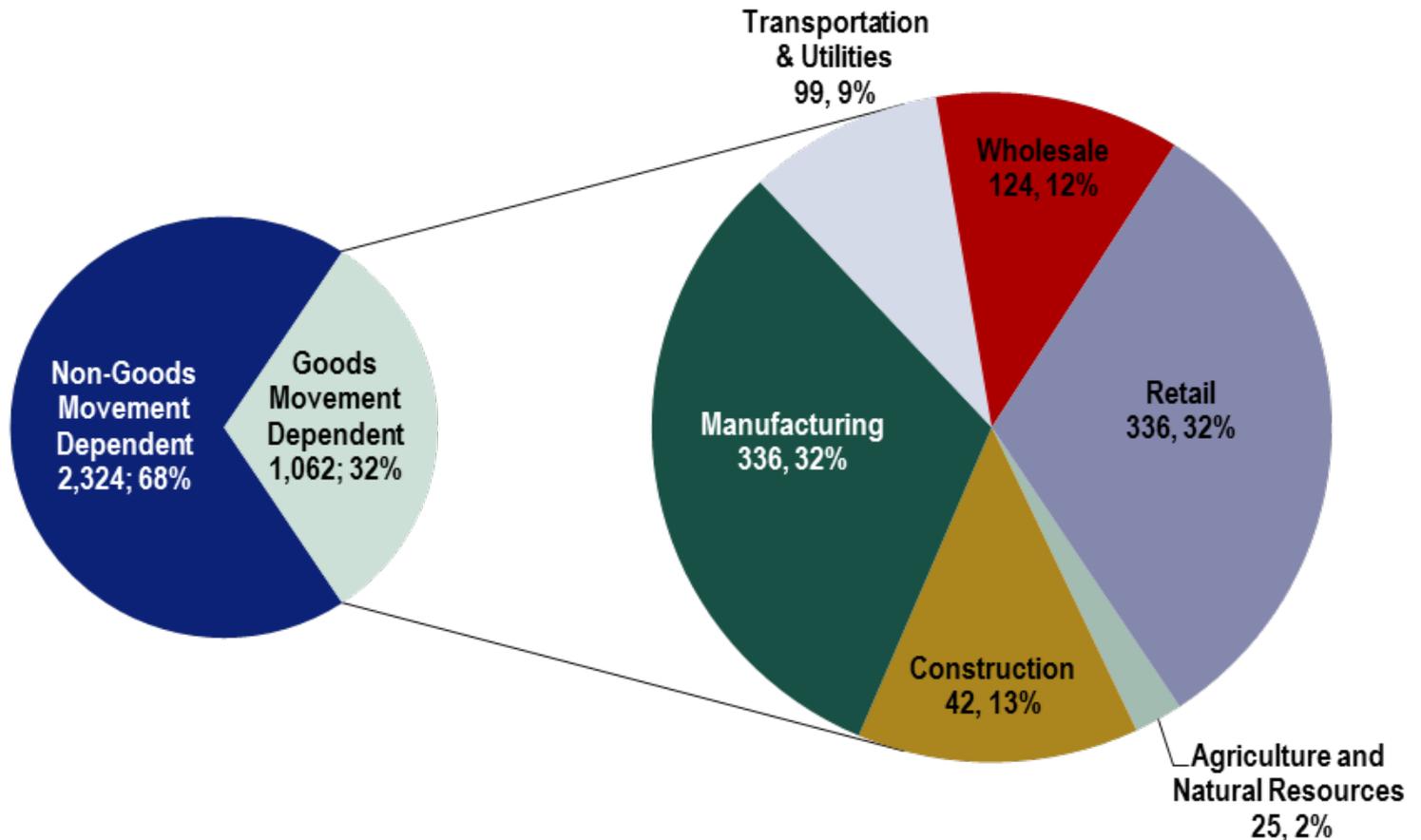
CAGR – Compound Annual Growth Rate

Source: Federal Highway Administration FAF3.

Bay Area Freight Flows by Commodity, 2011- \$Billions



Goods Movement Dependent Industries in the Bay Area



Employment in Bay Area, 2010
in Thousands of Employees

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

Trends, Issues, and Strategies

Goods Movement Issues, Opportunities



- Keeping pace with economic trends, attracting investors
- Port of Oakland improvements in rail service, transload and bulk terminal availability, and turn times (capacity and efficiency)



- Local truck routes: complete streets, lane width, geometry, last-mile connections, multi-jurisdictional coordination
- Jobs equity and community participation



- ITS on arterial Smart Corridors, interregional corridors, and Port terminals
- Innovative funding and financing

Goods Movement Issues, Opportunities



- Public health, pollution, and roadway and railway safety
- Pavement maintenance – highway, rural and local street and roads
- Shared-use multi-modal corridor issues (congestion – rail and highway)



- At-grade crossings: noise and potential delays
- Land use conflicts in industrial corridors
- Truck parking, route guidance, and encroachment issues

Goods Movement Strategies

- Improved transload centers/bulk terminals and rail access to Port
- Freight ITS at terminals, inter-regional corridors and arterial Smart Corridors
- New and improved multi-modal inter-regional corridors and services
- Arterial corridor plans/truck route guidance – trucks in Complete Streets
- Industrial land use guidance
- Low emission technology and financial incentives
- Bottleneck relief on rail and inter/intra-regional corridors

Goods Movement Vision and Goals

Goods Movement Vision and Goals

- Provide focus to overall project approach and outreach
- Reflect issues and opportunities identified through early outreach
- Align common issues in regional, state and Alameda County plans
- Organize strategy evaluation using performance measures

Goods Movement Vision and Goals

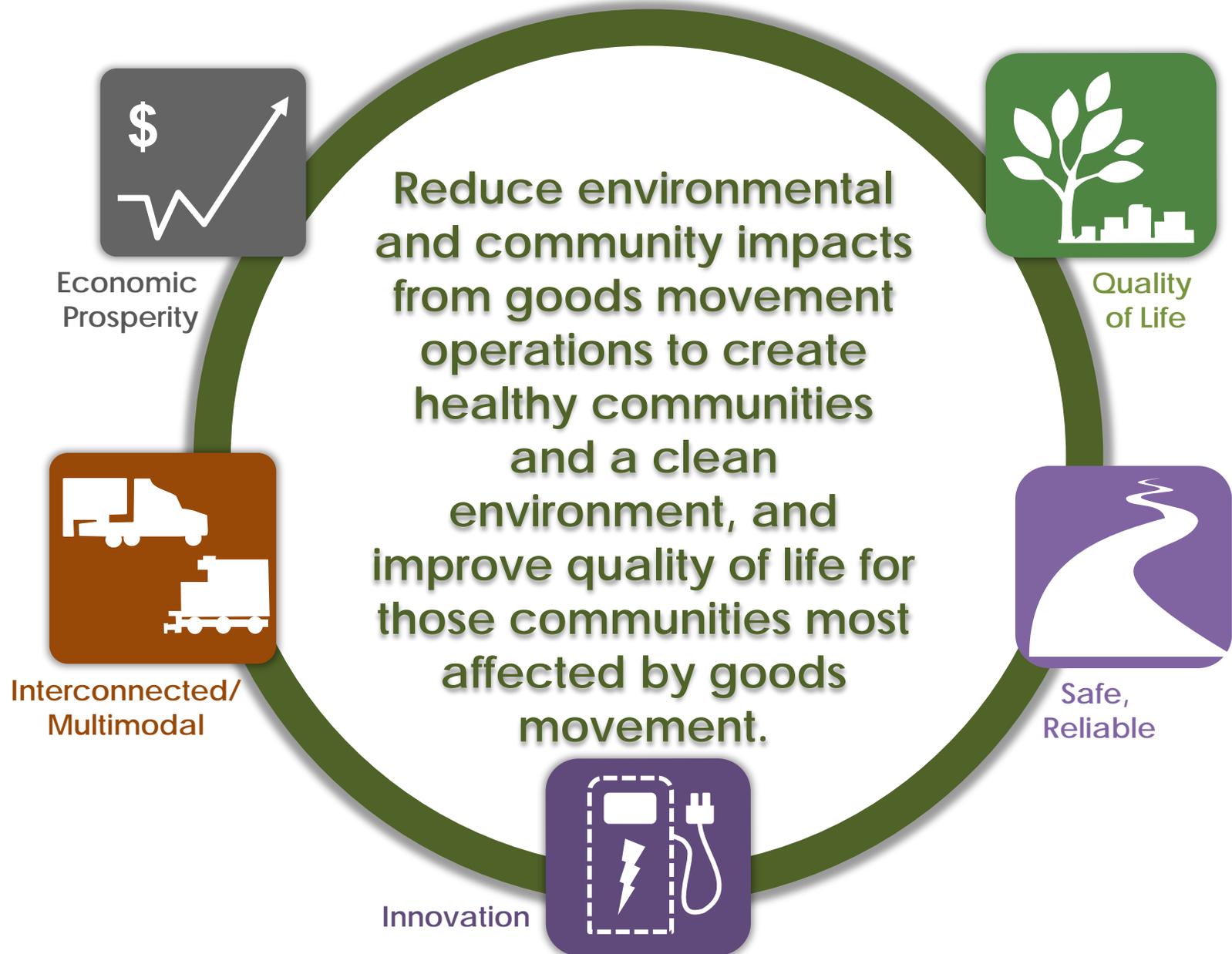
Vision

The Goods Movement system will be safe and efficient, provide seamless connections to international and domestic markets to enhance economic competitiveness, create jobs, and promote innovation while reducing environmental impacts and improving local communities' quality of life.

Goods Movement Vision and Goals



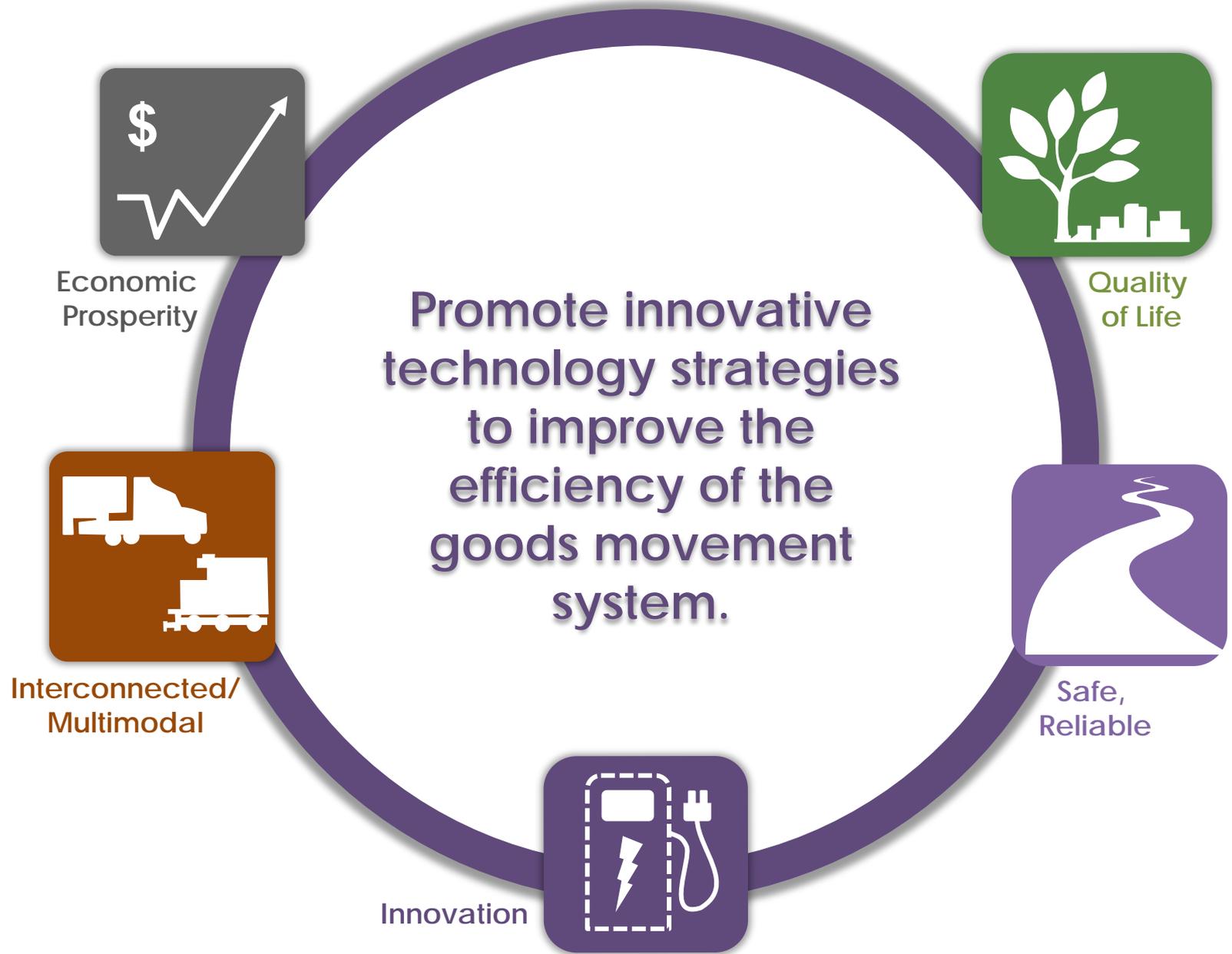
Goods Movement Vision and Goals



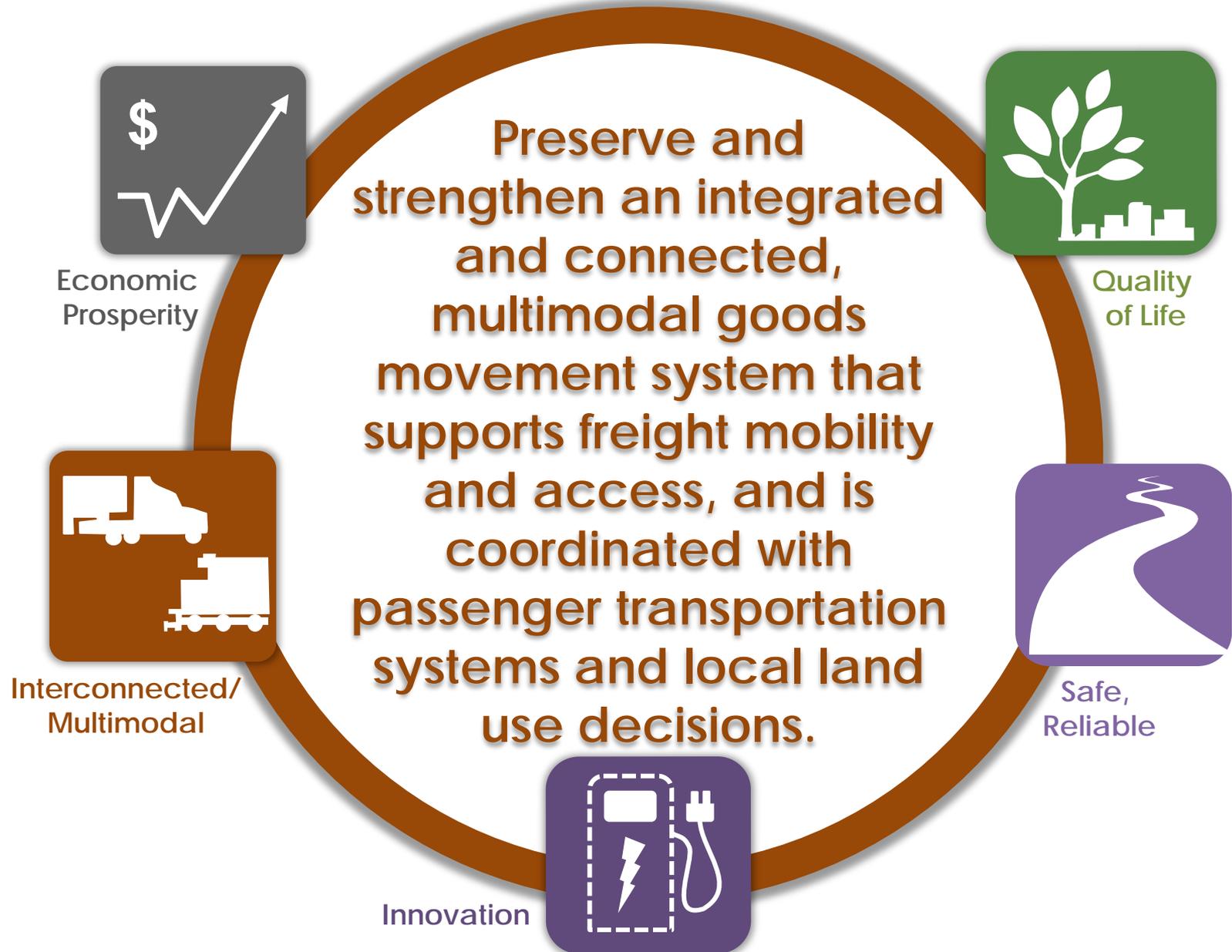
Goods Movement Vision and Goals



Goods Movement Vision and Goals



Goods Movement Vision and Goals



Next Steps

- Complete Baseline Assessment
- Kickoff Roundtable – July 23rd
- Finalize Vision and Goals
- Finalize Strategy Identification and Evaluation Methodology
- Conduct Detailed Needs Assessment