

Plan BayArea

Alternative Scenarios Brainstorming

Regional Advisory Working Group

April 5, 2011

Purpose of Alternative Scenarios

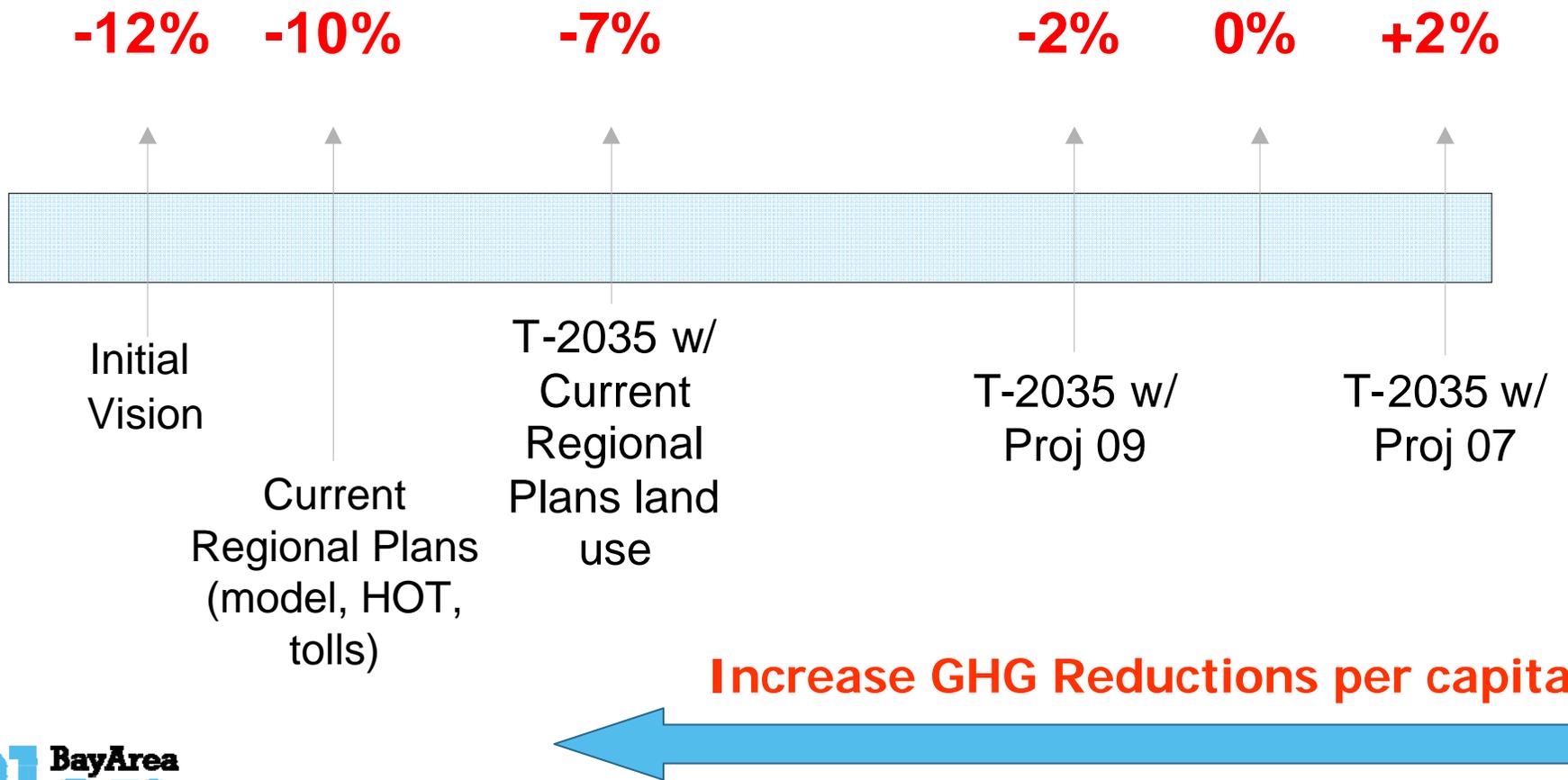
- **Show what the future might look like given combinations of different land use and transportation policies, actions, or strategies**
- **Define alternative scenarios that demonstrate how the region can achieve the 15% reduction in per capita greenhouse gas emissions by 2035 as established by CARB**
- **Use scenarios to compare and contrast interactions between multiple factors such as land use, transportation investments, and supportive policies**
- **Identify a preferred scenario amongst alternative scenarios tested, or create a hybrid scenario that best meets the region's goals and vision and complies with the federal Clean Air Act**

Ground Rules

- **Up to three new alternative scenarios will be developed**
- **Each scenario must be designed to achieve a 15% per capita greenhouse gas emission reduction**
- **Strive for financial constraint and achievability**
- **Each scenario will differ from the others in terms of land use development pattern, transportation network, and supportive policies**
- **All scenarios will include “committed projects” per MTC policy**
- **MTC’s Transit Sustainability Project to help define transit service alternatives for each scenario**

GHG Emission Reduction Estimates

(% per capita - 2005 vs. 2035)



Land Use Ideas

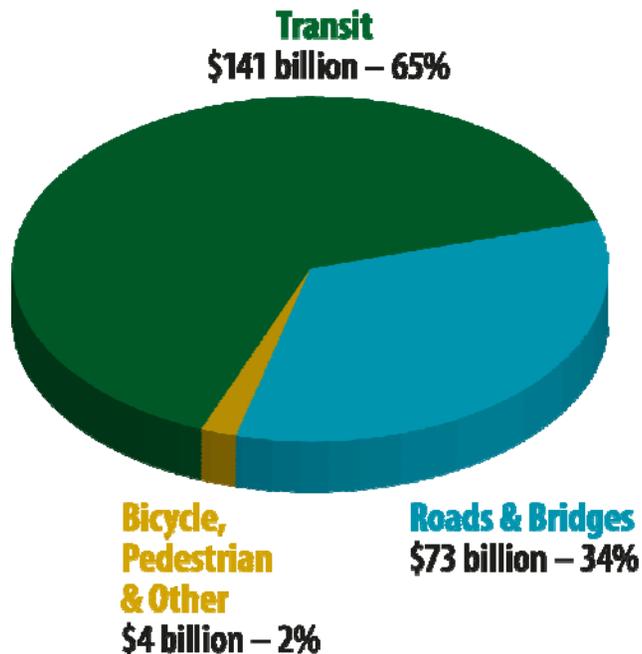
- **More Urban Jobs-Housing Fit**
 - Shift jobs and housing growth among Priority Development Areas and growth opportunity areas (via changes to Initial Vision Scenario)
- **Even More Aggressive Urban Jobs-Housing Fit**
 - Focus even more growth into the urban core
- **More Suburban Jobs-Housing Fit**
 - Shift job growth into suburban areas to improve jobs-housing fit, particularly in Priority Development Areas and other areas with good transit connectivity
- **Your ideas?**

Transportation Ideas

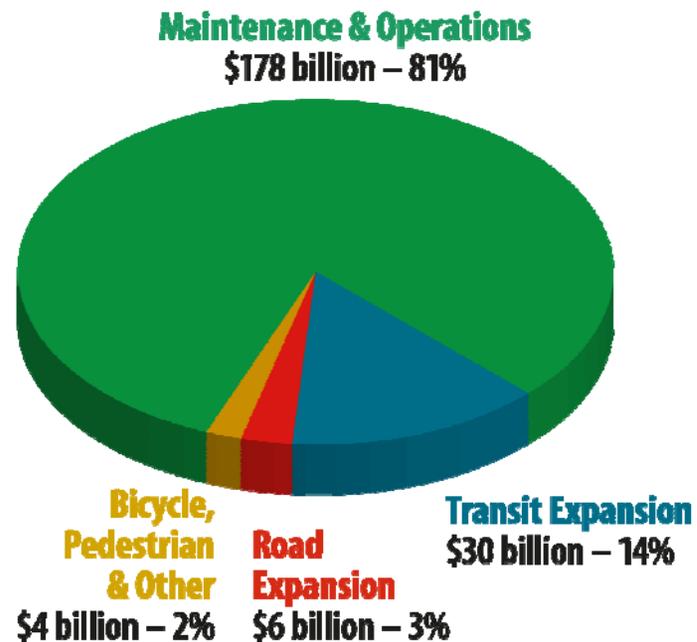
- Shift investment priorities beyond those projects deemed “committed” by MTC policy
- What would you give up to get more of?

Transportation 2035 Plan Expenditures

By Mode



By Function



Transportation Ideas (cont'd)

- **Implement supportive transportation policy strategies**
 - Transportation Demand Management (e.g., telework, commuter benefits, ridesharing services)
 - Eco-Driving (e.g., establish 55 mph speed limit, educate drivers about how to drive to save fuels and reduce emissions)
 - Ramp-up electric vehicle and charging infrastructure (beyond what's assumed by Air Resources Board)
 - Parking Pricing (e.g., charge higher rates during peak hours, charge for employer parking)
 - Other Pricing Strategies (e.g., Regional Express Lane Network, full freeway tolling, vehicle miles traveled (VMT) fees)
- **Your ideas?**

Alternative Scenario Timeline

Develop alternative scenarios through an iterative process	Now – June 2011
Present alternative scenarios for initial review and then approval by MTC and ABAG	June – July 2011
Start scenario analysis	August 2011
Release scenario results	October 2011
Seek public review and comment on scenario results	October 2011
Identify preferred scenario	January 2012
Approval of preferred scenario by MTC and ABAG	February 2012