

# Performance Targets and Indicators for the Sustainable Communities Strategy/ Regional Transportation Plan



MTC Planning Committee and ABAG Administration Committee  
September 10, 2010

# Why Pursue a Performance-Based Approach

- Defines what we must achieve and hope to achieve.
- Informs policy decisions, including:
  - Land use strategies;
  - Transportation policies (e.g., pricing, demand management initiatives, funding);
  - Transportation investments.
- Allows us to monitor progress over time.

# The Old Way: Transportation 2035

“E”  
Principles

**Economy**

**Environment**

**Equity**

Goals &  
Objectives

Maintenance & Safety  
Reliability, Freight Travel

- **Improve maintenance**
- **Reduce collisions/fatalities**
- **Reduce congestion**

Clean Air

Climate Protection

- **Reduce per capita VMT**
- **Reduce CO<sub>2</sub> & particulates emissions**

Equitable Access

Livable Communities

- **Decrease housing + transportation costs for low-income residents**

Scenario  
Assessment

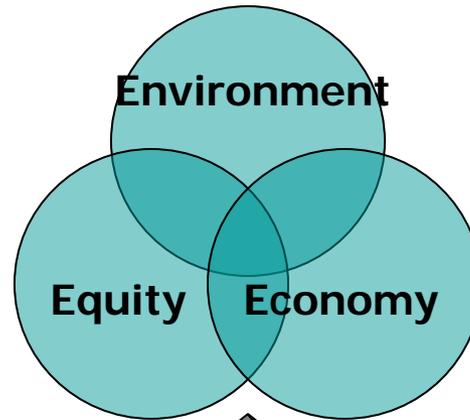
**How can we reach the objectives?**

Evaluate scenarios defined by:

- 1) Transportation investments
- 2) Land use & transportation pricing policies

**Results inform Transportation 2035  
policy decisions**

# SCS/RTP



## Three "E" Principles and Goals

### Targets

- Where we want to be
- What will happen if regional agencies adopt various policies
- Predict with land use & transportation models

#### Examples:

- Reduce fine particulate matter emissions by 10%
- Reduce the share of earnings spent by low-income households on housing and transportation by 10%



### Scenario Assessment

**How close can we get through land use, transportation investments and policies?**

### Indicators

- Where we are
- Track plan implementation
- Identify related areas of interest
- Monitor progress against current data

#### Examples:

- Transportation availability
- Housing affordability and choice
- School access and quality
- Actions by local jurisdictions to implement the SCS



### Monitoring

**How are we actually doing?**

# Target Setting

- **What Goals Do We Want to Attain?**
- **How High Should We Aim?**

## **Economy + Environment + Equity**

Greenhouse Gas  
Targets

Regional Housing  
Target

Transportation-Land Use  
Performance Targets

# SB 375 Greenhouse Gas and Housing Targets (Statutory)

<b>Climate Protection</b>	Reduce carbon dioxide emissions per capita by 15% by 2035
<b>Adequate Housing</b>	House all the region's projected 25-year growth by demand segments based on income

# Transportation and Land Use Targets (Voluntary)

- Build on Transportation 2035, Projections 2009 and other plans and policy.
- Refine, substitute or add goals & targets and keep total number relatively small.
- Candidate targets should:
  - Be things that can be forecast for the future with regional land use and travel models;
  - Identify areas where regional agencies have substantial influence; and
  - Be easy to understand.

# Transportation and Land Use Targets Under Review

## Clean Air

Reduce fine particulate matter emissions

- Overall\*
- In communities of concern near to hot spots

## Land Preservation

- Preserve essential habitat, agricultural, recreational and water resource lands

## Healthy and Safe Communities

- Reduce motor vehicle collisions\*
- Increase active transportation
- Reduce driving
  - Reduce vehicle miles traveled\*
  - Increase non-auto mode share
  - Reduce transit to auto travel time ratio

# Transportation and Land Use Targets Under Review

## Economic Health

- Improve affordability of transportation and housing
  - For low-income households\*
  - For all households
- Reduce public costs
  - To operate & maintain the transportation system
  - To serve new development
- Increase system productivity or efficiency

## Equitable Access

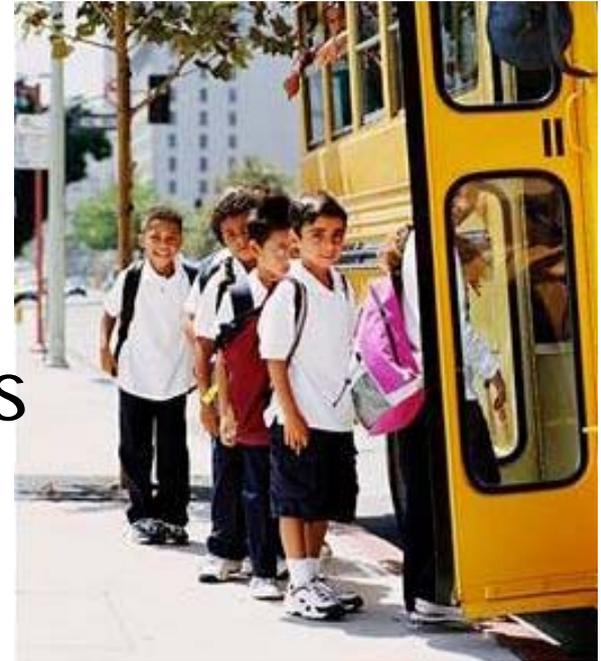
- By mode and/or income
- Reduce travel time to retail and services
  - Decrease average trip distance
  - Decrease commute time to job centers
  - Increase jobs within X minutes and \$Y

# Indicators

- Track Plan Implementation and Frame Complete Communities in the SCS
- Identify Factors affecting Regional Land Use and Transportation
- Monitor SCS Progress Against Current Data

# Examples

1. Transportation availability
2. Housing affordability, choices
3. Jobs access, wages
4. School access, quality
5. Parks, protected land
6. Public Safety
7. Public Health
8. Water Supply



# Current Work and Sources

- Priority Development Area Assessment
- MTC Snapshot Analysis
- California Regional Progress Report
- Suggestions

# Timeline

August – October 2010	<b>Develop recommended targets</b> <ul style="list-style-type: none"> <li>• Ad hoc committee, RAWG, MTC Policy Council &amp; ABAG Regional Planning Committee</li> <li>• Air Resource Board adopts greenhouse gas targets (Sept.)</li> </ul>
November 2010	<b>Regional agencies adopt targets</b> <ul style="list-style-type: none"> <li>• 25-year Housing Target (ABAG)</li> <li>• Land Use &amp; Transportation Targets (MTC &amp; ABAG)</li> </ul>
November 2010 – January 2011	<b>Define Vision scenarios and begin analysis</b>
August 2010 – March 2011	<b>Develop recommended indicators</b>
April 2011	<b>Regional Agencies adopt indicators</b>