

BayArea Plan

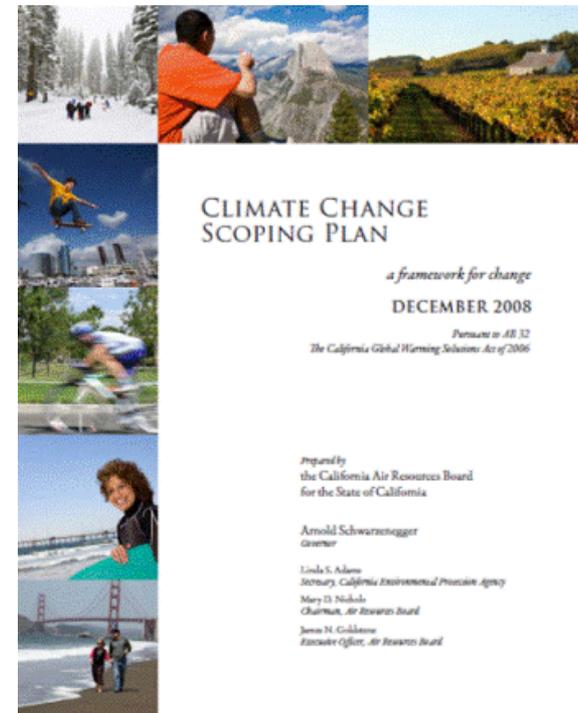
**Developing a Sustainable Community Strategy
for the Bay Area**

**Steve Heminger, MTC Executive Director
September 14, 2011**

AB 32 Global Warming Solutions Act of 2006

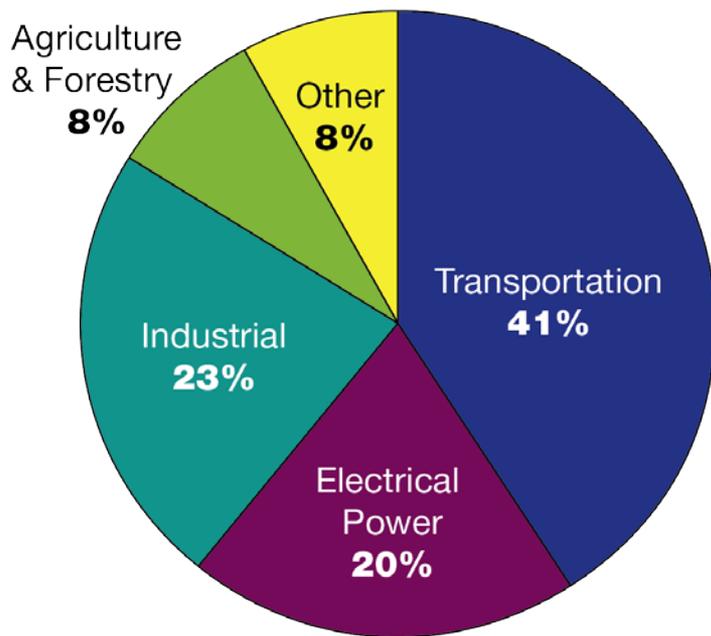


- **AB 32 establishes the first comprehensive program of regulatory and market mechanisms in the nation to achieve greenhouse gas (GHG) emissions reductions**
- **AB 32 sets GHG emissions limit for 2020 at 1990 level**
 - Acknowledges that 2020 is not the endpoint
 - Points way towards 80% reduction by 2050
- **Air Resources Board (ARB) adopted a Scoping Plan to achieve AB 32's GHG emissions reduction target**



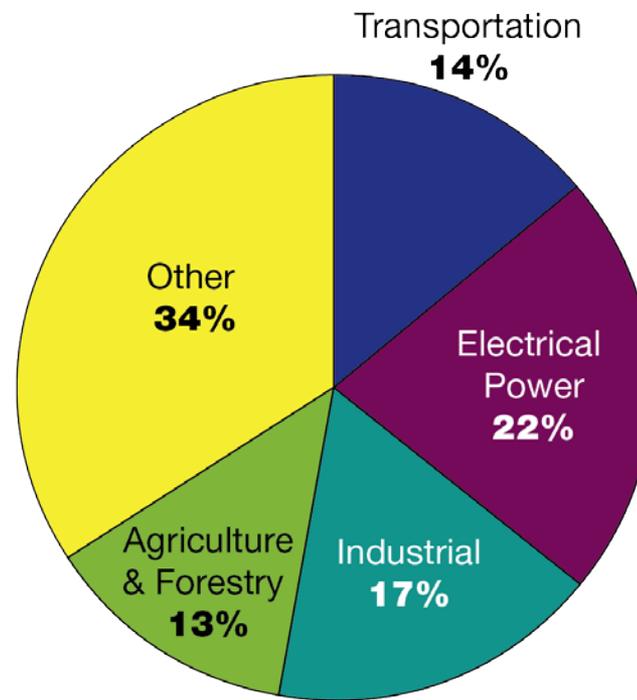
Greenhouse Gas Emissions By Source

California Greenhouse Gas Emissions By Source



Source: California Climate Action Team

World Greenhouse Gas Emissions By Source



Source: U.S. Energy Information Administration

California's Three Pronged Approach to Reducing Transportation Greenhouse Gases

(AB 32 Scoping Plan estimates for GHG reductions in 2020)

- **Cleaner vehicles (Pavley, AB 32) - 38 million metric tons**
- **Cleaner fuels (Low-Carbon Fuel Standard) - 15 million metric tons**
- **More sustainable communities (SB 375) - 5 million metric tons**



ARB Adopted GHG Targets — September 2010

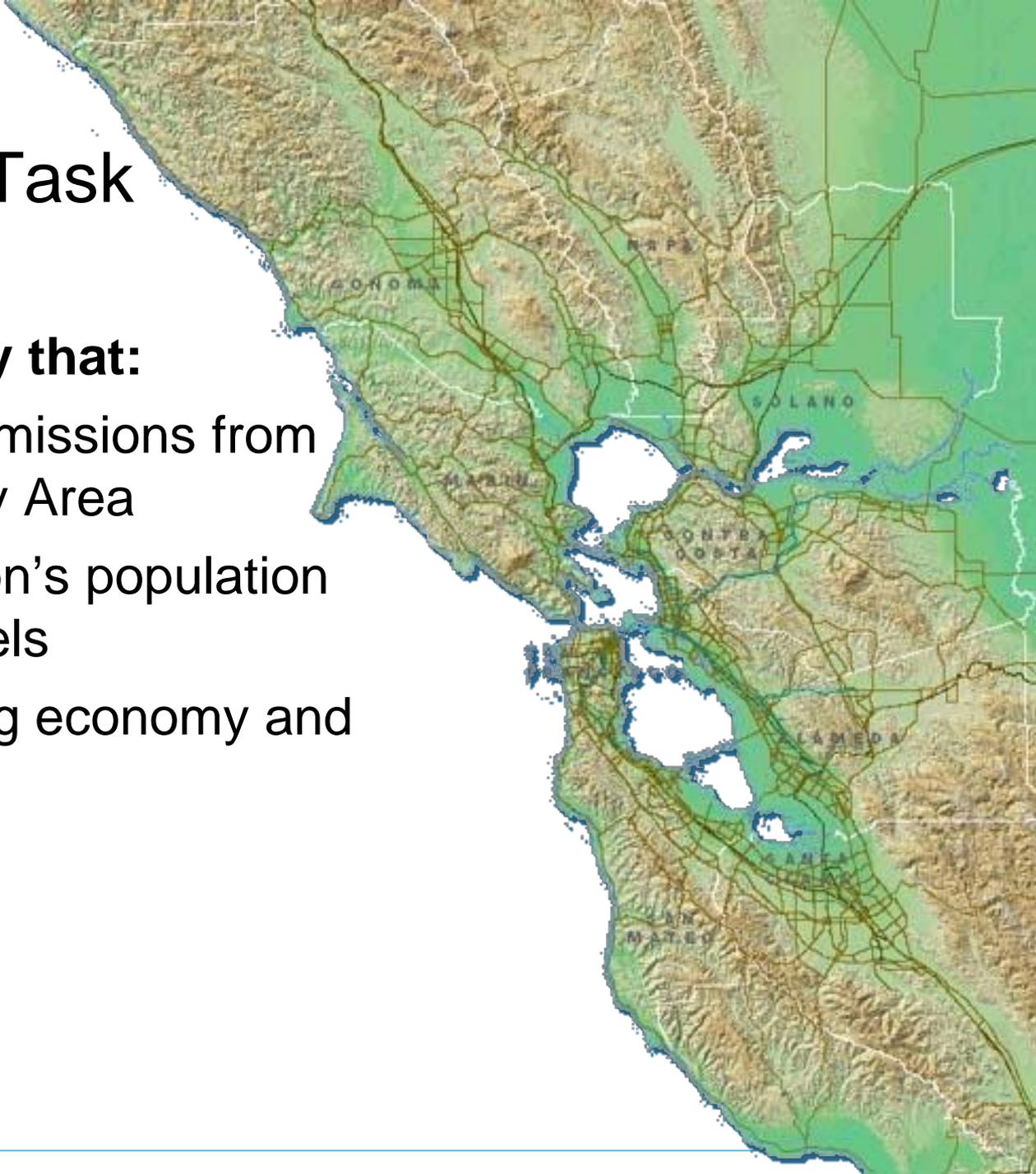
Percent Reduction in Per Capita Emissions from 2005 to Target Year		
	2020	2035
Bay Area	7%	15%
Sacramento	7%	16%
San Diego	7%	13%
Los Angeles	8%	13%
Central Valley	5%	10%

SB 375

The Regional Task

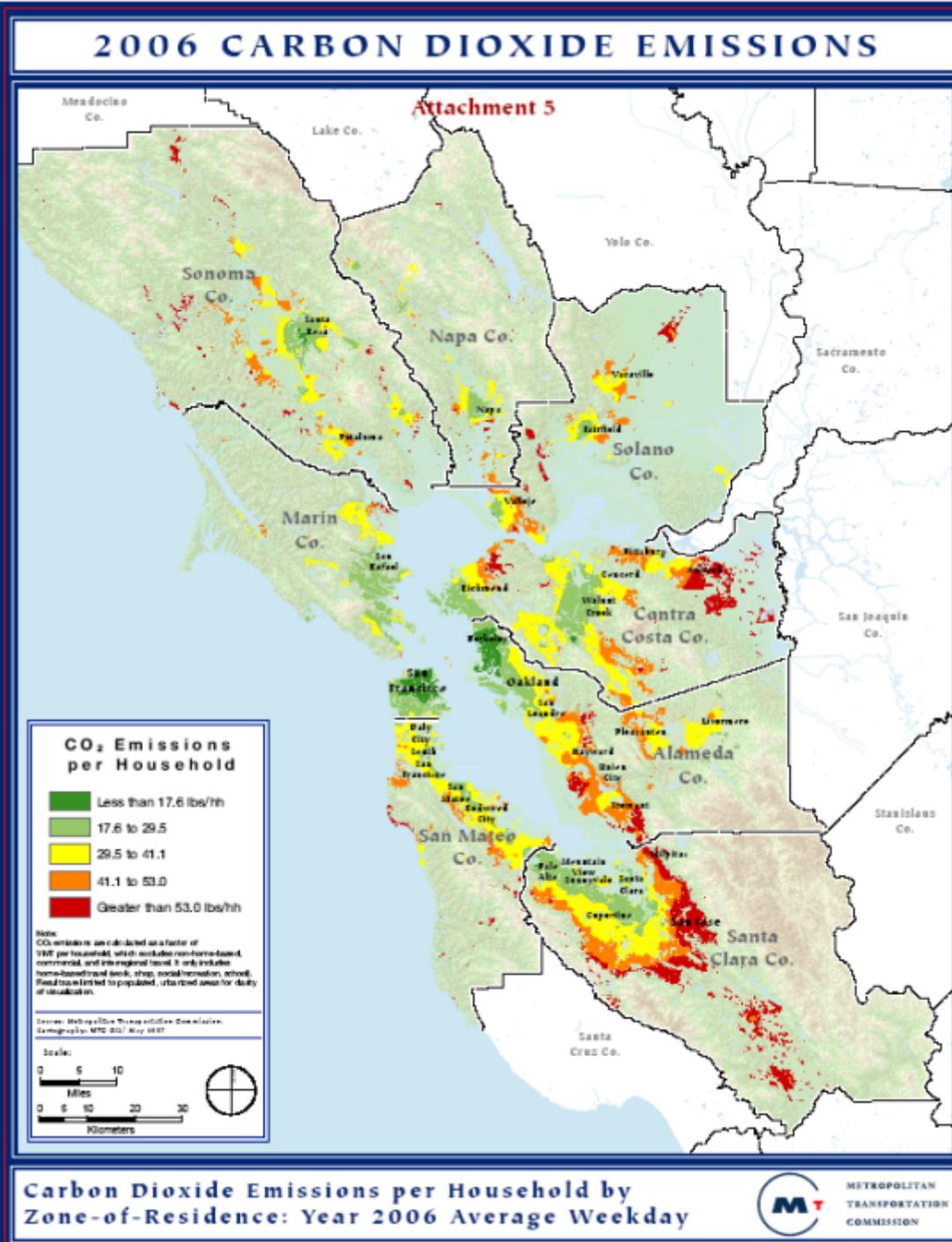
Develop a strategy that:

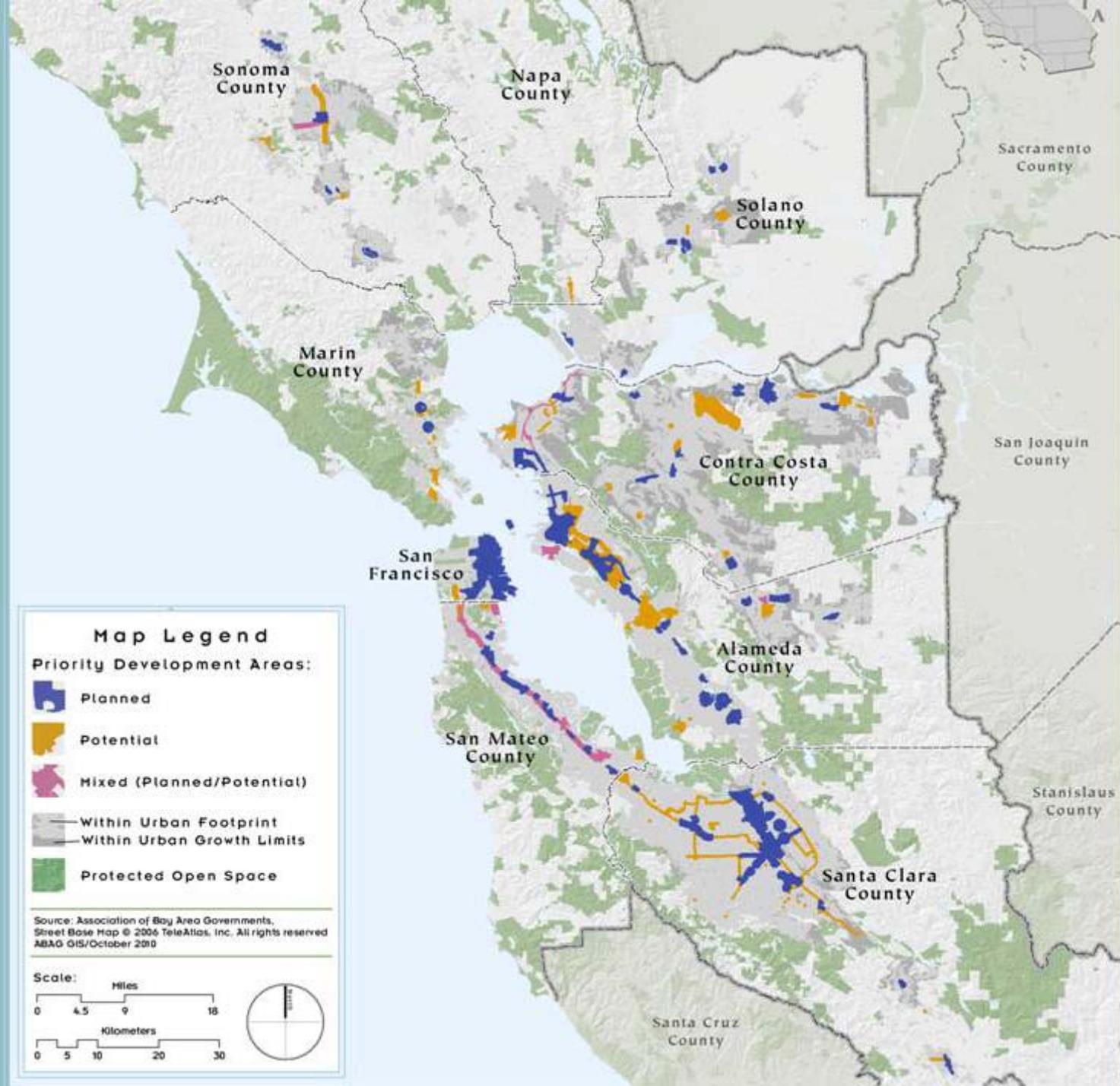
- Reduces GHG emissions from driving in the Bay Area
- Houses the region's population at all income levels
- Supports a strong economy and quality of life



Location Matters

- **Growing Cooler:** Compared to sprawl, compact development results in a 20 to 40 percent reduction in VMT and hence in CO₂



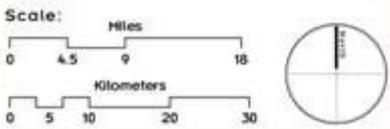


Map Legend

Priority Development Areas:

-  Planned
-  Potential
-  Mixed (Planned/Potential)
-  Within Urban Footprint
-  Within Urban Growth Limits
-  Protected Open Space

Source: Association of Bay Area Governments, Street Base Map © 2004 TeleAtlas, Inc. All rights reserved. MBAG GIS/October 2000



Price Matters Too

- **Core Pricing:**
Driving is more expensive in the urban core with higher parking costs and bridge tolls

WELCOME TO THE UNION LAGUNA GARAGE

DAILY PARKING RATES		HOURS OF OPERATION	
Each 20 Minutes	2.50	Mon.-Thur.	8:00AM-12:00PM
OR FRACTION THEREOF		Fri.-Sat.	8:00AM-2:00PM
Maximum	18.00	Sunday	9:00AM-11:00AM
UP TO 12 HOURS			
Maximum	\$22.00		
UP TO 24 HOURS			

LOST TICKET MUST PAY 24 HOUR MAXIMUM DAILY RATE
RATES INCLUDE 25% PARKING TAX
NO IN & OUT PRIVILEGE

MONTHLY PARKING \$360

HEARST PARKING CENTER

RATES

\$2.50 for each 20 minutes
the max is 20.00 per 24 hrs.
\$19.00 up to 8 hours
Hours open
5am to midnight Mon-Fri
6am-midnight Saturday
10AM - 10PM SUNDAY

Monthly Parking available
see office street level

WELCOME TO FISHERMAN'S WHARF
PUBLIC PARKING FOR FISHERMAN'S WHARF
AND ANCHORAGE SHOPPING CENTER

OPEN 24 HOURS A DAY
VALIDATION WITH MINIMUM PURCHASE
ACQUIRED FROM ANCHORAGE SHOPS
VALIDATION DOES NOT APPLY TO MAX. RATE

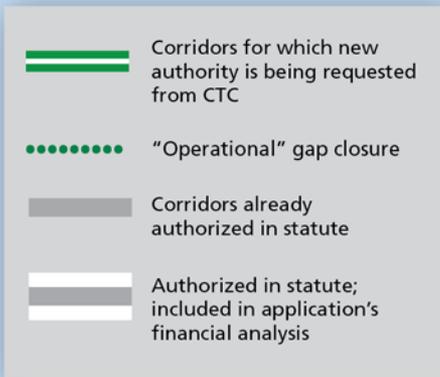
\$2.00
EVERY 20 MINUTES
OR FRACTION THEREOF

MAXIMUM RATE \$32.00
(UP TO \$40.00)
REGULAR RATES WILL APPLY THEREAFTER

\$2.00
VALIDATION RATE
1ST HOUR ONLY

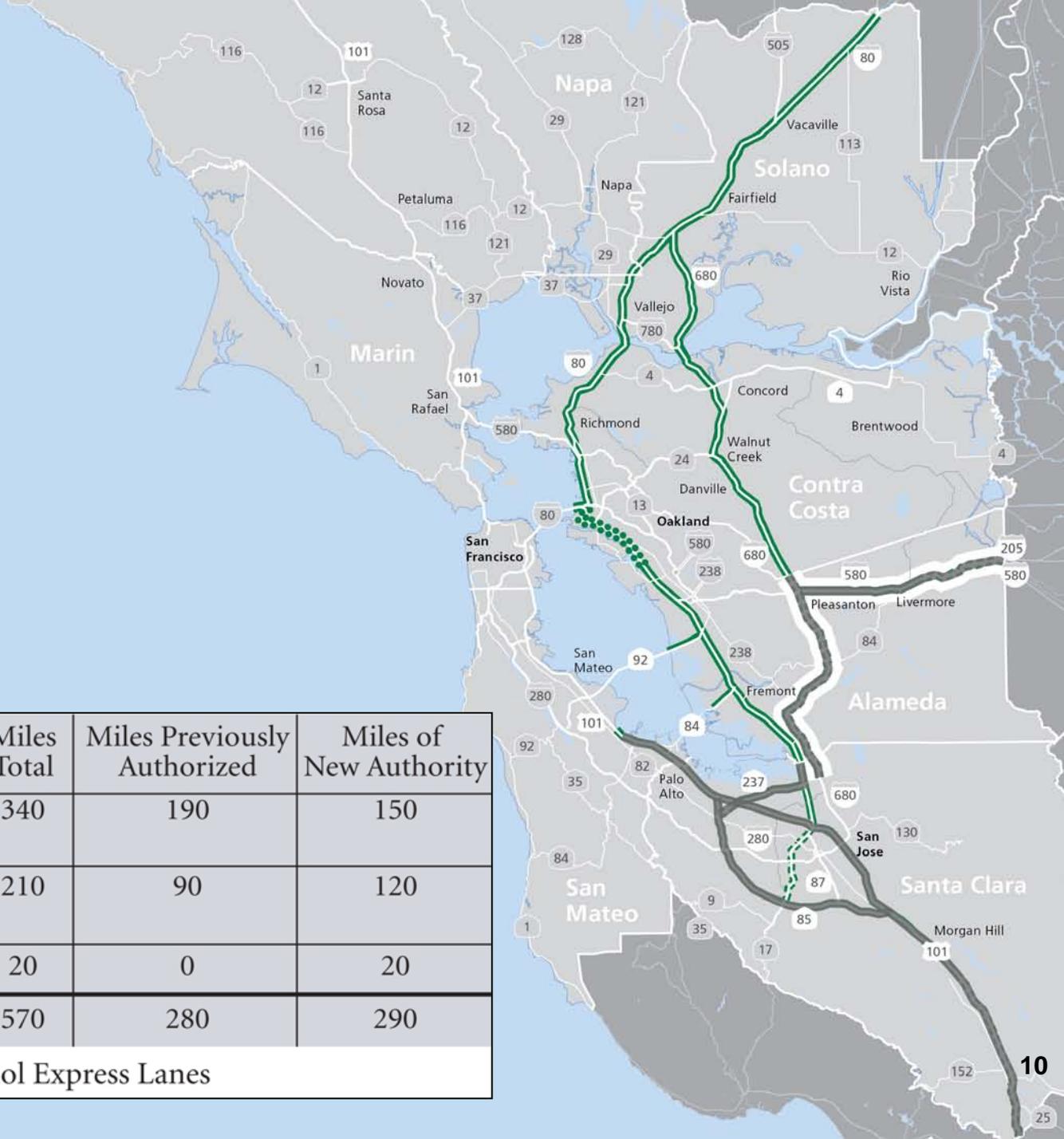
LOST TICKET MUST PAY MAXIMUM

CTC Application Express Lane Network



	Miles Total	Miles Previously Authorized	Miles of New Authority
Convert existing HOV lanes to Express Lanes*	340	190	150
Widen existing freeways to create Express Lanes	210	90	120
Operational gap closure	20	0	20
Total	570	280	290

*includes the existing I-680 Sunol Express Lanes



Adapting to a Rising Bay

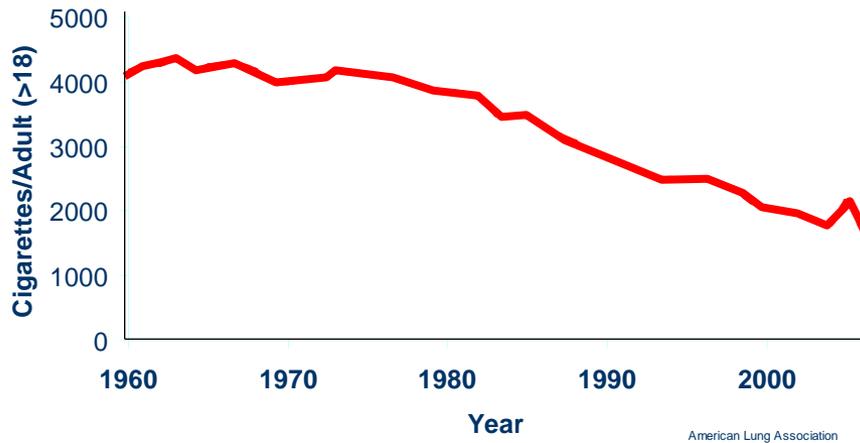
- Bay Area Cost of Required Defenses to Guard Against Flooding from 1.4 meter sea-level rise: \$5.3 billion
- Replacement Value of Bay Area Buildings and Contents at Risk of 100-year Flood due to 1.4 meter sea-level rise: \$62 billion (50% residential cost)



Changes In Attitude and Behavior Are Essential

- Breakthroughs are possible!

Annual U.S. Cigarette Consumption



California's Recycling Rate

