

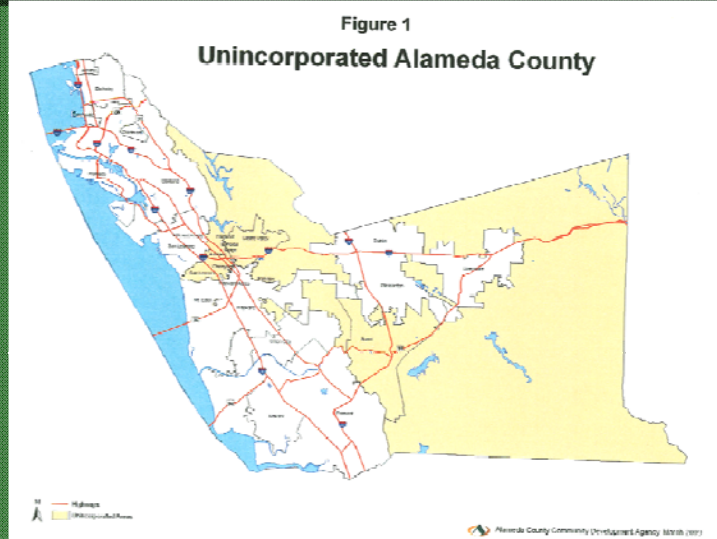
Alameda County (Unincorporated areas) Community Climate Action Plan

Public Workshops
September 15 & 16, 2009

Agenda – Getting your ideas

- 6:00 – 6:25 Plenary introductory presentation
- 6:25 – 6:40 General Q&A Session
- 6:40 – 7:00 Breakout Session 1
- 7:05 – 7:25 Breakout Session 2
- 7:30 – 7:50 Breakout Session 3
- 7:50 – 8:00 Closing/Individual Q&A Session

What is unincorporated?



Public Input

CAP Preparation Schedule

- CAP Preparation Begins – June 2009
- Public Outreach and Survey – August - November 2009
- Public Workshops – September & December 2009
- Analysis and Selection of Draft CAP Measures – Sept-Nov 2009
- Release of Draft CAP – est. Dec 2009
- Public Review Period – est. Dec 2009 and beyond
- Draft CAP Public Hearings – early 2010
- Adoption of CAP by County Supervisors – March 2010

Public Input

CAP Public Input Opportunities

- CAP Preparation Begins – June 2009
- **Public Outreach and Survey – August - November 2009**
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- Analysis and Selection of Draft CAP Measures – Sept-Nov 2009
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Public Input

County Municipal CAP

- Being prepared separately by GSA
- Working in collaboration with Community CAP
- Preliminary list of measures identified
- Overarching principles and commitments plus measures
- Initial plan being reviewed 30th September
- Formal review and adoption early 2010

Public Input

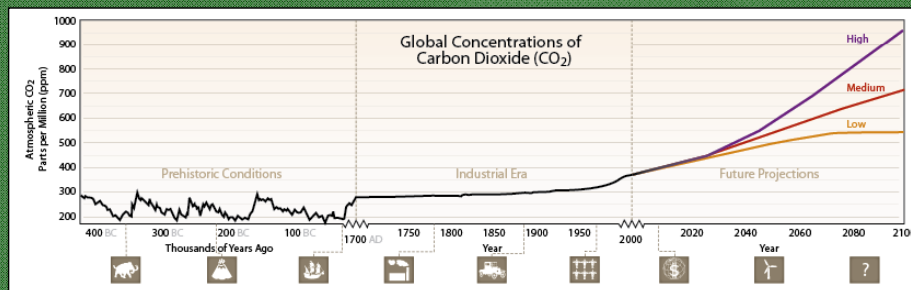
Alameda CAP Presentation

- Climate Change
- The California Context
- Climate Action in Alameda County
- Climate Action Strategies
 - Transportation & Land Use Strategy
 - Buildings & Energy Use Strategy
 - Waste & Water Strategy
 - Green Infrastructure
- Question & Answers
- Small Group Discussions



Overview

Climate Change Increasing Greenhouse Gases

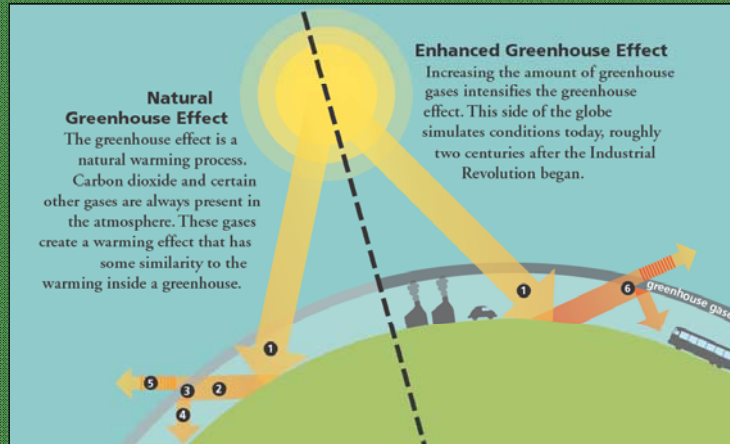


Atmospheric greenhouse gas concentrations are higher than they have been in the last 400,000 + years

Climate Change

Climate Change

The Enhanced Greenhouse Gas Effect



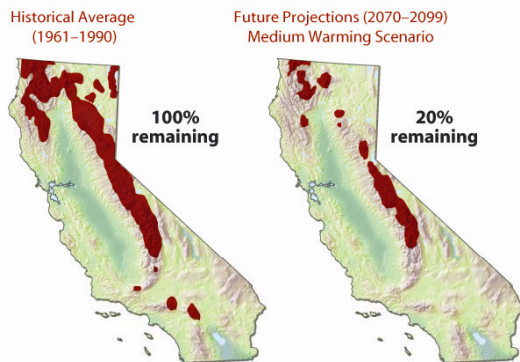
Source: ICLEI, 2004

Climate Change

Climate Change

Local Effects

Decreasing California Spring Snowpack



Sea Level Rise in SF Bay Area



Areas Likely to be Inundated by 36-Inch Sea Level Rise

Climate Change

The California Context

Key State Legislation

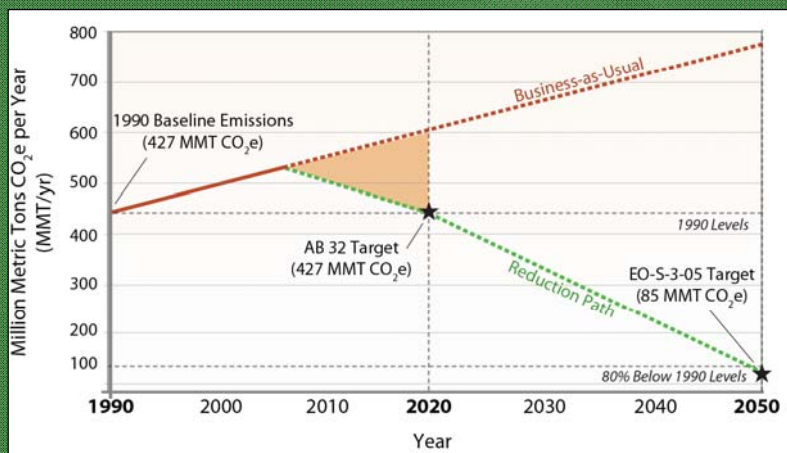
State of California Global Warming Legislation:

- ▶ California Global Warming Solutions Act - Assembly Bill 32 (AB 32)
Reduce Greenhouse Gas Emissions to 1990 Levels by 2020
- ▶ Executive Order S-3-05 (EO - S-3-05)
Reduce to 80% below 1990 Levels by 2050
- ▶ Senate Bill 375 (2008)
Require regional land use, transportation, and housing plans to comply with regional GHG reduction targets

California Context

The Context

State-Wide Emissions, Projection, and Targets



California Context

The California Context

Other State-Wide Legislation and Initiatives

- Senate Bill 107 - Renewable Portfolio Standard
- Assembly Bill 1493 - California's automobile emissions standards
- Low Carbon Fuel Standard
- Million Solar Roofs Initiative

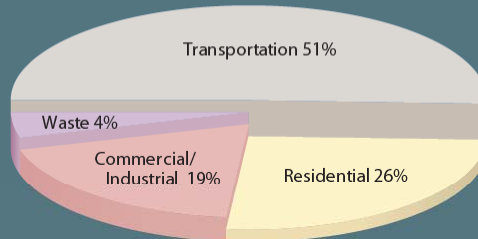
California Context

Climate Action in Alameda County



Alameda Unincorporated County GHG Emissions Inventory

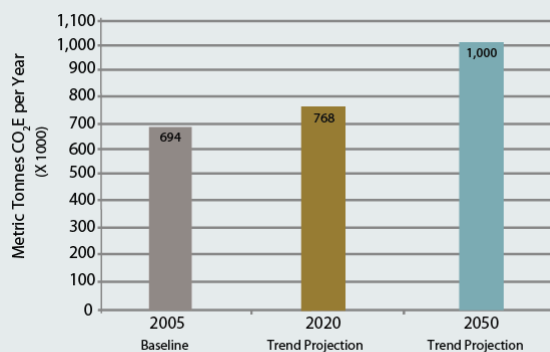
Alameda County Greenhouse Gas Emissions
by Sector in 2005



Alameda County

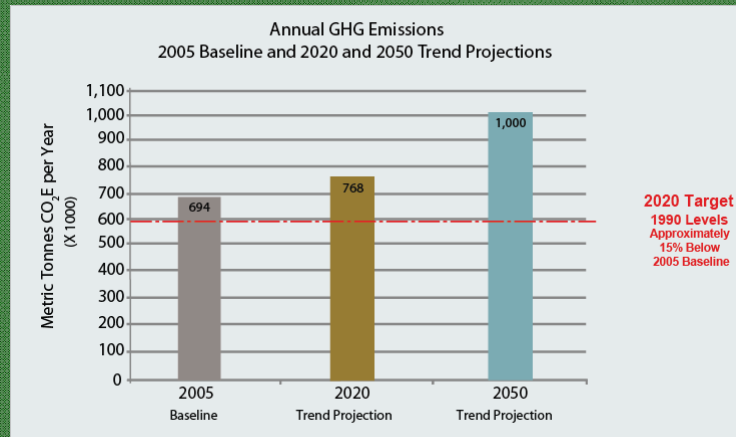
Climate Action in Alameda County Greenhouse Gas Emissions 2005 to 2020

Annual GHG Emissions
2005 Baseline and 2020 and 2050 Trend Projections



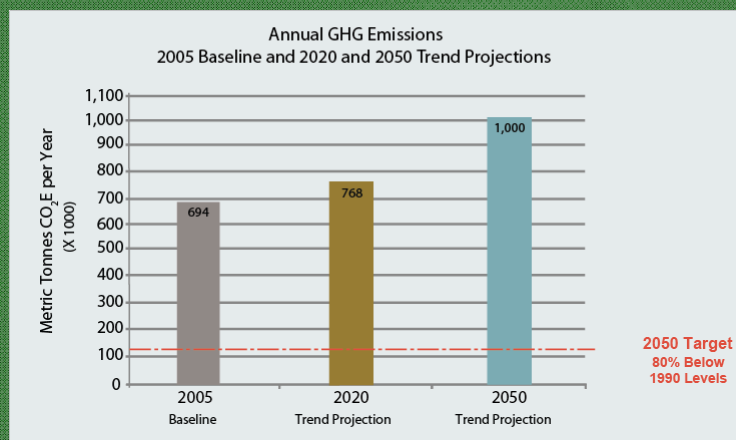
Alameda County

Climate Action in Alameda County Greenhouse Gas Emissions 2005 to 2020



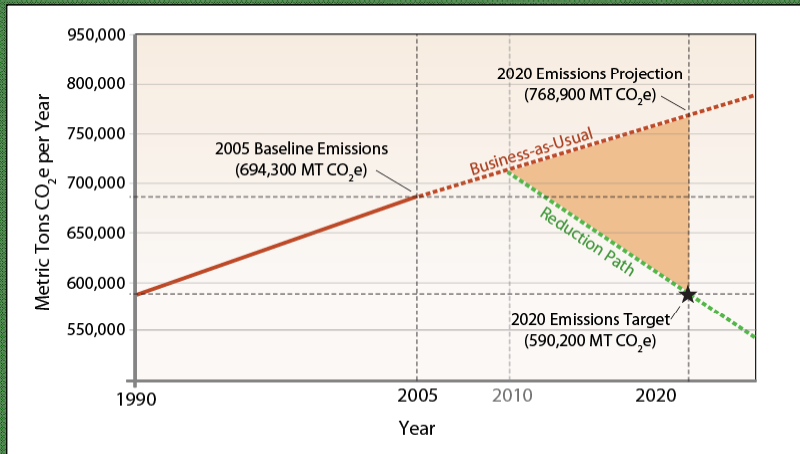
Alameda County

Climate Action in Alameda County Greenhouse Gas Emissions 2005 to 2020



Alameda County

Climate Action in Alameda County Greenhouse Gas Emissions 2005 to 2020



Alameda County

Climate Action Strategies

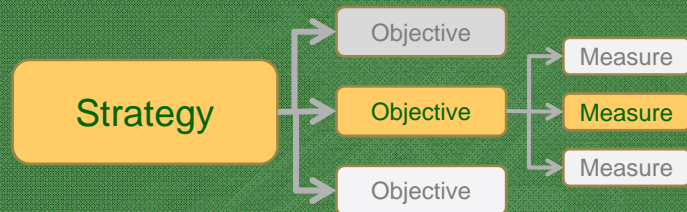


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Alameda Community Climate Action Plan

Strategies

Climate Action Strategies



Vision

Detail

Strategies

Climate Action Strategies



Transportation and Land Use

Strategies

Climate Action Strategies



Transportation and Land Use

Buildings and Energy

Strategies

Climate Action Strategies



Transportation and Land Use

Buildings and Energy

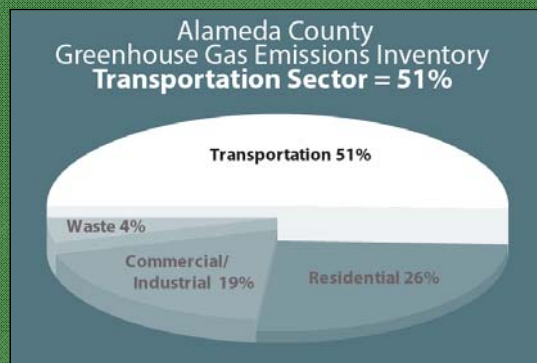
Waste, Water, and Green Infrastructure

Strategies

Climate Action Strategies



Transportation and Land Use



Strategies

Climate Action Strategies



Transportation and Land Use

Objectives:

- Improve Walking and Biking Conditions
- Make Public Transit More User Friendly
- Promote Pedestrian- and Transit-oriented development
- Reduce Vehicle Emissions and Trips
- Discourage Vehicle Use

Strategies

Climate Action Strategies



Transportation and Land Use

Objectives:

- Improve Walking and Biking Conditions

Example Measure:

- Add bicycle racks and other parking facilities in underserved civic and commercial areas.

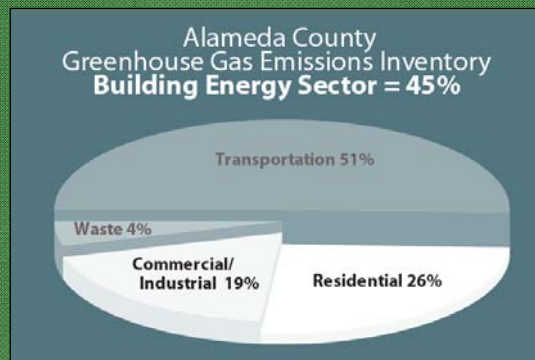


Strategies

Climate Action Strategies



Buildings and Energy



Strategies

Climate Action Strategies



Buildings and Energy

Objectives:

- Retrofit Existing Residential Buildings
- Retrofit Existing Commercial Buildings
- Energy Performance in New Construction
- Maximize Use of Renewable Energy
- Community Energy Management

Strategies

Climate Action Strategies



Buildings and Energy

Objectives:

- Retrofit Existing Residential Buildings

Example Measure:

- Expand home weatherization programs for low-income households.

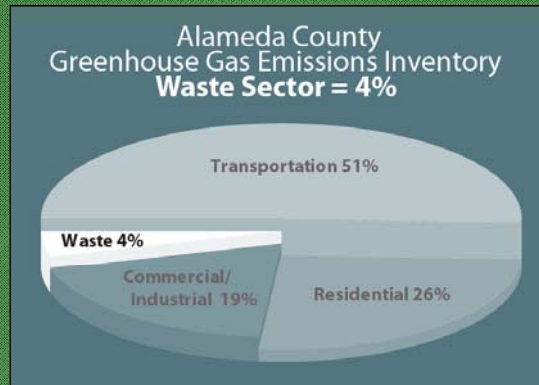


Strategies

Climate Action Strategies



Waste, Water, and Green Infrastructure



Strategies

Climate Action Strategies



Waste, Water, and Green Infrastructure

Objectives:

- Zero Waste
- Conserve Water Resources
- Enhance Green Infrastructure

Strategies

Climate Action Strategies



Waste, Water, and Green Infrastructure

Objectives:

- Zero Waste

Example Measure:

- Establish 90% waste reduction target for 2030.



Strategies

Climate Action Measure Selection Process

Potential Measure

Measure Selection

Climate Action Measure Selection Process

Potential Measure

GHG Reduction
Capacity

Cost

Local Context

Measure Selection

Climate Action Measure Selection Process

Potential Measure

GHG Reduction
Capacity

Cost

Local Context

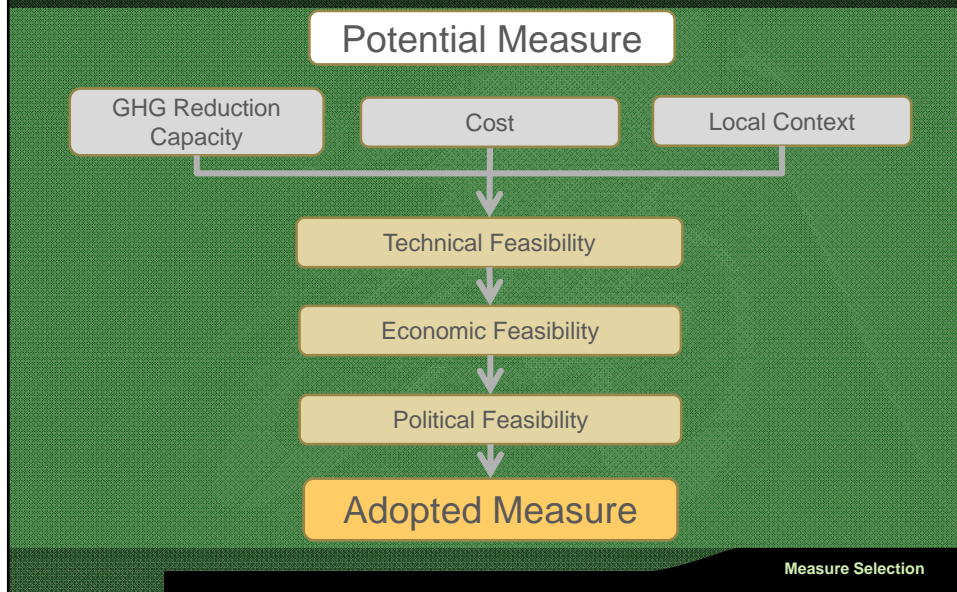
Technical Feasibility

Economic Feasibility

Political Feasibility

Measure Selection

Climate Action Measure Selection Process



More Information:

- County Climate Action Website:
http://www.acgov.org/cda/planning/climate_action_plan.htm
- Join our Mailing List:
alamedacountyclimateaction@yahoo.com
- Contact us at:
Howard Lee
Alameda County Planning Department
224 West Winton Avenue
Room 111 Hayward, CA 94544

Tel: (510)670-5400
Fax: (510)785-8793

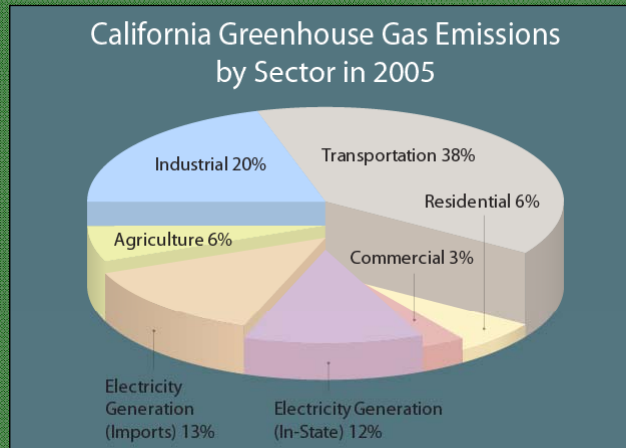
Public Input

Questions and Discussion



The California Context

State-Wide GHG Emissions Inventory



Source: CEC, 2008

California Context