

**Board of Supervisors
Public Hearing – December 21, 2010**

**Alameda County
(Unincorporated areas)
Community Climate Action Plan**

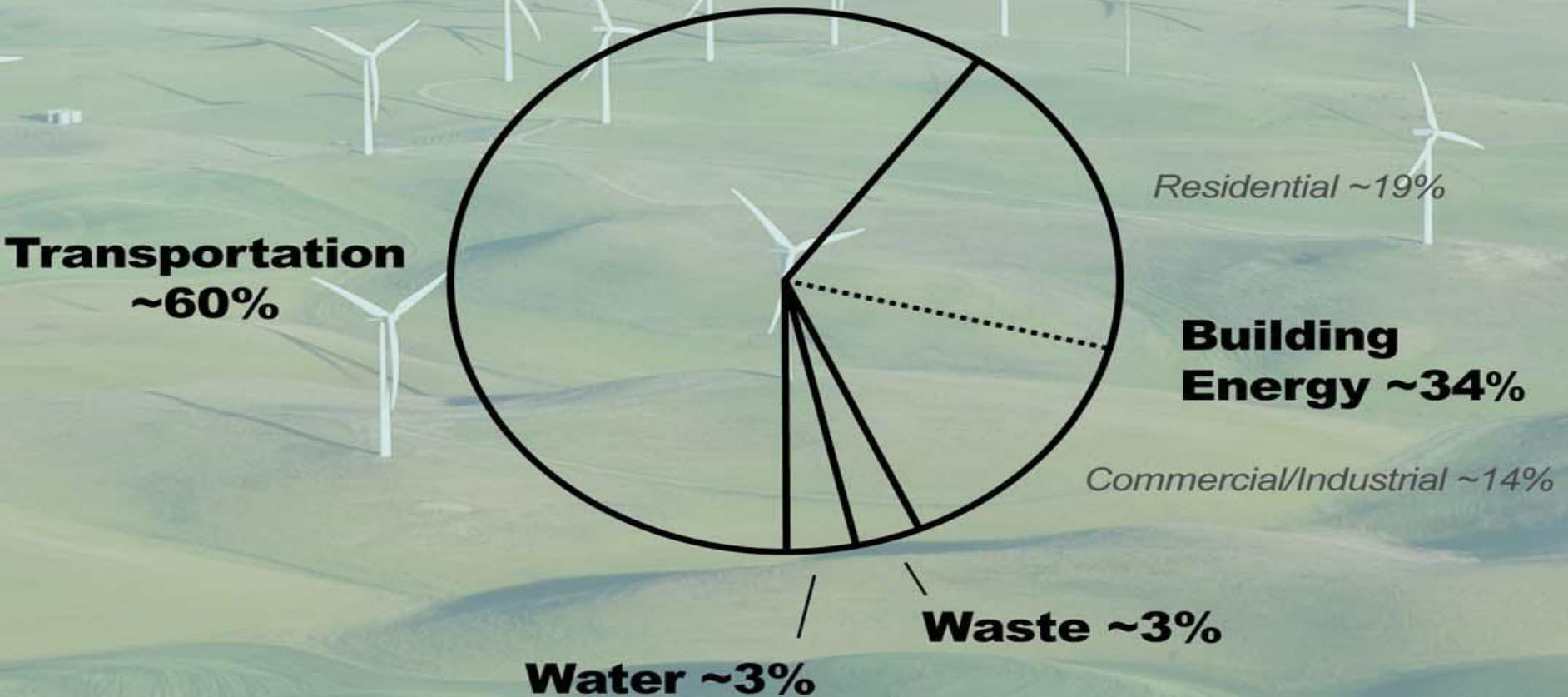
**Draft: September 21, 2010 +
Planning Commission Recommended Revisions**

What is The Community Climate Action Plan?

- A **General Plan style document** that sets policy for reducing greenhouse gas emissions (GHG) to 1990 levels by 2020, a 15% reduction compared to 2005.
- A **GHG reduction strategy** that uses a wide range of possible policy tools to achieve this goal.
- By definition, **the CCAP includes policies that must be quantifiable**, and where codified in law, must be able to be monitored for effectiveness.

2005 COMMUNITY-WIDE
GREENHOUSE GAS EMISSIONS INVENTORY

930,000 METRIC TONS CO₂e



Alameda Unincorporated County GHG Emissions Inventory: 2005 Baseline

Community Sector	Metric Tons CO ₂ e	Percent of Total
Residential Energy Use	179,864	19.3%
Commercial Energy Use	132,768	14.3%
Transportation	556,000	59.8%
Waste	30,419	3.3%
Water Consumption	30,947	3.3%
TOTAL	930,000	100%

The Process to Date

- The draft CCAP has been subject to extensive public review by all pertinent advisory bodies
- Every comment received by the numerous public and decisionmaking bodies has been considered and incorporated where possible.
- Compared to the original draft of March 2010, the most recent draft CCAP of September 2010 relies more heavily on statewide plans and programs, and much less on local efforts and programs, to achieve its goal.
- Changes recommended by the Planning Commission now further emphasize this reliance, and have been incorporated in the December final draft and in today's staff recommendation.

The Process to Date

- The original draft CCAP would have achieved the 15% reduction goal **using only programs and ordinances applicable within unincorporated Alameda County.**
- **The availability of the Statewide Initiatives,** now adopted as the measure for almost 66% of the reduction goal, has been of significant help to local efforts and has made our job easier.
- But simultaneously, many of the effective measures originally suggested in the draft **have either been removed or significantly reduced.**

The CCAP and the General Plan

- **Important side benefits of CCAP policies** would be:
 - Communities more livable and comfortable;
 - More pedestrian- and bicycle-friendly;
 - More water and energy efficient;
 - More resilient to price spikes in natural resources (water/gas).
- The County is currently updating the Eden and Castro Valley General Plans; it is now **necessary to include GHG reduction strategies in these Plans.**
- The preparation of **the CCAP is a mitigation measure** for Eden Plan EIR and may be for the Castro Valley Plan as well; the success of the plans at reducing GHG will hinge on the effectiveness of the CCAP.

The Revised CCAP and the Effect of State Initiatives

- Certain measures in the CCAP were able to be removed or made milder partly as a result of the inclusion of the Statewide Initiatives:
 - Bicycle parking, showers and lockers,
 - Parking lot tree planting,
 - RECO/CECO
 - Parking Fees in Commercial Areas
- Some of these measures are included in CCAPs of other neighboring jurisdictions, whose GHG reduction goals are summarized in a Board packet table. These measures are becoming common in CCAPs, and are generally recognized as effective and quantifiable methods of GHG reduction.

Some Calculations that Show the Effect of the State Initiatives

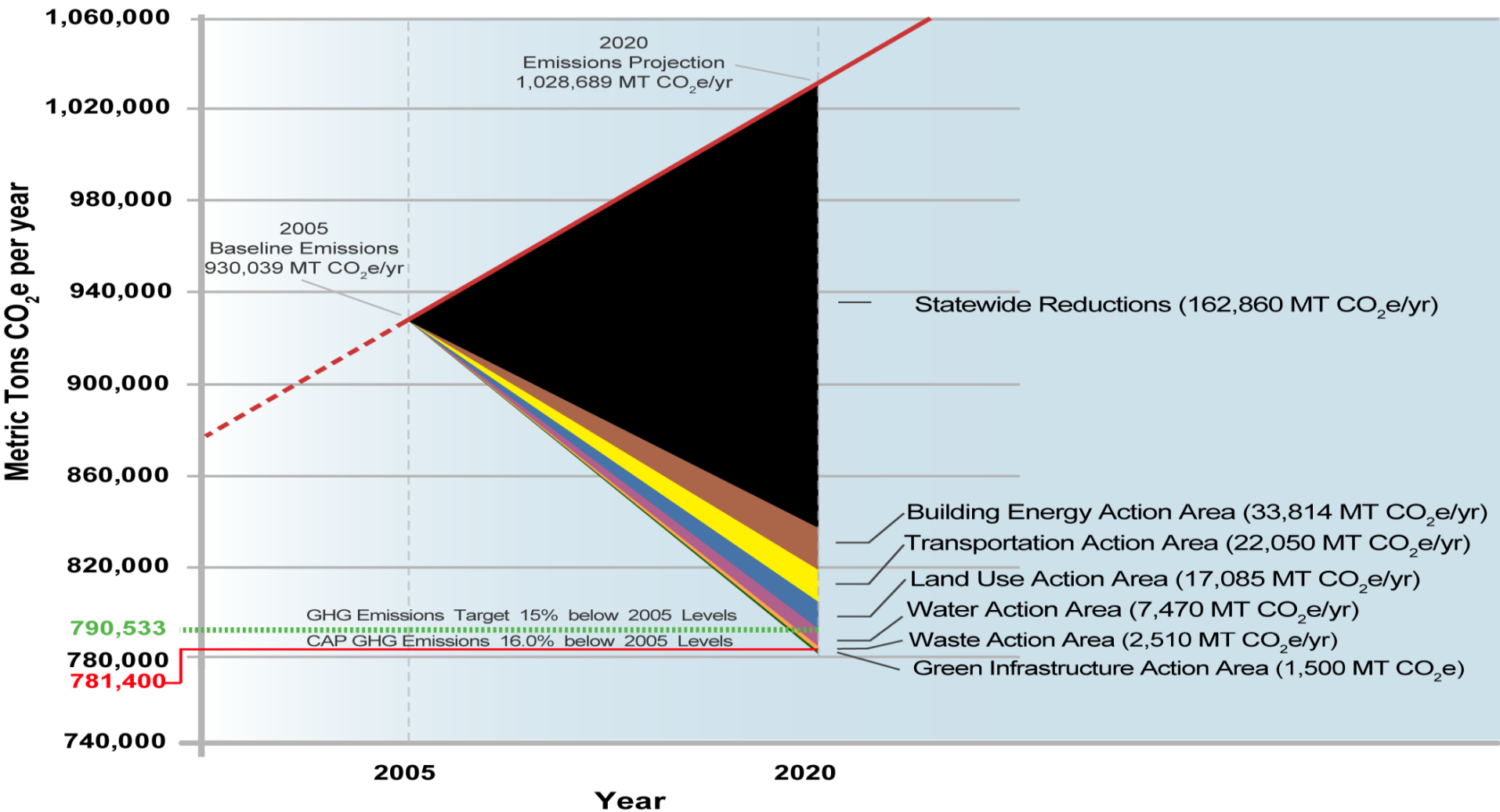
15% required GHG reduction (2005-1990) = 139,500 MT/yr

Total required GHG reduction (2020-1990) = 238,200 MT/yr

<u>CATEGORY</u>	<u>1ST DRAFT CCAP</u>	<u>2ND DRAFT CCAP</u>
Transportation	99,809	22,433
Land Use	20,555	18,058
Building Energy	114,966	37,626
Water Conservation	14,257	7,470
Waste & Recycling	2,495	2,510
Green Infrastructure	330	1,500
AB 1493 (Pavley)	-0-	83,260
LCFS	-0-	44,500
RPS	-0-	35,100
Total GHG Reductions	252,412	252,457
% Reduction (wrt 2005)	15.9%	16.5%

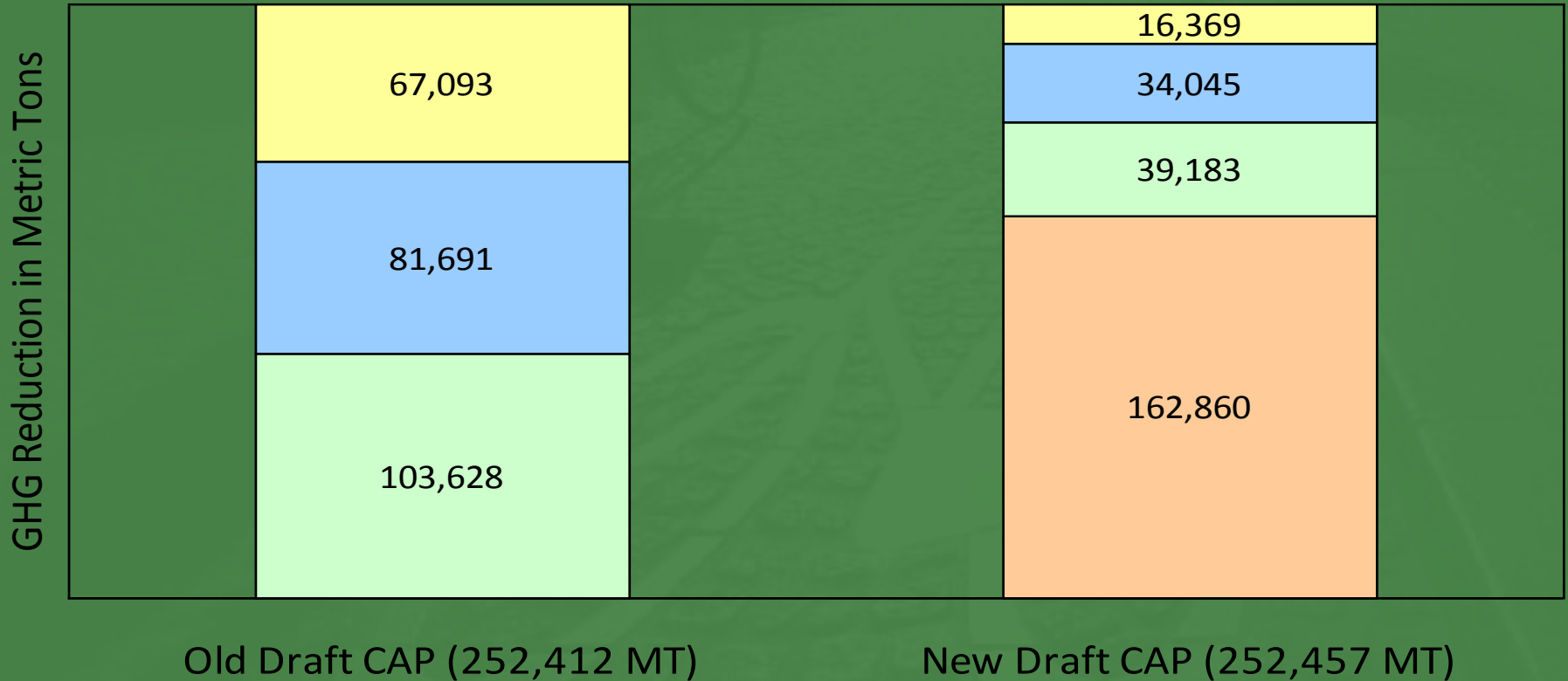
Reduction Potential of Proposed Measures

Reduction Potential of Community Climate Action Plan



Proportional Effect of State Initiatives

Comparison of GHG Reduction by Category



■ State Initiative ■ County Action ■ Voluntary ■ Mandatory

Economic Issues

- Concerns expressed about economic burdens have not articulated the upside of the policies:
 - Improved and more stable neighborhoods,
 - cleaner air,
 - healthier environs,
 - green jobs created.
- County staff believes the CCAP is reasonable in this regard, and that it is unlikely that any of the measures would by themselves delay economic recovery.

Economic and Legal Matters

- While the development cycle is down, it is a good time to institute these measures, which would provide CEQA relief and certainty for the development community. The CCAP would allow the County to continue its commitment to leading in this area.
- Legal considerations are not unimportant. As other jurisdictions have experienced, **the County could face a legal challenge** for not having a GHG reduction strategy that fully conforms to AB32.

REVIEW- Planning Commission

- On April 19, November 1 and November 15, 2010, the Planning Commission heard this matter, and after crafting numerous revisions throughout the document **provided a recommendation to adopt the PC-revised Draft CCAP.**
- **This recommendation is adequate to allow the County to achieve its goal of 15% GHG reduction by 2020, and so can be recommended by Staff.**

More Information:

- County Climate Action Website:

<http://www.acgov.org/cda/planning/landuseprojects/climateaction/index.htm>

- Join our Mailing List:

alamedacountyclimateaction@yahoo.com

- Contact us at:

Bruce Jensen

Alameda County Planning Department

224 West Winton Avenue

Room 111 Hayward, CA 94544

Tel: (510)670-5400

Fax: (510)785-8793

Changes between Old and New CCAP Measures

Changes Between Old and New Draft Climate Action Plans			
Old Measure Number	New Measure Number	Text Revised in New Draft	GHG Reduction Potential Changed - decreased + increased
T-1	same		-
T-3	same	X	
T-4	same	X	-
T-7	same	X	+
T-8	same	X	-
T-13	same	X	-
T-14	Not Recommended		
T-15	T-14		
L-1	same	X	
E-1	same	X	-
E-4	Not Recommended		
E-5	E-4	X	-
E-6	E-5		
E-7	E-6		
E-8	E-7	X	-
E-9	Not Recommended		
E-10	E-8	X	-
E-11	E-9	X	
E-12	E-10	X	
E-13	E-11		
E-14	E-12	X	
E-15	E-13		-
E-16	E-14	X	-
E-17	E-15	X	-
--	E-16 (New)	New	
WT-1	same	X	-
WT-2	same	X	+
WT-3	same	X	
WS-1	same		+
G-1	same		+
G-2	same		+

Summary of Existing and Upcoming CCAP Outreach & Incentives

Existing/expected NPS programs for energy retrofit / upgrades:

CaliforniaFIRST - An AB811 PACE program sponsored by the California State CDA. A mechanism for property owners (residential or commercial) to finance energy efficiency and renewable energy upgrades to their properties. Upon completion, an assessment is placed upon the property and repayments are handled via the owner's property tax bill. Voluntary program, Fall of 2010.

Utility Rebates – \$100 million set aside for rebates to property owner to complete energy efficiency upgrades. Two paths to qualify - a prescriptive path and a performance path. The prescriptive path will be for defined upgrades such as ceiling insulation, air sealing, lighting, etc. Proposed rebate amount = \$1,500 maximum. The performance path would require an energy audit and the work performed must align with the audit. Proposed rebate = \$3,000 maximum. Not all projects would qualify for the maximum; exact details / requirements awaiting final approval from the California PUC. Voluntary program, Fall of 2010.

Summary of Existing and Upcoming CCAP Outreach & Incentives

Existing/expected NPS programs for energy retrofit / upgrades:

Energy Efficiency Conservation Block Grants (EECBG) - Stimulus funds available for energy conservation and market transformation. County will use its funds in unincorporated areas for enhanced customer service in support of CaliforniaFIRST program. County will provide workshops for owners to assist with the application, contracting and construction process for owners who are participating in the program. County may provide rebates for energy audits to qualifying owners who complete work under the program. Voluntary program, Fall of 2010.

Weatherization - Stimulus funds to provide grants to assist low income homeowners with weatherizing their homes. Program includes audit to identify areas that would benefit, including caulking, insulation, appliances, lighting, windows, etc. Available to low income owners in any area **outside** of north County cities of Albany, Berkeley, Emeryville and Oakland. Voluntary program, Fall of 2010.