



A Tradition of Stewardship
A Commitment to Service

County of Napa Planning, Building & Environmental Services

Revised Draft Climate Action Plan (CAP)

Watershed Information and Conservation Council

Wednesday, December 12, 2018



A Tradition of Stewardship
A Commitment to Service

County of Napa Planning, Building & Environmental Services

1. INTRODUCTION

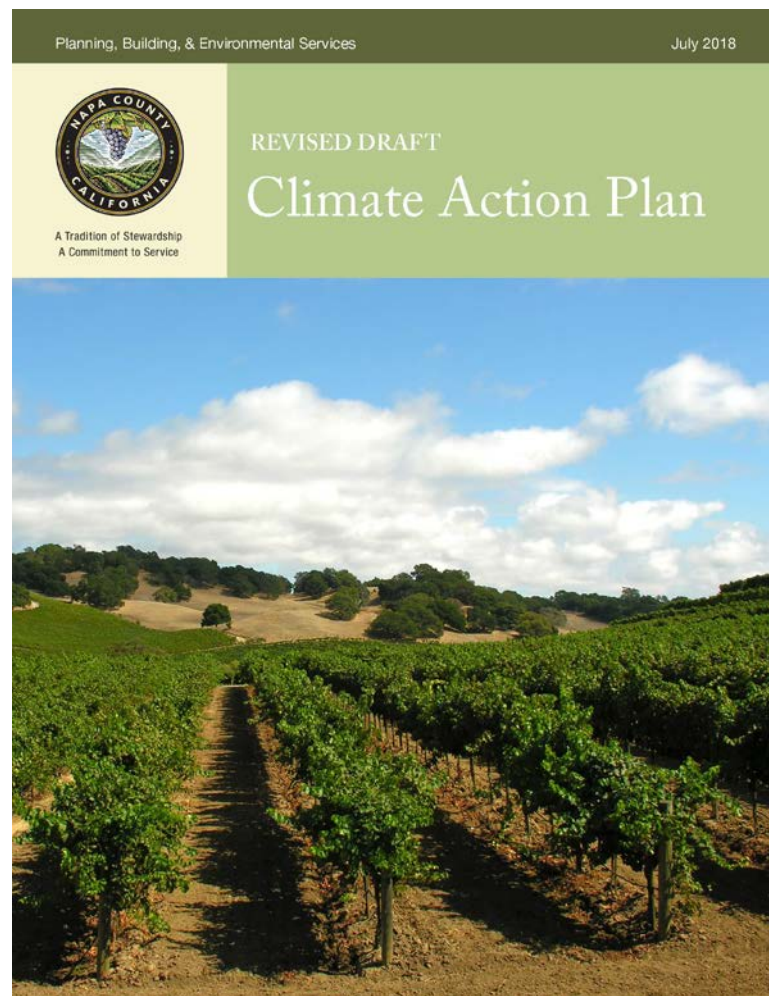


A Tradition of Stewardship
A Commitment to Service

County of Napa Planning, Building & Environmental Services

CAP Purpose and Background

- Reduce greenhouse gas (GHG) emissions in the unincorporated County, consistent with AB 32 and SB 32
- Adapt to climate change and increase resilience.
- Implement 2008 General Plan policies and EIR requirements to develop and adopt a CAP.





A Tradition of Stewardship
A Commitment to Service

County of Napa Planning, Building & Environmental Services

CAP Efforts to Date

July 2015: Project kickoff

Nov 2015: Public Outreach Meeting #1

Feb 2016: Public Outreach Meeting #2

Jun 2016: Public Outreach Meeting #3

Jan 2017: Draft CAP released for public review

Feb 2017: Public Outreach Meeting #4 (WICC Board Hearing)

Jun 2017: Final Draft CAP released



CAP Efforts to Date (cont'd)

July 5, 2017: Planning Commission hearing on Final Draft CAP

- No action taken, continued to a future date

Jan 2018: Consultant contract amended by Board of Supervisors

- Added prep of Environmental Impact Report (EIR)
- Minor revisions to CAP to address public comments

July 24, 2018: Revised Draft CAP and Notice of Preparation (NOP)

- Released for 30-day public review
- Comment period closed Aug. 22, 2018

Aug 15, 2018: Planning Commission hearing on Revised Draft CAP

- Comments received on revised plan and EIR scoping



A Tradition of Stewardship
A Commitment to Service

County of Napa Planning, Building & Environmental Services

Future Milestones

- Winter 2019 - Draft EIR released for 45-day review
- Winter/Spring 2019 - Final Revised CAP and Final EIR completed
- Spring 2019 - Planning Commission hearing
- Spring 2019 - Board of Supervisors hearing and adoption



A Tradition of Stewardship
A Commitment to Service

County of Napa Planning, Building & Environmental Services

2. OVERVIEW OF REVISED DRAFT CAP



A Tradition of Stewardship
A Commitment to Service

County of Napa Planning, Building & Environmental Services

Climate Action Planning Process



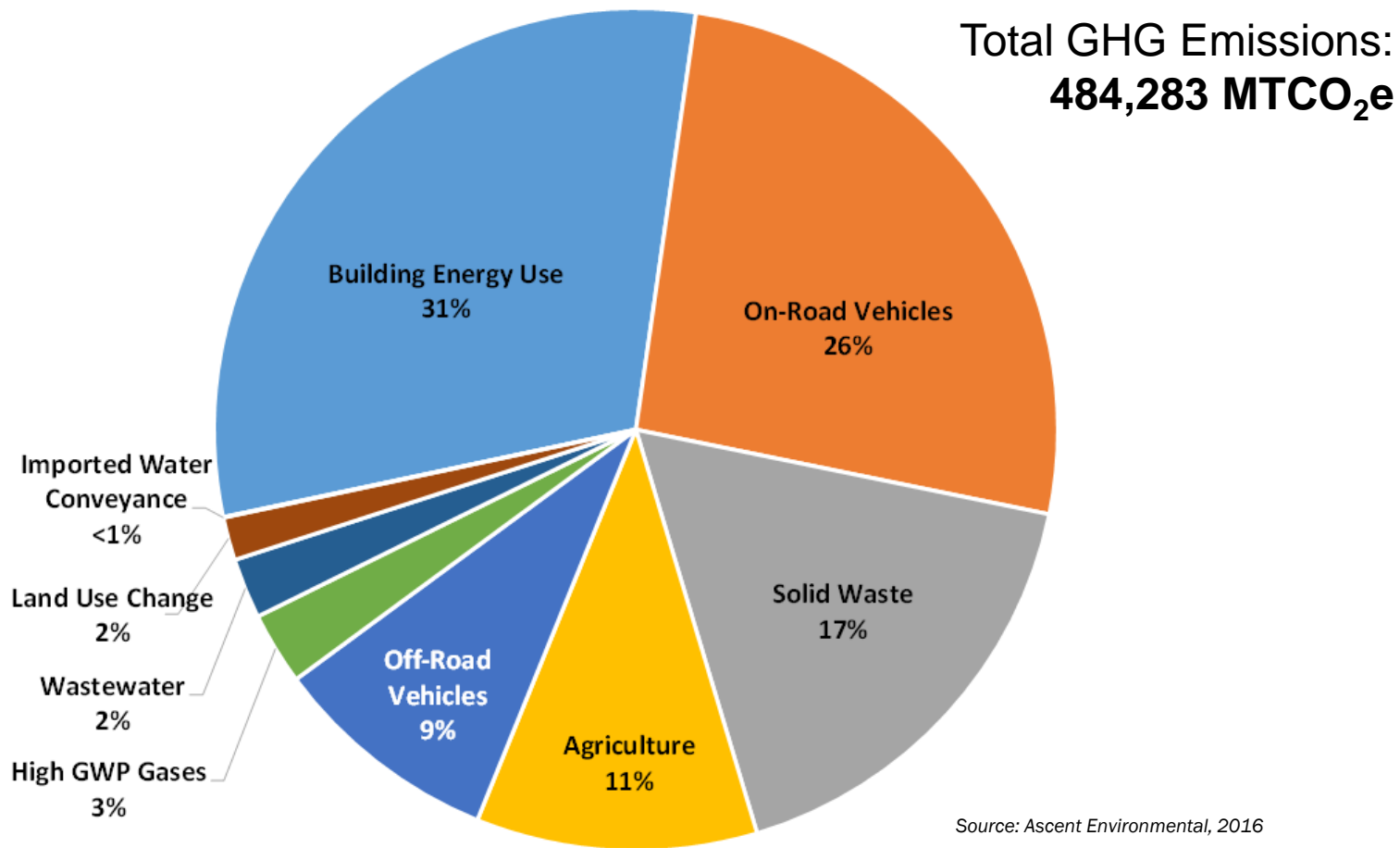
*Step 4 would happen concurrently with Step 3



A Tradition of Stewardship
A Commitment to Service

County of Napa Planning, Building & Environmental Services

Napa County 2014 GHG Emissions Inventory





Statewide GHG Reduction Goals and Targets

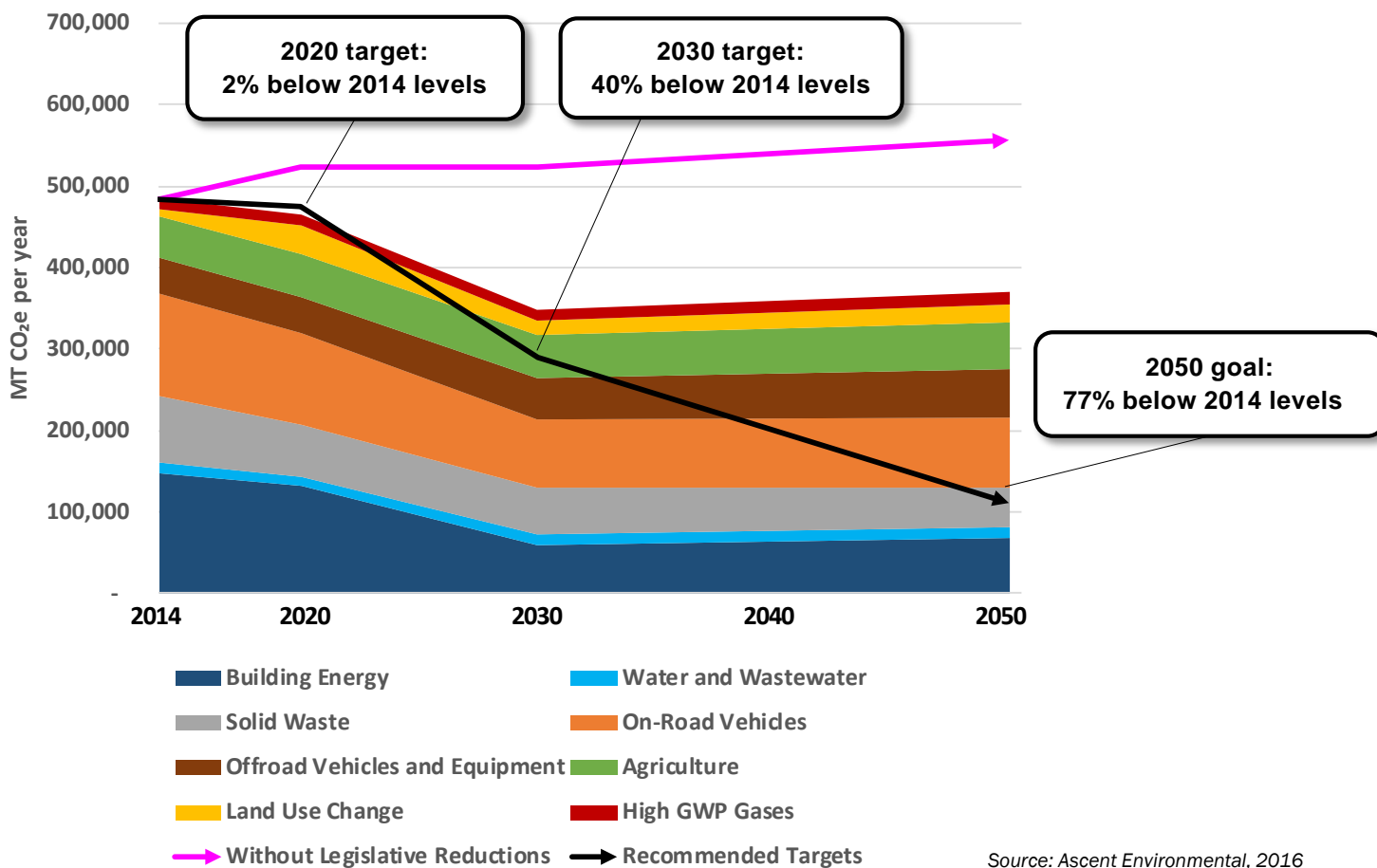
- AB 32 (2006) – Reduce GHG emissions to 1990 levels by 2020
- SB 32 (2016) – 40% below 1990 levels by 2030
- Executive Order S-3-05 (2005): 80% below 1990 levels by 2050



A Tradition of Stewardship
A Commitment to Service

County of Napa Planning, Building & Environmental Services

Napa County GHG Forecasts and Goals





Overview of Changes in Revised CAP

- Clarified GHG emissions scope and methods
 - U.S. Community Protocol compliant
 - Lifecycle or global scope of analysis is not required
 - Consistent with statewide emissions covered by AB 32 and SB 32
 - GWP values are acceptable to CARB and BAAQMD

- Updated State legislation and regulatory actions
 - 2017 Scoping Plan – adopted December 2017
 - SB 1383 – organic waste reduction regs pending



- Reorganized and Updated GHG Reduction Measures
 - **Primary Measures:**
 - Quantitative, primary measures that CAP relies on to achieve numerical target.
 - **Supporting Measures:**
 - Qualitative, supportive of primary measures
 - Would contribute to or result in additional GHG reductions
 - 1 new measure: VMT reduction requirements for new development per proposed Circulation Element Update.
 - Minor updates to various measures to reflect new or changed conditions since 2017 versions
 - Added more information about co-benefits of measures (e.g., public health, ecosystem health, save money)



– Measure BE-4 Clarification

- Requires new or replacement water heating systems to be electrically powered or alternatively fueled (e.g., solar water heating) for all residential land uses.
- The GHG reductions associated with BE-4 (formerly BE-6) were only based on residential in the 2017 versions of the CAP, and that is still the case in the 2018 Revised Draft.
- Commercial land uses were added in the 2017 Final CAP that went to Planning Commission in response to comments received from the public that commercial should also be considered or phase in, but the footnote added to the table at that time to specifically state that the GHG reductions are based only on residential.
- Commercial water heaters not quantified in 2017 measure.



- Clarified implementation methods and assumptions
 - Identified staffing resources needed for implementation
 - Identified general costs/benefits (qualitative)
 - Specificity and enforceability of measures:
 - CAP applies to both existing and new sources of emissions
 - Not all GHG measures in a CAP are regulatory in nature.
 - Some measures apply requirements to all affected development broadly (e.g., adopted by ordinance or amendments to existing codes)
 - Some measures include requirements that only become mandatory in context of environmental review for applicable projects.
 - » Projects that require discretionary approvals and are not otherwise exempt from CEQA
 - » CAP Checklist – identifies which measures, criteria for compliance



A Tradition of Stewardship
A Commitment to Service

County of Napa Planning, Building & Environmental Services

Table 3-2 Effect of Plan Measures on County Emissions, 2020 and 2030 Targets, and 2050 Goal (MTCO₂e/year)

Emissions Source	2020	2030	2050
Legislative-Adjusted BAU Napa County Emissions	463,821	348,253	369,563
Reductions from CAP Measures	46,479	58,327	101,427
Napa County Emissions with CAP	417,342	289,926	268,136
Napa County GHG Reduction Targets (Percent below 2014)	-2%	-40%	-77%
Maximum Emissions allowed with Targets / Goal	474,598	290,570	111,385
Additional GHG Reductions Needed to meet Targets / Goal	-57,255 ^a	-644 ^a	156,751

Notes: Columns may not add to totals due to rounding.

^a Negative values represent that the reductions meet and exceed the targets.

BAU = Business-As-Usual

CAP = Climate Action Plan

GHG = greenhouse gas emissions

MTCO₂e = metric tons of carbon dioxide equivalents

Source: Ascent Environmental 2018



A Tradition of Stewardship
A Commitment to Service

County of Napa Planning, Building & Environmental Services

3. EIR PROCESS



A Tradition of Stewardship
A Commitment to Service

Environmental Review Process



We are here

 = *Opportunities for Public Input*



Issues to be Addressed in the EIR

- Aesthetics
- Agriculture & Forestry
- Air Quality
- Biological Resources
- Cultural/Historic Resources
- GHG Emissions
- Energy
- Hazards/Hazardous Materials
- Hydrology & Water Quality
- Land Use and Planning
- Noise
- Transportation & Traffic
- Tribal Cultural Resources
- Utilities & Service Systems



A Tradition of Stewardship
A Commitment to Service

County of Napa Planning, Building & Environmental Services

4. COUNCIL MEMBER QUESTIONS/COMMENTS