

Napa County

1195 THIRD STREET
SUITE 310
NAPA, CA 94559



Agenda

Friday, August 22, 2025

9:30 AM

Board of Supervisors Chambers, 1195 Third Street, Third Floor

Climate Action Committee

AMERICAN CANYON Melissa Lamattina, Mark Joseph, Pierre Washington (Alternate)

CALISTOGA Kevin Eisenberg(Vice-Chair), Lisa Gift, Irais Lopez-Ortega (Alternate)

NAPA Beth Painter, Bernie Narvaez, Christopher DeNatale (Alternate)

NAPA COUNTY Liz Alessio, Joelle Gallagher (Chair), Amber Manfree (Alternate)

ST. HELENA Billy Summers, Michelle Deasy, Vacant (Alternate)

YOUNTVILLE Hillery Bolt Trippe, Pamela Reeves, Eric Knight (Alternate)

Brian D. Bordona, Director, Chris Apallas, County Counsel , Jamison Crosby, Natural Resources Conservation Manager, Jesse Gutierrez, Principal Planner, Ryan Melendez, Planner II, Alexandria Quackenbush Meeting Clerk, Angie Ramirez Vega Meeting Clerk, Aime Ramos, Meeting Clerk

How to Watch or Listen to the Napa County Climate Action Committee Meetings

The Climate Action Committee will continue to meet at 9:30 AM on the 4th Friday of each month. December 5, 2025 CAC meeting adopted in place of the Regular November and December meetings.

The Climate Action Committee meets as specified in its adopted annual calendar at 1195 Third Street, Suite 310, Napa California 94559. The meeting room is wheelchair accessible. Assistive listening devices and interpreters are available through the clerk of the Climate Action Committee. Requests for disability related modifications or accommodations, aids or services may be made to the Clerk of the Climate Action Committee's office no less than 72 hours prior to the meeting date by contacting (707) 253-4417 or meetingclerk@countyofnapa.org.

The Climate Action Committee realizes that not all County residents have the same ways to stay engaged, so several alternatives are offered. Remote Zoom participation for members of the public is provided for convenience only. In the event that the Zoom connection malfunctions for any reason, the Climate Action Committee reserves the right to conduct the meeting without remote access.

Please watch or listen to the Climate Action Committee meeting in one of the following ways:

1. Attend in-person at the Board of Supervisors Chambers, 1195 Third Street, Napa Suite 305.
2. Watch on Zoom using the attendee link: <https://countyofnapa.zoom.us/j/82901122471>. Make sure the browser is up-to-date.
3. Listen on Zoom by calling 1-669-900-6833 (Meeting ID: 829-0112-2471).

If you are unable to attend the meeting in person and wish to submit a general public comment or a comment on a specific agenda item, please do the following:

1. Email your comment to meetingclerk@countyofnapa.org. Emails received will not be read aloud but will still become part of the public record and shared with the Committee Members.
2. Use the Zoom attendee link: <https://countyofnapa.zoom.us/j/82901122471>. Make sure the browser is up-to-date. When the Chair calls for the item on which you wish to speak, click "raise hand." Please limit your remarks to three minutes.
3. Call the Zoom phone number 1-669-900-6833 Enter Meeting ID 829-0112-2471 When the Chair calls for the item on which you wish to speak, press *9 to raise hand. Please limit your remarks to three minutes.

****Please note that phone numbers in their entirety will be visible online while speakers are speaking****

For more information, please contact us via telephone at (707) 253-4417 or send an email to meetingclerk@countyofnapa.org.

ANY MEMBER OF THE AUDIENCE DESIRING TO ADDRESS THE COMMITTEE:

ON A MATTER ON THE AGENDA

Please proceed to the podium when the matter is called and, after receiving recognition from the Chair, give your name and your comments or questions. In order that all interested parties have an opportunity to speak, please be brief and limit your comments to the specific subject under discussion. Time limitations shall be at the discretion of the Chair or Committee, but is generally limited to three minutes.

ON A MATTER NOT ON THE AGENDA

Public comment is an opportunity for members of the public to speak on items that are not on the agenda but are within the subject matter jurisdiction of the Committee. Public comment is limited to three minutes per speaker, subject to the discretion of the Chair. Comments should be brief and focused, and speakers should be respectful of one another who may have different opinions. Please remember this meeting is being recorded and broadcasted live via ZOOM. The County will not tolerate profanity, hate speech, abusive language, or threats. Also, while public input is appreciated, the Brown Act prohibits the Committee from taking any action on matters raised during public comment that are not on the agenda.

1. **CALL TO ORDER; ROLL CALL**
2. **PLEDGE OF ALLEGIANCE**
3. **PUBLIC COMMENT**

In this time period, anyone may address the Climate Action Committee regarding any subject over which the Committee has jurisdiction but which is not on today's posted agenda. In order to provide all interested parties an opportunity to speak, time limitations shall be at the discretion of the Chair. As required by Government Code, no action or discussion will be undertaken on any item raised during this Public Comment period.

4. **CONSENT ITEMS**

- A. Approval of minutes from the regular meeting on June 27, 2025. [25-1509](#)

Approving Authority: Climate Action Committee

Attachments: [Draft CAC Minutes June 27 2025](#)

5. **ADMINISTRATIVE ITEMS**

- A. PRESENTATION: Receive a presentation on the Draft Napa Regional Climate Action and Adaptation Plan. (No Fiscal Impact) [25-1470](#)

Approving Authority: Climate Action Committee

Attachments: [Item 5A Presentation.pdf](#)

- B. PRESENTATION: Receive a presentation on the proposed implementation plan for the Napa Regional Climate Action and Adaptation Plan. [25-1480](#)

STAFF REQUEST: The Climate Action Committee to direct project staff to proceed with solicitation of scope of work for a regional implementation plan and prioritization strategy.

Approving Authority: Climate Action Committee

Attachments: [Item 5B Presentation](#)

6. REPORTS AND ANNOUNCEMENTS
7. FUTURE AGENDA ITEMS
8. ADJOURNMENT

I HEREBY CERTIFY THAT THE AGENDA FOR THE ABOVE STATED MEETING WAS POSTED AT A LOCATION FREELY ACCESSIBLE TO MEMBERS OF THE PUBLIC AT THE NAPA COUNTY ADMINISTRATIVE BUILDING, 1195 THIRD STREET, NAPA, CALIFORNIA ON 8/19/2025 BY 9:30AM. A HARDCOPY SIGNED VERSION OF THE CERTIFICATE IS ON FILE WITH THE COMMITTEE CLERK AND AVAILABLE FOR PUBLIC INSPECTION

AIME RAMOS(by e-signature)

Aime Ramos, Clerk of the Commission



Napa County

Board Agenda Letter

1195 THIRD STREET
SUITE 310
NAPA, CA 94559
www.countyofnapa.org
Main: (707) 253-4580

Climate Action Committee

Agenda Date: 8/22/2025

File ID #: 25-1509

TO: Napa County Climate Action Committee
FROM: Brian D. Bordona, Director, Napa County Planning, Building, & Environmental Services
REPORT BY: Jesse Gutiérrez, Principal Planner - Sustainability
SUBJECT: Approval of Minutes

RECOMMENDATION

Approval of minutes from the regular meeting on June 27, 2025.

EXECUTIVE SUMMARY

The Clerk requests approval of minutes from the regular meeting on June 27, 2025.

BACKGROUND

Only committee members who attended the June 27, 2025 meeting of the Climate Action Committee (CAC) may vote on the minutes. All other CAC members should abstain from the vote.

ENVIRONMENTAL IMPACT

ENVIRONMENTAL DETERMINATION: The proposed action is not a project as defined by 14 California Code of Regulations 15378 (State CEQA Guidelines) and therefore CEQA is not applicable.



Regular Meeting Minutes

Climate Action Committee

Committee Members

American Canyon	Melissa Lamattina	Mark Joseph
Calistoga	Kevin Eisenberg (<i>Vice-Chair</i>)	Lisa Gift
Napa	Bernie Narvaez	Beth Painter
Napa County	Liz Alessio	Joelle Gallagher (<i>Chair</i>)
St. Helena	Michelle Deasy	Billy Summers
Yountville	Hillery Bolt Trippe	Pamela Reeves

County Staff

Brian D. Bordona, Director
Chris Apallas, Committee Counsel
Jesse Gutierrez, Principal Planner
Ryan Melendez, Planner II
Alexandria Quackenbush, Meeting Clerk
Angie Ramirez Vega, Meeting Clerk

Alternates

American Canyon	Pierre Washington
Calistoga	Irais Lopez Ortega
Napa	Christopher DeNatale
Napa County	Amber Manfree
St. Helena	Vacant
Yountville	Eric Knight

Friday, June 27, 2025

9:30 AM

**Board of Supervisors Chambers
1195 Third Street, Third Floor**

1. CALL TO ORDER; ROLL CALL

Committee Members Present: Mark Joseph, Melissa Lamattina, Lisa Gift, Pamela Reeves, Kevin Eisenberg, Joelle Gallagher, Michelle Deasy, Beth Painter, Liz Alessio (Arrived during item 3-Public Comment).

Alternate Members Present: None

Committee Members Absent: Hillery Trippe, Billy Summers, Bernie Narvaez

2. PLEDGE OF ALLEGIANCE

3. PUBLIC COMMENT

Five (5) public comments were received.

4. CONSENT ITEMS

A. The Clerk of the Committee requests approval of minutes from the following meeting held on: April 25, 2025

Motion by Member Reeves to approve Consent Items, seconded by Member Joseph.

Vote: Carried 9-0-3

Yes: Reeves, Joseph, Lamattina, Gift, Eisenberg, Gallagher, Alessio, Deasy, Painter

No: None

Absent: Narvaez, Trippe, Summers

5. ADMINISTRATIVE ITEMS

A. PRESENTATION AND ACTION: Staff recommendation of an Initial Study for the Regional Climate Action and Adaptation Plan (RCAAP) California Environmental Quality Act (CEQA) Review and the planned roll-out and review of the public draft of the RCAAP.

STAFF REQUEST: Receive a presentation on the planned approach by the All Jurisdictions Working Group regarding the Administrative Draft and direct staff and Ascent to commence the CEQA (California Environmental Quality Act) review process immediately.

Jesse Gutierrez presented the item along with Erik De Kok from Ascent.

CAC Members asked, Jesse and Erik De Kok responded to, questions.

Chair Gallagher opened public comment; two public comments were received.

Chair Gallagher closed public comment.

Motion by Member Alessio to move staff recommendation forward; seconded by Member Reeves.

Vote: Carried 9-0-3

Yes: Reeves, Joseph, Lamattina, Gift, Eisenberg, Gallagher, Alessio, Deasy, Painter

No: None

Absent: Narvaez, Trippe, Summers

B. PRESENTATION: AN INTRODUCTION TO THE CALISTOGA RESILIENCY CENTER

STAFF REQUEST: Receive a presentation from Craig Horne PhD from Energy Vault on the Calistoga Resiliency Center, a first-of-a-kind hybrid energy storage system.

Craig Horne, PhD, Energy Vault, presented the item.

Chair Gallagher opened public comment; one public comment was received.

Chair Gallagher closed public comment; Craig Horne responded to public comment and questions from the Committee.

6. REPORTS AND ANNOUNCEMENTS

N/A

7. FUTURE AGENDA ITEMS

Members proposed potential future agenda items.

8. ADJOURNMENT

Meeting adjourned at 11:39 a.m.

ANGIE RAMIREZ VEGA, Meeting Clerk



Napa County

Board Agenda Letter

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Climate Action Committee

Agenda Date: 8/22/2025

File ID #: 25-1470

TO: Napa County Climate Action Committee

FROM: Brian D. Bordona, Director of Planning, Building, and Environmental Services

REPORT BY: Jesse Gutiérrez, Principal Planner, Sustainability

SUBJECT: Receive a presentation on the Draft Napa Regional Climate Action and Adaptation Plan.

RECOMMENDATION

PRESENTATION: Receive a presentation on the Draft Napa Regional Climate Action and Adaptation Plan.
(No Fiscal Impact)

ENVIRONMENTAL IMPACT

ENVIRONMENTAL DETERMINATION: The proposed action is not a project as defined by 14 California Code of Regulations 15378 (State CEQA Guidelines) and therefore CEQA is not applicable.

BACKGROUND

In May 2023, the Climate Action Committee (CAC) made the preparation of a Regional Climate Action and Adaptation Plan (RCAAP) to top priority for FY 2023-2024. That same month, the office of former California Senator Bill Dodd provided a California State Appropriations Grant for \$500,000 for the preparation of the Napa County RCAAP. After the request for proposal process, in December 2023, Ascent Environmental was contracted to begin development of the RCAAP. The RCAAP development process launched in January 2024. Community engagement efforts took place the summer of 2024 with a community survey and several focused group conversations exploring community needs, sharing of perspectives on impacts of climate change and experiences in community resiliency. Focus groups were organized around topics including youth, families, community-based organizations, public health, multi-language populations, and agriculture and grape growers.

The RCAAP was developed over the course of FY 2024-2025 with discussions and input on supporting documents by City of Napa and Napa County staff, the CAC, public comments at the CAC meetings, executive management of CAC member municipalities and County leadership, jurisdiction department staff, and partner stakeholders. The All Jurisdiction Working Group was formed to ensure staff from each of the jurisdictions played a part in reviewing the Administrative Draft of the RCAAP and in deciding the best path for environmental review of the document. Additionally, the Working Group communicates and represents each jurisdiction's goals, priorities, concerns, and feedback during meetings and will be pivotal in upcoming discussions and decision making regarding how to best implement the RCAAP keeping each jurisdiction's unique needs and priorities in mind.

The RCAAP public draft was made available on August 1st on the project website - www.climateactionnapa.konveio.com <<http://www.climateactionnapa.konveio.com>>
The public review and comment period is open from August 1 to September 30, 2025.

The RCAAP

Climate change has presented significant challenges locally and is increasingly supercharging weather patterns leading to greater impacts on communities. Climate change is experienced in many different forms, which locally may include effects such as prolonged heat waves, extended drought periods, altered frequency and severity of rain events, and increased wildfire risk caused by conditions that are more favorable for ignition and rapid spread of fires.

In recent years, a series of devastating wildfires swept through Napa County and surrounding regions, including the Atlas, Tubbs, and Nuns fires in 2017; and the Glass Fire and the LNU Lightning Complex fires in August and September 2020. These wildfires, collectively, burned hundreds of thousands of acres (CAL FIRE 2017, 2022, 2023), and destroyed thousands of structures, and resulted in an array of cascading public health, economic, and even viticultural impacts throughout the county. In the 2020 fires alone, eight percent of the season's wine grapes were left tainted by wildfire smoke, and thus, were unusable (Chroback and Zimmer 2022). Additionally, in September 2022, an unprecedented and uninterrupted 10-day heat wave, with temperatures exceeding triple digits across much of the state, led to hundreds of excess deaths, including some residents of Napa County (CDPH 2023). In general, climate-related hazard events like these can have an array of adverse impacts on populations, the built environment, and community functions and over time, these events will likely increase in frequency, intensity, and/or duration because of climate change.

Recognizing these disasters, threats, and challenges, local jurisdictions including: Napa County, the Cities of American Canyon, Calistoga, Napa, and St. Helena, and the Town of Yountville have come together to develop the Napa RCAAP.

The RCAAP is a roadmap that identifies strategies, measures, and actions that guide the region to reduce greenhouse gas emissions and adapt to climate change. Shaped by input from residents, businesses, and community organizations across all six jurisdictions, it supports a more sustainable and resilient Napa County and requires bold and coordinated action across jurisdictional boundaries.

The RCAAP reflects regionally-tailored solutions that are representative of the unique environmental, economic, and social characteristics of the county. Additionally, the RCAAP builds upon existing climate change and sustainability initiatives throughout the county (some of which are detailed in Section 1.3 of the RCAAP), seeking to coordinate and amplify these and future efforts through a unified regional framework.

2019 Greenhouse Gas (GHG) Emissions Inventory

The first step in preparing this RCAAP was to build an understanding of the regional GHG emissions profile by preparing a countywide emissions inventory. Using 2019 as the baseline year, total countywide GHG emissions were estimated at approximately 1,221,861 metric tons of carbon dioxide equivalent (MTCO_{2e}). GHG emissions inventories identify the sources, activities, and sectors that represent emissions within a jurisdiction and the relative contributions of each. The three primary GHGs included in the countywide GHG inventory are carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O).

The City of Napa accounted for the largest percentage of countywide emissions at 43 percent, followed by the unincorporated county at 31 percent, American Canyon at 16 percent, and St. Helena, Calistoga, and Yountville each at 5 percent or less. The three largest contributing sectors to local GHG emissions were on-road transportation 39%, building energy 23%, and solid waste with 16% of total local emissions. The four remaining sectors (i.e., off-road equipment, agriculture, wastewater, and imported water) in total accounted for approximately 22 percent of countywide emissions.

Community Engagement

Community engagement is a vital component of any effective climate action and adaptation planning process, ensuring that the plan reflects the needs, priorities, and values of the people it serves. County staff's extensive public outreach and community engagement efforts resulted in responses and input from 310 individuals to an introductory survey which helped to gain a better understanding of how residents feel about climate change and how it affects their daily lives. Four community meetings were held in the summer of 2024 to identify existing conditions and key areas of concern for participants. 20 organizations partnered with the project team to hold focused group conversations to further explore the needs of the community.

GHG Emissions Reduction Targets

Through the RCAAP Napa County Jurisdictions have set countywide GHG emissions reduction targets for 2030, 2035, and 2045, which are aligned with the State of California's goals. They include:

- 42 percent reduction below 2019 levels by 2030,
- 57 percent reduction below 2019 levels by 2035, and
- 85 percent reduction below 2019 levels by 2045.

In addition to these quantitative targets, Napa County jurisdictions have set a goal in this RCAAP of achieving carbon neutrality by 2045 - primarily through natural carbon sequestration, in addition to strategies and measures to reduce GHG emissions in furtherance of the 85 percent reduction target by 2045.

GHG Reduction Measures

While legislative and regulatory actions at the regional, State, and federal levels will result in notable GHG emissions reductions on their own, additional efforts need to be taken locally by Napa County jurisdictions to fully achieve the established targets. These additional efforts come in the form of 46 distinct GHG reduction measures that were prepared for this RCAAP.

Across the six emissions sectors (Building Energy, On-Road Transportation, Solid Waste, Water and Wastewater, Agriculture, and Off-Road Equipment), 21 different GHG reduction strategies are supported by 46 measures and 107 actions. The GHG reduction measures reduce emissions from human activities (e.g., building energy use and transportation), and enhance carbon storage (e.g., carbon farming and restoring wildfire-affected areas).

The GHG reduction framework is designed for countywide application, and many measures will be applied and implemented consistently across all Napa County Jurisdictions, addressing broad issues and emissions sources that are shared across multiple jurisdictions. However, some GHG reduction measures do not apply uniformly across all jurisdictions and only apply to specific local contexts and needs.

The GHG reduction potential of the measures was quantified for 17 of the 46 measures. The remaining

measures were not quantified for one or more reasons, including lack of available data or adequate quantitative methods, the qualitative nature of some measures, varying levels of uncertainty regarding the effectiveness of some measures, or limitations on local jurisdictions' control over the impact of the measure (e.g., education, encouragement, supporting local partners).

Although 46 GHG reduction measures are included in the RCAAP, a few specific measures are projected to account for the vast majority of reductions from human-caused emissions by 2045. These include:

- BE-1: Retrofit Existing Buildings to Zero Carbon
- TR-9: Expand Renewable Diesel Availability
- AG-1: Reduce Fossil Fuel Consumption in Field Equipment
- SW-1: Increase Solid Waste Diversion
- SW-4: Increase Landfill Methane Capture Capacity
- WW-1: Reduce Methane Emissions from Wastewater Treatment Plants

(BE = Building Energy; TR = On-Road Transportation; AG = Agriculture; SW = Solid Waste; WW = Imported Water & Wastewater)

Altogether, the six measures account for approximately 91 percent of total emissions reductions in 2045.

If all GHG reduction measures are implemented as planned and regional growth aligns with projections, the reductions should meet both the 2030 and 2045 targets and the 2045 carbon neutrality goal. Actual reductions may be greater, as many measures are not quantified and could have additional reduction potential.

Carbon Sequestration GHG Reduction Measures

Carbon sequestration secures carbon dioxide to prevent it from entering the Earth's atmosphere. The idea is to stabilize carbon in solid and dissolved forms so that it doesn't cause the atmosphere to warm. The process shows tremendous promise for reducing the human "carbon footprint." There are two main types of carbon sequestration: biological and geological. (UC Davis - ucdavis.edu/climate/definitions/carbon-sequestration)

The RCAAP GHG reduction measures that have the potential to increase carbon sequestration include:

- AG-3: Expand Carbon Farming Practices
- AG-4: Report on Carbon Farming Practices
- AG-5: Expand the Urban Forest
- AG-6: Restore Woodland and Forest Habitat
- AG-7: Increase Sustainable Vineyard Certification

When bundled with other GHG reduction measures, these would help the county meet or exceed its carbon neutrality goal by 2045 and allow additional flexibility to meet the region's carbon neutrality goal by providing a buffer for future variability and uncertainty when implementing the RCAAP.

Vulnerability Assessment

A climate-resilient community is one: (1) that can effectively cope with, manage, and minimize the impacts of current and future climate hazards (and climate change more broadly); and (2) that can recover efficiently and equitably when adverse impacts are experienced.

To effectively adapt to climate change, Napa County jurisdictions first conducted a climate change vulnerability

assessment (VA) in April 2024 to determine countywide vulnerabilities of people, the built environment, and natural resources to various climate hazards, which refers to natural hazards that are worsened or altered due to the effects of climate change.

Five climate change effects were evaluated in the VA: (1) wildfire; (2) increased temperatures and extreme heat; (3) extreme precipitation, sea level rise, and flooding; (4) drought; and (5) energy grid impacts.

The VA includes distinct analyses that determine exposure, sensitivity, potential impacts, adaptive capacity, and vulnerability in the context of climate change.

Exposure: The presence of people, infrastructure, natural systems, and economic, cultural, and social resources in areas subject to harm.

Sensitivity: The degree to which a species, natural system, community, government, or other associated systems would be affected by changing climate conditions.

Potential Impacts: A specific negative result of a climate change effect, generally on a particular population or asset. The combination of exposure and sensitivity often determines potential impacts.

Adaptive Capacity: The combination of the strengths, attributes, and resources available to an individual, community, society, or organization that can be used to prepare for and undertake actions to reduce adverse impacts, moderate harm, or exploit beneficial opportunities.

Vulnerability: The degree to which natural, built, and human systems are at risk from climate change impacts. Overall, vulnerability is considered a function of exposure, sensitivity, potential impacts, and adaptive capacity.

The VA directly informed the preparation of 40 distinct adaptation measures included in this RCAAP, which are organized into six different strategies and aimed at reducing vulnerability, adapting to the impacts of climate change, and increasing community resilience.

Adaptation Strategies

Climate change adaptation involves adjusting to effects that are already occurring and preparing for those that are anticipated to occur in the future. Climate change adaptation planning enhances community resilience by evaluating jurisdiction-specific vulnerabilities and developing measures to respond to and prepare for current and future impacts.

Napa County jurisdictions' existing hazard mitigation plans and general plan safety elements were reviewed to identify gaps in addressing climate-related hazards and risks (see Appendix K). The climate adaptation strategies, measures, and actions in the RCAAP fill gaps which enhance Napa County Jurisdictions' climate resilience.

The 40 adaptation measures from the RCAAP fall into the following six overarching adaptation strategies:

- **All:** Improve Napa County jurisdictions' Overall Climate Resilience
- **Fire:** Prepare for and Adapt to Increased Wildfire Risk
- **Temp:** Prepare for Increased Temperatures and More Frequent Extreme Heat Events
- **Flood:** Prepare for More Frequent Extreme Precipitation and Flooding Events, Combined with Sea Level Rise Threats
- **Drought:** Prepare for More Frequent Drought Events and Enhance the Region's Overall Water Supply Resilience

- **Energy:** Improve the Region's Energy Grid Resilience

CEQA Initial Study

Napa County jurisdictions are currently preparing an Initial Study for the RCAAP, pursuant to CEQA. Napa County will serve as lead agency for the preparation of the Initial Study, with other incorporated jurisdictions acting as responsible agencies. The Initial Study will evaluate the potential environmental effects of the proposed RCAAP and its implementation, and the County and responsible agencies will make the appropriate environmental determination following completion of the Initial Study. Following completion of the environmental review process, each governing body will certify the CEQA document and adopt the RCAAP following a public hearing.

On June 27, 2025 the Napa Climate Action Committee (CAC) directed staff to move forward with the recommended Initial Study of the RCAAP. The recommendation to initiate the preparation of the Initial Study was reached through conversations between the city managers of the six jurisdictions, the County CEO's office, the All Jurisdiction Working Group (comprised of staff from all six jurisdictions), the project team, and the CAC.

Ascent will prepare an Administrative Draft Initial Study with mitigation measures if potentially significant impacts are identified. Staff from all 6 jurisdictions will have a chance to review and comment on the draft Initial Study prior to release for public review.

Implementation - including funding, costs, etc.

As Napa County jurisdictions move forward with adopting and implementing the RCAAP, sustained regional coordination and collaboration will be required to ensure adequate staffing to guide the many near-term actions necessary to implement the measures.

Napa County jurisdictions must also consider how to best leverage and prioritize existing local funding sources, while developing a strategy for securing new funding, such as state or federal grants, loans, or other special financing mechanisms, to support the longer-term investments required for successful RCAAP implementation. Appendix I of the RCAAP provides an assessment of funding and financing options identified as potential funding sources and financing mechanisms that could support implementation of the 9 priority measures for GHG reductions and 10 priority measures for climate adaptation.

Implementation of the RCAAP will also require regular monitoring and updates to ensure the plan is on target to achieve its near-term and long-term targets, while also remaining adaptable to new challenges and opportunities. Appendix H of the RCAAP provides specific implementation details for all GHG reduction and climate adaptation measures and actions. While the implementation matrices identify applicable jurisdictions, potential partners, implementing mechanisms, and estimated timeframes, a more detailed and tailored strategy framework plan for implementing the RCAAP will be necessary.

An implementation plan can help define each of the participating jurisdiction's roles and priorities, increase accountability and transparency, clarify coordination needs, align RCAAP implementation with jurisdiction budget decisions, and department-level working plans. The CAC and the All Jurisdiction Working Group will

be essential in ensuring a coordinated implementation plan aligns with each jurisdiction's goals and clearly defines each jurisdiction's role and responsibility in implementing the RCAAP measures.

Next Steps

Staff request the Climate Action Committee receive a presentation on the Draft Napa Regional Climate Action and Adaptation Plan.

The Draft RCAAP is now available for public review. A 60-day review period will be open from August 1, 2025 to September 30, 2025.

Upcoming Public Events and Community Engagement Opportunities

Open House Events

Wednesday, August 20, 2025 Yountville Community Center, Heritage Room 6:00 pm - 8:00 pm

Thursday, August 21, 2025 American Canyon Public Library, Community Room 5:30 pm - 7:30 pm

Wednesday, August 27, 2025 Napa Main Library, Community Room 5:30 pm - 7:30 pm

*please visit climateactionnapa.konveio.com to rsvp for any of the above events

Presentations

Tuesday, August 05, 2025, Napa County Board of Supervisors

Friday, August 22, 2025, Climate Action Committee

Tuesday, September 02, 2025, Napa City Council

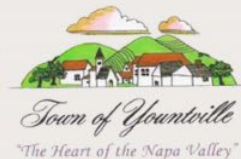
Wednesday, September 03, 2025, American Canyon Open Spaces, Active Transportation, and Sustainability Committee

Friday, September 23, 2025, St. Helena City Council



Napa County Regional Climate Action and Adaptation Plan

Climate Action Committee
August 22, 2025

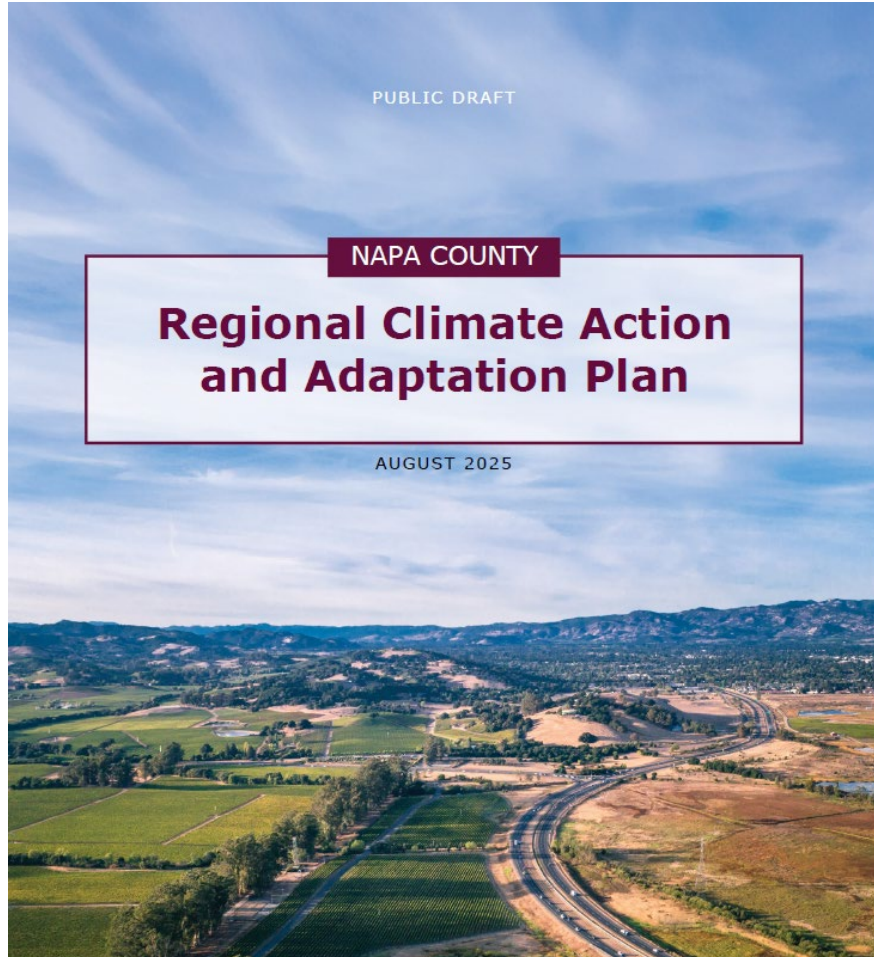


Overview

- Public Draft Regional Climate Action & Adaptation Plan (RCAAP)
- Next Steps and Schedule
- Q&A



What is the RCAAP?



- **Comprehensive, long-range, climate plan**
 - Achieves countywide GHG reduction targets and carbon neutrality goals for 2030 and 2045
 - Provides countywide strategy for climate adaptation and resilience.
 - Builds on existing sustainability & climate initiatives in the county
- **Regional, coordinated plan**
 - Addresses regional emissions and regional climate change impacts (all jurisdictions)
 - Prepared and reviewed by member agencies of the Climate Action Committee (CAC):
 - County of Napa
 - City of American Canyon
 - City of Calistoga
 - City of Napa
 - City of St. Helena
 - Town of Yountville



Why is the RCAAP Needed?

Our Climate Emergency Requires Urgent Action

CLIMATE CHANGE CAN BE NARROWED DOWN TO **5 KEY FACTS**



Estimated percentage of adults in Napa County who:

71%

...are worried about climate change.

67%

...believe climate change is already harming people now or will within the next ten years.

50%

...believe climate change will harm them personally.

52%

...have personally experienced the effects of climate change.



Co-Benefits of Climate Action & Adaptation



Partnerships and Collaboration

We're all in this together!

- 6 Local Jurisdictions
- Community
- Utilities
- Regional Agencies
- State of California
- Federal Government

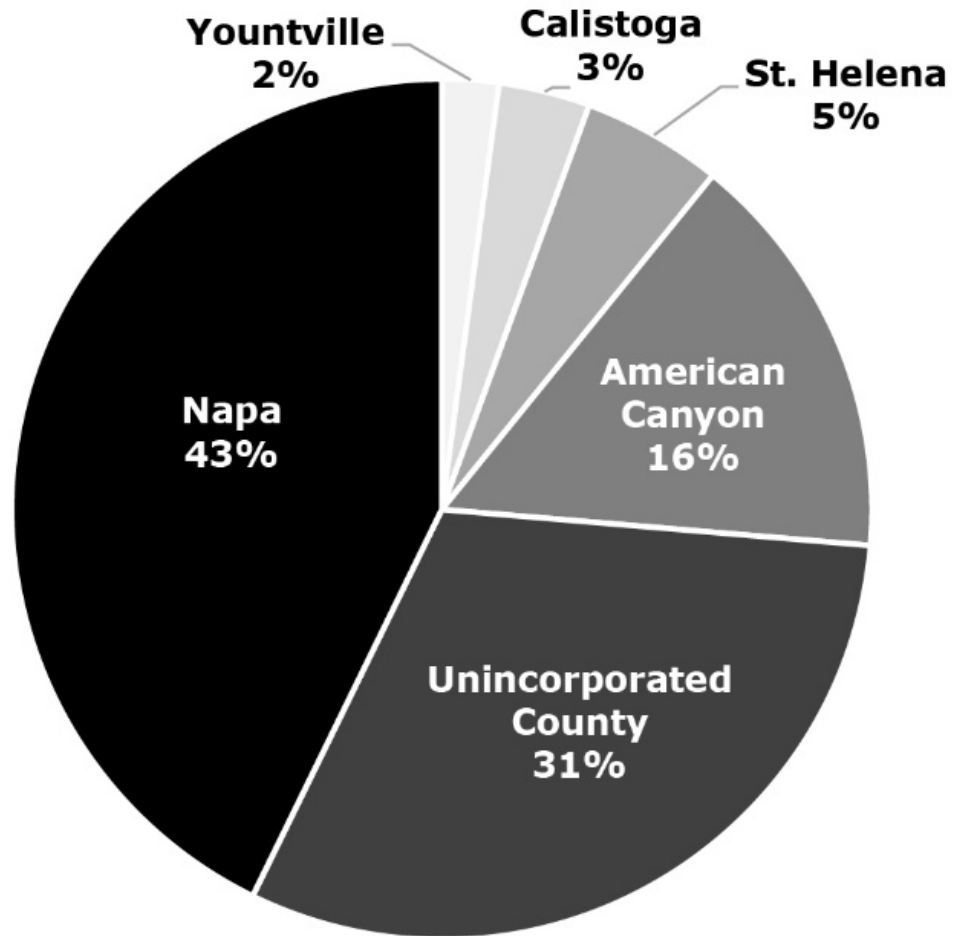




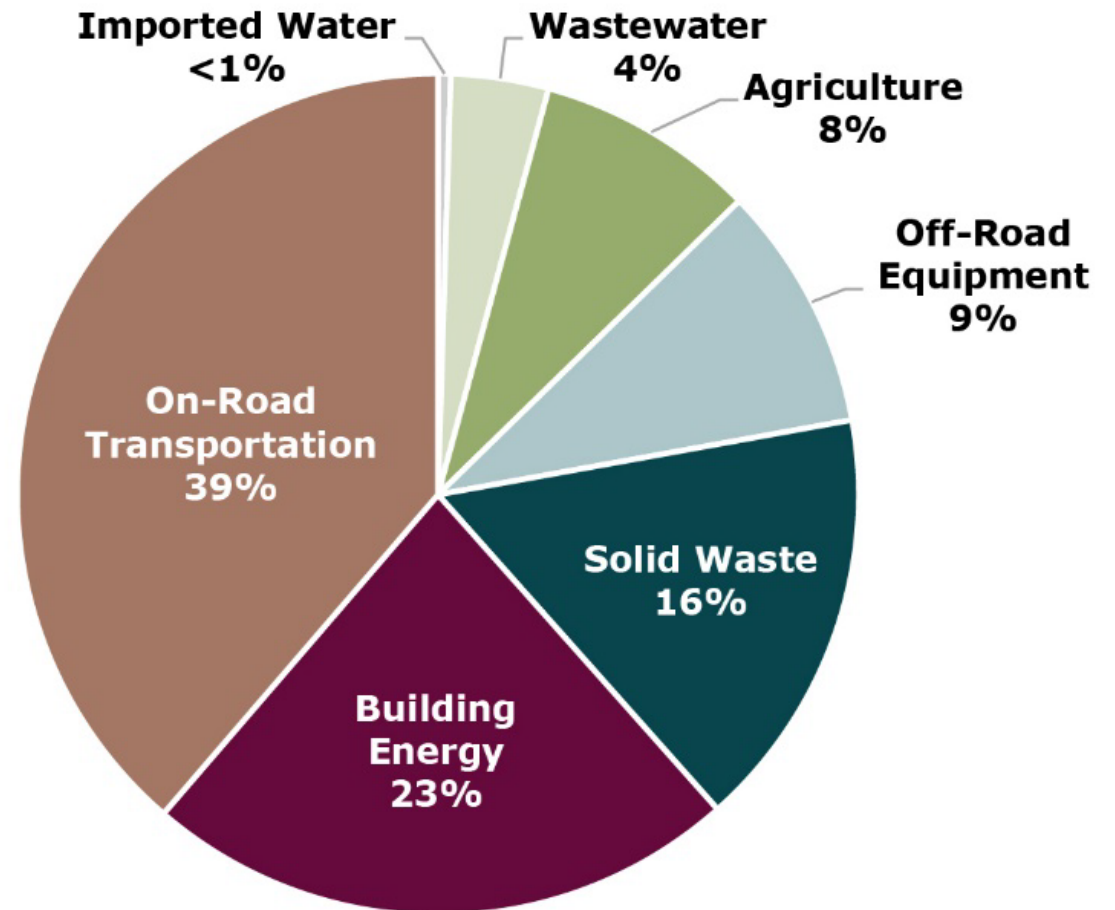
Climate Action: GHG Mitigation

Napa County's Regional GHG Emissions Inventory (2019)

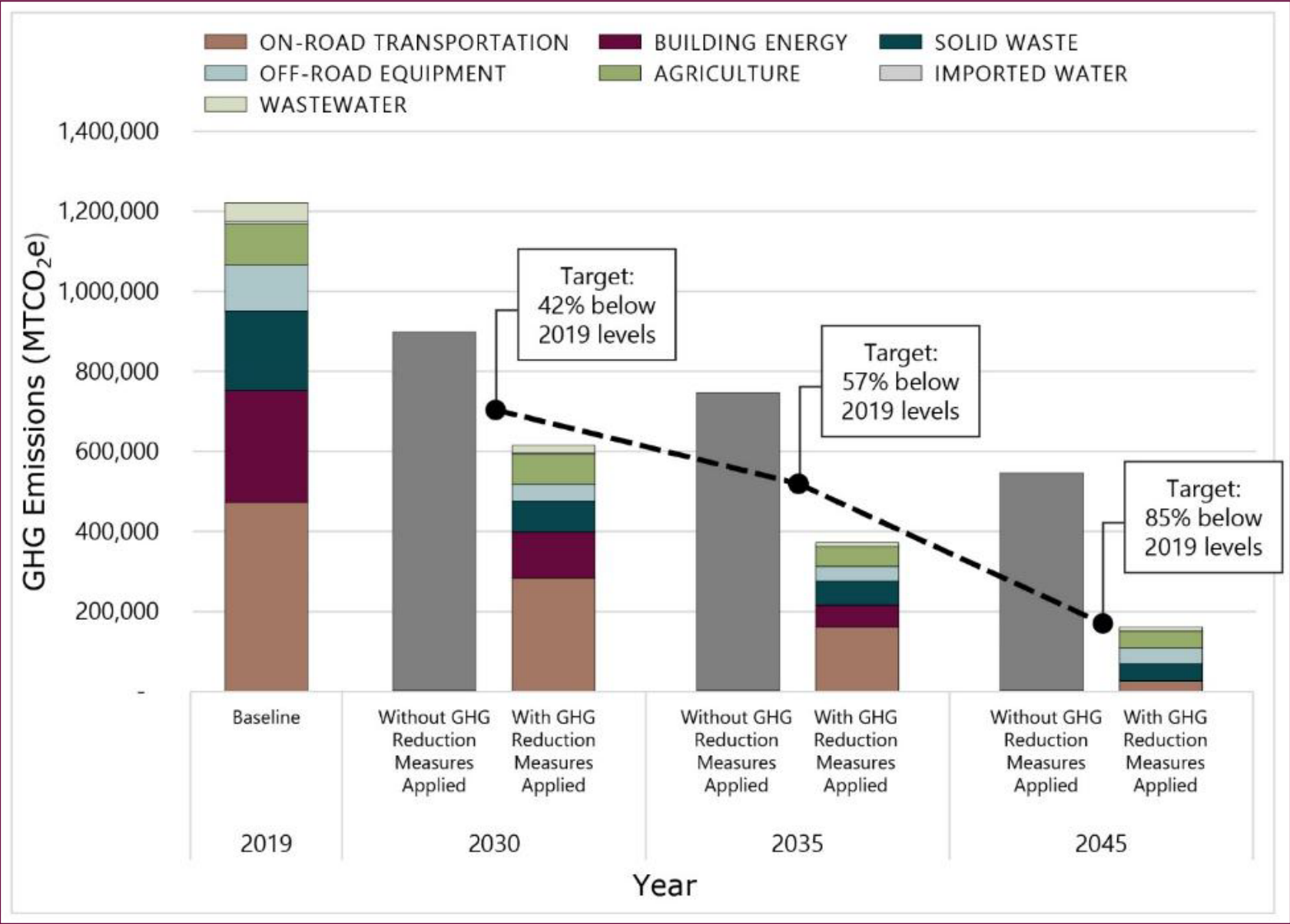
BY JURISDICTION



BY SECTOR



Forecasted GHG Emissions, Targets, and GHG Reduction Measures



RCAAP GHG Reduction Strategies

- **21 Strategies**, aligned with GHG emissions sectors + carbon sequestration opportunities
- **46 GHG Emission Reduction Measures**
 - 17 quantifiable measures
- **100+ Implementing Actions**
 - Many short-term actions (next 5 years)
 - Long-term actions (beyond 5 years)



Building Energy

- **Clean and Efficient Energy Use in Existing Buildings**
 - Retrofit All Existing Buildings to Zero Carbon
 - Energy Audits & Incentives
 - Increase Renewable Energy Generation & Storage
 - Sustainable Winery Certifications
- **Zero-Carbon New Development**
 - Require New Buildings to be Zero-Carbon
- **Energy Education, Awareness, and Behavior Change**
 - Empower Community to Reduce Building Energy Emissions

Anthropogenic reductions in 2045: 58,375 MTCO₂e

- 8% of all reductions
- 14% of all anthropogenic reductions





Transportation

- **Reducing How Much We Drive (vehicle miles traveled, or VMT)**
 - Increase Active Transportation Options
 - Expand Mobility Options for Visitors/Tourism
 - Reduce Winery Wastewater Hauling
- **Electrification of Vehicles & Equipment**
 - Transition Fleets to ZEVs
 - Increase EV Charging and Hydrogen Fueling Infrastructure
- **Expand Zero-Carbon Fuels**
- **Transportation Education**

Anthropogenic reductions in 2045: 76,511 MTCO₂e

- 10% of all reductions
- 18% of all anthropogenic reductions



Solid Waste

- **Promote Zero Waste**
 - Increase Solid Waste Diversion
 - Reduce Construction & Demolition Waste
 - Waste Education (Reduce/Reuse/Recycle/Compost)
- **Reduce Existing Landfill Emissions**
 - Increase Methane Capture Capacity and Efficiency
 - Support Waste-to-Energy

Anthropogenic reductions in 2045: 173,057 MTCO₂e

- 23% of all reductions
- 41% of all anthropogenic reductions

Water & Wastewater

- Reduce Water Waste
- Improve Water Conservation & Efficiency
- Native and Drought-Tolerant Landscaping
- Reduce Methane Emissions from Treatment Plants
- Explore Recycled Water Opportunities

Anthropogenic reductions in 2045: 45,412 MTCO₂e

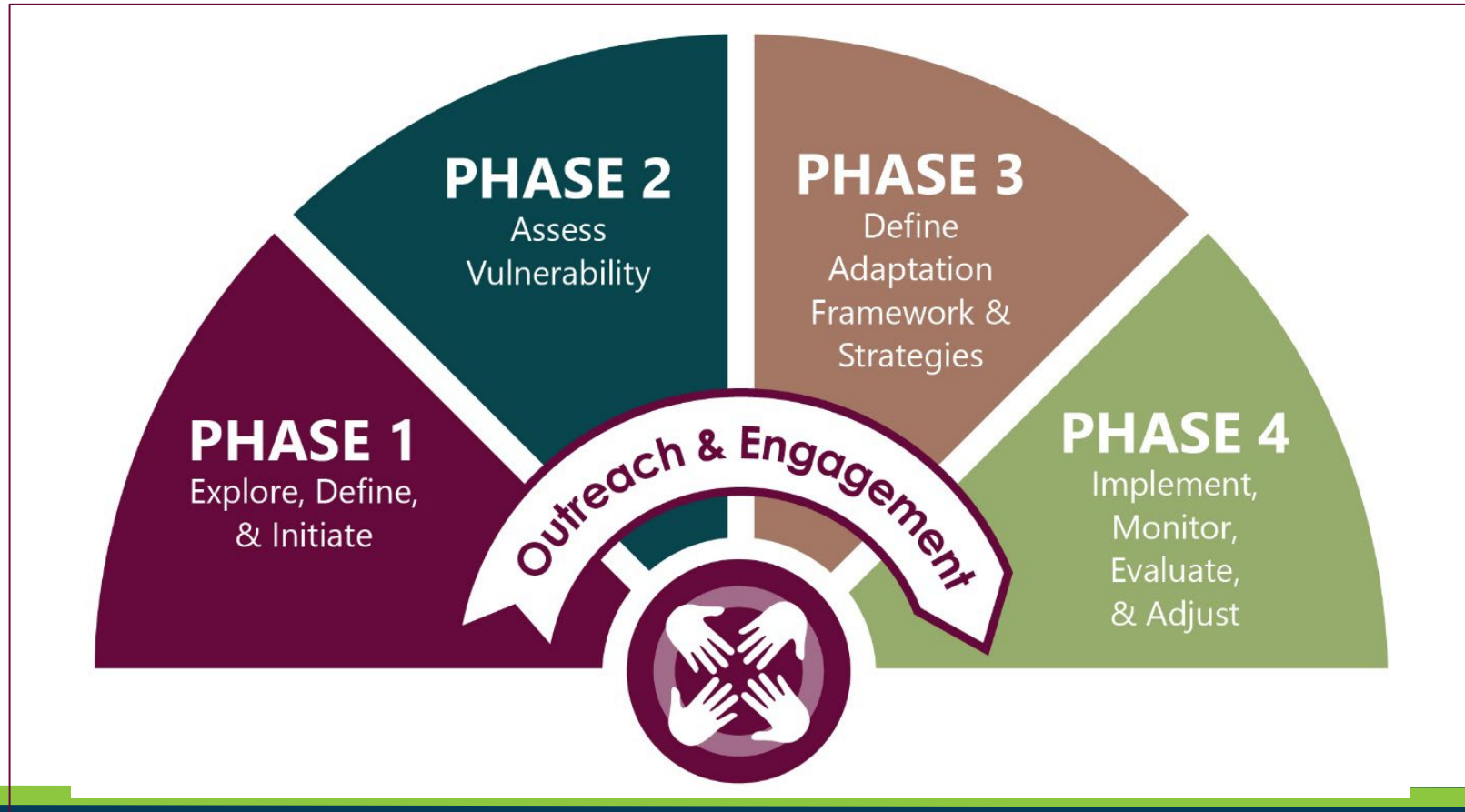
- 6% of all reductions
- 11% of all anthropogenic reductions



Agriculture and Open Space

- Reduce Fossil Fuel Use in Farming Equipment
- Increase Carbon Farming
- Increase Sustainable Vineyard Certifications
- Sustainable Livestock Practices
- Expand Urban Forest
- Accelerate Woodland and Forest Restoration and Stewardship
- Avoid or Minimize Carbon Stock Loss Attributable to Land Use Change





Climate Adaptation

Climate Change Effects in Napa County

- Increased Severity or Frequency of Wildfires
- Increased Temperatures and Extreme Heat
- Extended or More Severe Drought
- More Extreme Precipitation Events and Increased Flooding Risk + Sea Level Rise
- Energy Grid Impacts



Climate Adaptation & Resilience Strategies

- All-Hazards Approach to Climate Resilience: People, Infrastructure, Natural Resources
- Wildfire Risk Reduction and Preparedness
- Extreme Heat Mitigation
- Enhanced Flood Protection
- Long-Term Adaptation to Sea-Level Rise
- Energy Grid Resilience



An aerial photograph of a park. A winding concrete path leads from the bottom left towards the top right. On the left side of the path is a large green lawn. On the right side, there is a circular playground with a wooden structure and a blue slide, surrounded by a light-colored mulch area. Further down the path, there is a small building with a green roof. The path continues past the building and ends near a parking lot at the bottom. The overall scene is bright and sunny, with shadows cast by the trees and the building.

Implementation & Monitoring

- Local adoption of the RCAAP (all 6 jurisdictions)
- Regionally-coordinated implementation strategy
- Ongoing Monitoring, Reporting, Updating
 - Periodic GHG inventory updates
 - Annual reporting on targets and key indicators
 - Periodic updates to RCAAP
- Order-of-magnitude cost estimates for limited subset of measures
 - 9 GHG measures and 10 adaptation measures
 - Important note: Not a full-scale cost estimate for entire plan.
- Potential funding & financing sources identified
 - Funding and financing strategy tied to timing and prioritization will be critical



Next Steps

- **Aug 1 – Sept 30, 2025:** Public Review & Comment Period
- Fall 2025 - Winter 2026: Review Comments, Prepare Final RCAAP, Complete Environmental Review Process
- Spring 2026: Adoption Hearings
- 2026 – 2045: RCAAP Implementation

Questions & Answers



Napa County

Board Agenda Letter

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Climate Action Committee

Agenda Date: 8/22/2025

File ID #: 25-1480

TO: Napa County Climate Action Committee

FROM: Brian D. Bordona, Director of Planning, Building, and Environmental Services

REPORT BY: Jesse Gutiérrez, Principal Planner, Sustainability

SUBJECT: Receive a presentation on the proposed implementation plan for the Napa Regional Climate Action and Adaptation Plan

RECOMMENDATION

PRESENTATION: Receive a presentation on the proposed implementation plan for the Napa Regional Climate Action and Adaptation Plan.

STAFF REQUEST: The Climate Action Committee to direct project staff to proceed with solicitation of scope of work for a regional implementation plan and prioritization strategy.

ENVIRONMENTAL IMPACT

ENVIRONMENTAL DETERMINATION: The proposed action is not a project as defined by 14 California Code of Regulations 15378 (State CEQA Guidelines) and therefore CEQA is not applicable.

BACKGROUND AND DISCUSSION

The Napa Regional Climate Action and Adaptation Plan (RCAAP) draft was made available for public review on August 1, 2025. A 60-day public comment period was established to allow for residents from all 6 jurisdictions to review and comment on the RCAAP. The Napa County Board of Supervisors on August 5, 2025, approved a contract amendment directing Ascent Environmental to begin preparation of an Initial Study CEQA document to support the RCAAP.

With these important phases of the RCAAP development underway, it is time for the Climate Action Committee (CAC), executive management and staff of the member jurisdictions, the County CEO's office, and project staff to begin solidifying a vision for a coordinated and collaborative path to accomplishing the strategies, measures and actions in the RCAAP. This vision can be achieved through the development of a

coordinated implementation plan.

All 6 jurisdictions in Napa have declared a climate emergency and agreed on the need to move forward implementation of the RCAAP with a sense of urgency to reduce Greenhouse Gas (GHG) emissions in the region and meet the established reduction targets as quickly as possible. This requires a strategic and coordinated approach that aligns and leverages regional collaboration and localized action across the Napa County Jurisdictions.

In addition to a detailed prioritization strategy, implementation of the RCAAP will require continuous and clear communication between all participating jurisdictions at the staff level. The members of the All Jurisdiction Working Group have a direct understanding of their jurisdiction's priorities and of their respective community's needs. The CAC and supporting County staff can bolster jurisdictional resources for tasks, but it will be imperative to have jurisdictional agency staff coordinating and communicating directly with their elected officials, executive management, and departments.

A Regional Implementation Strategy

Appendix H of the RCAAP provides specific implementation details for all GHG reduction and climate adaptation measures and actions. While the implementation matrices in the RCAAP identify applicable jurisdictions, potential partners, implementing mechanisms, and estimated timeframes, a more detailed and tailored strategy framework plan for implementing the RCAAP will be necessary.

A regional implementation plan can clarify coordination needs, identify responsible jurisdictions and departments, define roles, estimate implementation costs and staffing needs, develop funding roadmaps, and create a detailed prioritization strategy.

A regional implementation plan can strengthen the commitment of CAC member jurisdictions to delivering on the goals, measures, and actions in the RCAAP.

Funding and Financing

Implementation of the RCAAP will require many actionable steps that will need substantial funding, and a **coordinated regional investment strategy** will be essential to fully **define implementation priorities** and phasing.

Napa County jurisdictions should consider how to best leverage and prioritize existing local funding sources, while developing a strategy for securing new funding, such as state or federal grants, loans, or other special financing mechanisms, to support the longer-term investments required for successful RCAAP implementation. Appendix I of the RCAAP provides an assessment of funding and financing options identified as potential funding sources and financing mechanisms that could support implementation of the 9 priority measures for GHG reductions and 10 priority measures for climate adaptation. The scope of the cost assessment does not include cost estimates for all measures in the RCAAP and therefore does not represent a complete cost assessment for the entirety of the plan.

The Napa County Jurisdictions collectively have a responsibility to successfully implement the RCAAP, and as such, the preliminary cost assessment includes total costs regionwide for implementation of the selected measures as presented in the RCAAP, and costs are not estimated individually for any one jurisdiction, unless

specifically noted. No cost-sharing analysis was included in the scope of the preliminary cost assessment.

The funding and financing assessment identified the following specific steps that Napa County Jurisdictions can take in developing a long-term RCAAP investment strategy:

- Develop a **phased funding roadmap** that sequences implementation based on funding availability, project readiness, and potential for maximizing GHG reduction and community co-benefits
- **Prioritize actions that can be implemented relatively easily** by identifying projects that have the following characteristics:
 - Lower cost-barriers,
 - Existing staffing capacity to redirect toward implementation,
 - Capital improvements that can be included in respective jurisdictional CIPs.
- Determine if any **General Fund revenues** can be made available to fund any short- or long-term actions.
- **Evaluate the feasibility of establishing new or dedicated local funding sources**, including new taxes, assessments, fees, or utility surcharges earmarked for GHG reduction or climate adaptation efforts.
- **Pursue state and federal grants** by actively monitoring funding opportunities from existing or new programs. This will require jurisdictions to **build internal capacity or hire grant specialists** and **collaborate** across public agencies to increase competitiveness.
- **Utilize public financing tools**, such as climate resilience districts or other mechanisms.
- Attract private investment by pursuing **public-private partnerships** for targeted actions.
- **Coordinate via the Climate Action Committee and corresponding joint powers agreement** to align local funding priorities, pool match funding, and develop joint applications for regional-scale investments.

Community Engagement and Equitable Outcomes

Continued engagement with and active participation by the community is critical for the successful implementation of the RCAAP. Many of the measures and implementing actions in the RCAAP focus on increasing community awareness and participation in existing programs, as well as connecting the community with new information, tools, funding, and resources. Effective and long-term climate action and resilience building in the community depend on ongoing efforts that change the way individuals and businesses interact with the environment. Numerous measures require participation from residents, businesses, and visitors to be fully implemented, and the Napa County jurisdictions are committed to continuing outreach and engagement efforts through implementation, monitoring, and future plan updates, as outlined above.

This RCAAP was developed with equitable outcomes in mind, and as such, plan implementation will prioritize and be rooted in the principles of environmental justice and climate equity. Advancing equity in climate action and adaptation is an ongoing process that requires intentionality, collaboration, and accountability. By using

tools like MTC's Equity Priority Communities Map, NVTa's Community-Based Transportation Plans, California Healthy Places Index, California Climate Investments Priority Population Map, and California Communities Environmental Screening Tool during plan implementation, where appropriate, and through targeted interventions, Napa County jurisdictions can: (1) ensure that climate investments across the county provide meaningful benefits for those who need it most; and (2) build a future where all residents are better protected from climate change and have opportunities to thrive.

Monitoring and Updates

Implementation of the RCAAP will require regular monitoring and updates to ensure the plan is on target to achieve its near-term and long-term targets, while also remaining adaptable to new challenges and opportunities.

Monitoring efforts for the RCAAP will include tracking the status of implementation of each measure and associated actions, the effectiveness of the quantifiable GHG measures, and the progress in achieving GHG reductions.

Napa County Jurisdictions will update the RCAAP every five years. Minor updates or adjustments to implementing actions associated with individual measures may occur without updating the full RCAAP document, in response to annual monitoring and reporting activities.

CEQA GHG Analysis Tiering and Streamlining

Napa County Jurisdictions may use the RCAAP to streamline GHG analysis and mitigation for future discretionary projects undergoing environmental review. This streamlining benefit is enabled because the RCAAP meets the criteria for a qualified "plan for the reduction of greenhouse gases" under the CEQA Guidelines (i.e., Title 14, Division 6, Chapter 3 of the California Code of Regulations).

Next Steps

The RCAAP public draft is available on the project website - www.climateactionnapa.konveio.com <<http://www.climateactionnapa.konveio.com>> The public review and comment period is open from August 1 to September 30, 2025.

Review RCAAP and Appendices. Appendices are found in the Document Library on the project website.

Staff requests the CAC direct staff to proceed with solicitation of scope of work for a regional implementation plan and prioritization strategy.

Planning, Building & Environmental Services

Climate Action Committee (CAC)



Jesse Gutierrez & Ryan Melendez

August 22, 2025



Presentation and Requested Action

- RCAAP proposed implementation plan
- Endorse staff recommendation to move forward with request for scope of work for a regional implementation plan and prioritization strategy



RCAAP Implementation

- Leverages regional collaboration and localized action
- All Jurisdiction Working Group continues to be a conduit for clear communication and collaboration between the jurisdictions



A Regional Implementation Plan can...

- Clarify coordination needs
- Define roles and responsibilities
- Estimate implementation costs by jurisdiction
- Develop funding roadmaps
- Create detailed prioritization strategy



Source: City of American Canyon



Funding and Financing Assessment

- Appendix I of the RCAAP
- 9 priority GHG emissions reduction measures
- 10 priority Adaptation measures
- Total costs are regionwide for implementation of these measures
- Does not represent a complete cost assessment of entire plan
- Not all measures and actions will require new sources of funding and many will require community partnerships





Steps to a long-term investment strategy

- Develop a phased funding roadmap
- Prioritize actions that can be implemented more easily
- Can general fund revenues fund actions
- Establish new or dedicated local funding if feasible



Steps to a long-term investment strategy

- Pursue state and federal grants
 - Build internal capacity or hire grant specialists
 - Collaborate across public agencies and jurisdictions to increase competitive applications
- Public financing tools like climate resilience districts
- Public-Private Partnerships
- Align local funding priorities amongst JPA jurisdictions, pool match funding, joint applications for regional-scale investments





Community Engagement and Equitable Outcomes

- Plan implementation should prioritize the principles of environmental justice and climate equity
- Community engagement and community partnerships will be critical for success
- Long-term community resilience requires building ongoing relationships and efforts
- Numerous measures call for participation from residents, businesses and visitors



RCAAP Monitoring and Updates

- RCAAP updates can be expected every 5 years
- Minor updates or adjustments to implementing actions may occur without needing to update full RCAAP
- Monitoring efforts should track status of measures to achieve near-term and long-term targets
- Monitoring can track the effectiveness of GHG measures, and progress in achieving GHG reductions



Next steps

- Review and comment on the RCAAP public draft

<https://climateactionnapa.konveio.com/>

- Endorse staff recommendation to move forward with engaging Ascent for a scope of work for a regional implementation plan and prioritization strategy



Thank you

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11