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RMCP Committee Meeting Notice

Resource Management and Climate Protection Committee (RMCP)

Meeting Location:

155 Bovet Rd. - Ground Floor Conference Room San Mateo CA, 94402

Date: Wednesday, September 18, 2024 Time: 3:00 p.m.

HYBRID MEETING - IN-PERSON AND BY VIDEOCONFERENCE

This meeting of the RMCP Committee will be held in person and by teleconference pursuant to Government Code Section 54953(e). Members of the public will be able to participate in the meeting remotely via the Zoom platform or in person at the location above. The Committee welcomes comments, including criticism, about the policies, procedures, programs, or services of the agency, or of the acts or omissions of the Board and committees. Speakers shall not disrupt, disturb, or otherwise impede the orderly conduct of a Board meeting. For information regarding how to participate in the meeting, either in person or remotely, please refer to the instructions at the end of the agenda.

Join by Zoom:

https://us02web.zoom.us/j/84237646736?pwd=eUxkdkduTVpjWCtTVU4vMm9iWXlnZz09

Webinar ID: 842 3764 6736

Passcode: 923252

Join by Phone:

Call in Number: 669 900 6833 US (San Jose)

Webinar ID: 842 3764 6736

Passcode: 923252

Persons who wish to address the RMCP Committee on an item to be considered at this meeting, or on items not on this agenda, are asked to submit written comments to kspringer@smcgov.org. Spoken public comments, limited to 2 minutes, will also be accepted during the meeting through Zoom or in person. Please see instructions for written and spoken public comments at the end of this agenda.

AGENDA

- 1. Roll Call and introduction of new members.
- 2. Public Comments on items not on the agenda.
- 3. Approval of minutes of the May 15, 2024 and August 21 2024 RMCP Committee meetings.

 (Kim Springer, Committee Staff)

 Action
- 4. Presentation on Regionally Integrated Climate Action Planning Support emissions inventory history, process, and trends.

(Ryan Gardner, Rincon Consultants) Information/Discussion

- 5. Presentation on regional input for city- and county-level GHG emission inventories in development of statewide inventories by UC Berkeley Energy and Resources Group.

 (Chris Jones, UC Berkeley) Information/Discussion
- 6. Presentation on BAWSCA Regional Water Demand and Conservation Projections Study. (Negin Ashoori, BAWSCA)) Information/Discussion
- 7. Committee Member Updates
- 8. Next Scheduled Meeting Date: October 16, 2024

PUBLIC NOTICING: All notices of C/CAG regular Board meetings, standing committee meetings, and special meetings will be posted at the San Mateo County Courtyard, 555 County Center, Redwood City, CA, and on C/CAG's website at: http://www.ccag.ca.gov.

PUBLIC RECORDS: Public records that relate to any item on the open session agenda for a regular Board meeting, standing committee meeting, or special meeting are available for public inspection. Those public records that are distributed less than 72 hours prior to a regular Board meeting are available for public inspection at the same time they are distributed to all members, or a majority of the members, of the Board. The Board has designated the City/County Association of Governments of San Mateo County (C/CAG), located at 555 County Center, 5th Floor, Redwood City, CA 94063, for the purpose of making public records available for inspection. Such public records are also available on C/CAG's website at: http://www.ccag.ca.gov. Please note that C/CAG's office is temporarily closed to the public; please contact Mima Crume at (650) 599-1406 to arrange for inspection of public records. ADA REQUESTS: Persons with disabilities who require auxiliary aids or services to participate in this meeting should contact Mima Crume at (650) 599-1406 or mcrume@smcgov.org by 10:00 a.m. prior to the meeting date.

PUBLIC PARTICIPATION DURING HYBRID MEETINGS: During hybrid meetings of the C/CAG Board, members of the public may address the Board as follows:

WRITTEN COMMENTS: Written comments should be emailed in advance of the meeting. Please read the following instructions carefully:

- 1. Your written comment should be emailed to kspringer@smcgov.org.
- 2. Your email should include the specific agenda item on which you are commenting or note that your comment concerns an item that is not on the agenda.
- 3. Members of the public are limited to one comment per agenda item.
- 4. If your emailed comment is received at least 2 hours prior to the meeting, it will be provided to the RMCP Committee members, made publicly available on the C/CAG website along with the agenda. Emails received less than 2 hours before the meeting will be provided to the RMCP Committee members and included in the administrative record of the meeting as soon as practicable.

SPOKEN COMMENTS: Members of the public who wish to speak on matters not on the agenda will be given an opportunity to address the Committee during the agenda item titled "Public Comment on Items Not on the Agenda." Members of the public who wish to speak on a matter on the agenda will have two minutes each to address the Committee on that agenda item unless a different time limit is established by the Chair. No speaker who has already spoken on an item will be entitled to speak to that item again. At the call of the Chair, public comments will be taken in-person and remote. Public comments will be taken first by speakers in person followed by via Zoom. If you have documents you wish to distribute to the Committee and include in the official record, please hand it to the C/CAG Staff who will distribute the information to the Committee members and staff. *Those participating remotely will:

- 1. Access the meeting through Zoom at the online location or via phone as indicated at the top of this agenda.
- 2. Download the Zoom client or connect to the meeting using an internet browser. If using your browser, make sure you are using a current, up-to-date browser: Chrome 30+, Firefox 27+, Microsoft Edge 12+, Safari 7+. Certain functionality may be disabled in older browsers including Internet Explorer.
- 3. Enter an email address and name. We request that you identify yourself by your name as this will be visible online and will be used to notify you that it is your turn to speak.
- 4. Click on "raise hand" when the C/CAG Clerk or Chair calls for the item on which you wish to speak. The Clerk will activate and unmute speakers in turn. Speakers will be notified shortly before they are called on to speak. If calling in via phone, press *9 to raise your hand and when called upon press *6 to unmute.
- 5. When called, please limit your remarks to the time allotted. If you have any questions about this agenda, please contact C/CAG staff:

Executive Director: Sean Charpentier (650) 599-1409 Clerk of the Board: Mima Crume (650) 599-1406

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Draft Meeting Minutes of the

Resource Management and Climate Protection Committee (RMCP)

455 County Center, Rm. 101, Redwood City, CA 94063 Date: Wednesday, May 15, 2024 Time: 3:00 p.m.

Committee Members in Attendance:

Tom Francis – BAWSCA (Vice Chair)
Mary Hufty – Town of Portola Valley
Dave Pine – County of San Mateo
Kaia Aiken – City of Redwood City
Gina Papan – Millbrae
Sue Beckmeyer – Pacifica
Ortensia Lopez – El Concilio – online by AB 2449

Sarah Hubbard – Sustainable San Mateo County

Committee Members not in Attendance

Donna Colson – Burlingame (Chair) Jeff Smith – Sares Regis Group - online Bill Chiang - PG&E Alex Fernandez – Filoli

Additional Attendees

Sean Charpentier – C/CAG
Kim Springer – C/CAG
Susan Wright – County Sustainability Department
Avana Andrade – County Sustainability Department
Alhad Dighe – County Sustainability Department
Forest Abbott Lum – Rincon Consulting
Marc Hershman – Peninsula Clean Energy
Carl Schwab – Pacifica Resident
Reid Bogert – C/CAG

Speakers

Rachel Bennet - MIG

Note: All presentations for this meeting have been posted on the C/CAG RMCP Committee website: https://ccag.ca.gov/committees/resource-management-and-climate-protection-committee/

1. Roll Call and Introductions, including welcoming members recently appointed by the C/CAG Board to the RMCP Committee.

Committee staff completed Roll Call and a quorum of eight members was eventually achieved. Member Beckmeyer did not vote on the minutes.

2. Public Comments on items not on the agenda.

There were no public comments.

3. Approval of minutes of the April 17, 2024 RMCP Committee meeting.

Committee Member Papan motioned to approve the minutes of the April 17, 2024 RMCP Committee meeting, seconded by Member Hufty. A vote was taken and passed (7,0,0).

4. Receive a presentation on the C/CAG Strategic Plan development process and participate in a discussion on the proposed Agency mission, vision, core values, goals, objectives, and performance measures.

Rachel Bennet provided a presentation on C/CAG work towards completion of a Strategic Plan (Plan). Committee Members were asked to provide feedback on the Mission, Vision, and Goal #3 of the Plan, related to the Energy, Mitigation and Adaptation. The following were comment topics discussed by the Committee: inclusion of community health in the mission statement, potential to include stormwater and housing in the goal, affordability (of water) in the mission, inclusion of inclusivity in the equity Core Value. There were many positive comments on the work completed. Bennett form MIG, then moved to Goal #3, the Committee Members provided the following comments: The title to Goal #3 need to be enhanced and more specific, resilience is not a good word, needs more action, and include voices from the community in the goal (maybe it's "ensure" rather than enhance). Bennett moved on the goal specifics and the Committee Members had the following comments: consider some overarching themes, such as Equity, Affordability, to help with the goals. Committee Members were encouraged to provide comments, either now or during the draft document phase of the project.

5. Presentation on Sustainable San Mateo County programs and resources.

Sarah Hubbard, Executive Director of Sustainable San Mateo County, provided a presentation on the work of the organization. Hubbard started with the mission and vision and what all the organization addresses. The programs focus on Environment, Economy, and Equity, and Informing, Empowering, and Advocating, through a variety of resources and events. The topics discussed in the presentation are covered well in the presentation, which is posted on the C/CAG website for this meeting. The Committee Member provided comments on the various aspects of SSMC's resources. There were many positive comments.

6. Presentation on San Mateo County Building Decarbonization Strategy

Susan Wright, Programs Manager at the County Sustainability Department, provided an introduction of the history of intention to develop a countywide carbon neutrality plan for San Mateo County, which is intended to have multiple components, one of which is building decarbonization. The presentation on the County's effort, in coordination with partners, PCE, BayREN, and C/CAG to move building decarbonization forward to communication and programs for the public.

Alhad Dighe, Sustainability Specialist at County Sustainability Office, and Forest Abbott-Lum, Rincon Consulting, continued the rest of the presentation and used Mural Board to collect those comments.

7. Committee Member Updates

There were no Member comments.

8. Next Scheduled Meeting Date: June 19, 2024

Meeting adjourned at approximately 5:08 P.M.

Note: All presentations are posted on the C/CAG RMCP Website at:

 $\underline{https://ccag.ca.gov/committees/resource-management-and-climate-protection-committee/}$

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Draft Meeting Minutes of the

Resource Management and Climate Protection Committee (RMCP)

455 County Center, Rm. 101, Redwood City, CA 94063 Date: Wednesday, August 21, 2024 Time: 3:00 p.m.

Committee Members in Attendance:

Donna Colson – Burlingame (Chair) Mary Hufty – Town of Portola Valley Kaia Aiken – City of Redwood City Gina Papan – Millbrae Sue Beckmeyer – Pacifica

Alex Fernandez – Filoli

Committee Members not in Attendance

Tom Francis – BAWSCA (Vice Chair)

Jeff Smith – Sares Regis Group - online

Bill Chiang - PG&E

Dave Pine – County of San Mateo

Ortensia Lopez – El Concilio

Sarah Hubbard – Sustainable San Mateo County - online

Additional Attendees

Sean Charpentier – C/CAG Kim Springer – C/CAG Reid Bogert – C/CAG Dan Sternkopf – C/CAG

Susan Wright – County Sustainability Department Alhad Dighe – County Sustainability Department

Laura Wong – County Sustainability Department

Carrie Dallman - County Sustainability Department

Marc Hershman – Peninsula Clean Energy

Carol Steinfeld - Sierra Club, Loma Prieta

Peter Dreckmeier - Tuolumne River Trust

Christine Bowles - City of Pacifica

Speakers

Danielle McPherson - BAWSCA

Note: All presentations for this meeting have been posted on the C/CAG RMCP Committee website: https://ccag.ca.gov/committees/resource-management-and-climate-protection-committee/

Meeting was called to order at 3:09 P.M.

1. Roll Call and Introductions, including welcoming members recently appointed by the C/CAG Board to the RMCP Committee.

Committee staff completed Roll Call and six members were present, not representing a quorum.

2. Public Comments on items not on the agenda.

There were no public comments.

3. Approval of minutes of the May 15, 2024 RMCP Committee meeting.

The minutes of the May 15, 2024 were deferred to the next meeting due to lack of quorum.

4. Presentation on San Mateo County Energy Watch (SMCEW) PG&E-approved projects and progress towards deliverables year-to-date.

Susan Wright, Resource Conservation Programs Manager at the County Sustainability Department, introduced the item and Alhad Dighe and Laura Wong, also from County Sustainability Department, provided the presentation. The presentation included update on various projects related the SMCEW local government partnership between C/CAG and PG&E. The updates included a public information campaign, progress on meeting program goals for referrals of projects to PG&E contractors, a new approach to a quarterly facilities staff working group, the commercial kitchen electrification pilot, and some BayREN program update.

The Committee provided questions and comments, including may nonprofits participate in facility working group meetings, the location of the next working group meeting, thoughts on targeting specific commercial kitchen sectors, and how to influence markets for all electric kitchen equipment. Program staff asked a series of questions for feedback from the committee.

5. Presentation by Bay Area Water Supply and Conservation Agency on implementing "Making Conservation a California Way of Life".

Danielle McPherson, Senior Water Resources Specialist, at BAWSCA provided a presentation on implementation of new water regulations put into law in 2018; new standards were adopted in July 2024. The new standards fall on water providers for implementation and reporting, not water users. The standards include calculation of an urban water use objective, which includes indoor residential use, outdoor commercial use, and water losses. These four standards are used to calculate the Urban Water Use Objective. There is also a commercial performance measure, which includes a classification system, installation of dedicated irrigation meetings, and promoting of best practices. Finally, there are reporting requirements.

Because residential water use in SMC averages about 55 GPCPD, most of San Mateo County is close to meeting the new standard for residential use. There will need to be increasing conservation in future years to meet standards that will ultimately drop to 42 GPCPD. Regardless of the targets for reduction, McPherson suggested that this will call for a considerable number of staff to for city water suppliers and water agencies.

Committee member and the public provided comments and asked questions in follow up to the presentation, including could cities partner up and share resources for meeting standards and reporting, was this an unfunded mandate, is the State Water Board overseeing this regulation, how

does this apply to rural vs. urban water use, do golf courses full under the new regulations, a comment that there is need for SMC to do a better job of implementing best management practices on water conservation and renewed focus by C/CAG by establishing a water committee, and a comment that part of the reason that water use is so low in SMC is because water is so expensive, which is due to the high cost of maintaining our SFPUC water system being passed on to consumers, and the more consumers conserve, the more expensive water will become.

6. Presentation on State legislative efforts to reduce utility costs to consumers and concern for ongoing funding for public purpose programs.

Kim Springer, RMCP Committee staff, provided a short overview of actions being taken at the State level that are aimed at reducing consumer bills, that could put funding C/CAG receives for the SMCEW program at risk. Statewide energy efficiency program administrators have come together to educate the legislature of what defunding public purpose programs would mean for consumer, specifically hard to reach and low-income consumers. It appears the education worked, but this topic is likely to come in the next legislative session.

7. Update on C/CAG Strategic Plan.

C/CAG Executive Director, Sean Charpentier, provided an update on the delivery of a draft C/CAG Strategic Plan for public review. Staff will provide a link to the Strategic Plan draft and comment sheet after the meeting.

8. Committee Member Updates

Member Colson mentioned that PCE just delivered member grants to cities, and perhaps the Committee would be interested in what projects or programs were planned or implemented with those funds.

9. Next Scheduled Meeting Date: September 18, 2024

Meeting adjourned at approximately 4:37 P.M.

Note: All presentations are posted on the C/CAG RMCP Website at: https://ccag.ca.gov/committees/resource-management-and-climate-protection-committee/

C/CAG AGENDA REPORT

Date: August 21,2024

To: Resource Management and Climate Protection Committee

From: Susan Wright, County Sustainability Department

Subject: Presentation on Regionally Integrated Climate Action Planning Support emissions

inventory history, process, and trends.

(For further information contact Kim Springer at kspringer@smcgov.org)

RECOMMENDATION

Receive a presentation on Regionally Integrated Climate Action Planning Support emissions inventory history, process, and trends.

FISCAL IMPACT

None. Funds from the San Mateo County Energy Watch, PG&E local government partnership program cover the costs of the program. The RICAPS program is jointly funded through the SMCEW program, Peninsula Clean Energy, and C/CAG.

BACKGROUND/DISCUSSION

The San Mateo County Energy Watch local government partnership program between C/CAG and PG&E launched over 15 years ago in 2008. The program focuses on energy efficiency, and may also promote electrification, EV charging, and energy resilience at customer sites. C/CAG with PG&E, and the County's Sustainability Department (SUST) with C/CAG, are in contract for SUST to manage and staff the Program through December 2025. This program cycle, the SMCEW team has coordinated with both internal and external partners to provide technical and financial assistance in the small business, public school, and municipal sectors. The program collaborates closely with Peninsula Clean Energy. The Regionally Integrated Climate Action Planning Support (RICAPS) program provides technical assistance, a venue for collaboration, and resources to cities in San Mateo County to help evolve climate action and mitigation of GHG emissions countywide.

In 2009, the RICAPS program provided cities their first GHG emissions inventory for the calendar year 2005. This inventory would serve as a baseline for future inventories and provided a proxy back to 1990. In 2004 the California Air Resource Board (CARB), under new legislation AB 32, established a 2020-year statewide target back to 1990 emissions levels. AB 32 further required meeting a 40% reduction from 1990 levels by 2030. In San Mateo County, under the guidance and leadership of the County staff and C/CAG, most cities in San Mateo County, and the County established targets consistent with AB 32.

The next countywide effort to document an emission inventory for all cities and the County in San Mateo County came in 2010. County staff, with technical consultant support, provided

emission inventories for all cities. Inventories for all cities were provided annually for many years to follow, with the most recent inventory year being 2021.

Through the years, both changes in best practice methodologies and data source availability have created challenges in developing consistent approaches to developing emission inventories. In some cases, the challenges have required "back casting" previous inventories for consistency. Through the years, emissions have been reduced in San Mateo County through state, regional, and local actions. The establishment of Peninsula Clean Energy, and the resulting lower emissions electricity source for San Mateo County, has played a large part in those reductions, and spurring electrification.

Susan Wright, Resource Conservation Programs Manager at the County's Sustainability Department, and staff will introduce County and Rincon Consultants staff, who will provide a presentation on the RICAPS emission inventory history, process, and trends, as well as the challenges of changing data access and sources and best practice methodologies.

EQUITY IMPACTS AND CONSIDERATIONS

The C/CAG San Mateo County Energy Watch program provides energy efficiency opportunities to hard-to-reach small business customers, defined as renting of leasing space, English as a second language, and fewer than ten employees. The Energy Watch program engages with and funds the efforts of community-based organizations working in communities on behalf of the Program.

ATTACHMENTS

None.

C/CAG AGENDA REPORT

Date: September 18, 2024

To: Resource Management and Climate Protection Committee

From: Chris Jones, UC Berkeley

Subject: Presentation on regional input for city- and county-level GHG emission

inventories in development of statewide inventories by UC Berkeley Energy and

Resources Group.

(For further information contact Kim Springer at kspringer@smcgov.org)

RECOMMENDATION

Receive a presentation on regional input for city- and county-level emission inventories in development of statewide inventories by UC Berkeley Energy and Resources Group.

FISCAL IMPACT

None

BACKGROUND/DISCUSSION

The UC Berkeley Renewable and Appropriate Energy Laboratory has received a grant through the UC Climate Action Research Initiative to develop tools to remove common obstacles for city and county climate action. The grant funded project scope includes traditional (resource-based) and consumption-based greenhouse gas emissions inventories for all local governments in California, a policy analysis tool for common climate action measures, and a series of articles on climate data and action through the School of Journalism. The eventual tools also seek to integrate critical environmental, social, and economic performance indicators, such as historical energy burdens, vulnerable populations, and green jobs. The UC Berkeley project team's technical work is being guided by an advisory committee on inventory methodology and policy and other intervention options and impact estimation tools.

CivicWell and StopWaste are supporting the research team by coordinating local government engagement. C/CAG staff, Kim Springer, and County Sustainability Department staff, Susan Wright, have been able to attend most of the meetings to help represent San Mateo County perspectives and experience in development of local community-based inventories for San Mateo County. Participation in a regional meetings, in support of this project, has involved a commitment to attend approximately 10 meetings over 11 months. The regional meetings have also included state and other local leaders from the climate action planning and mitigation communities. Kim Springer also co-presented on this project in Palm Springs at the annual California Climate and Energy Conference in June 2024.

To date, February through August 2024, the committee has met eight times covering the following topics related to emission inventories and emission reduction measures: building methods, transportation measures, transportation methods, grid emissions factors, waste and

materials GHG quantification methods, and waste and materials policies and measures.

Dr. Chris Jones, Director of the CoolClimate Network, which is an applied research consortium at the UC Berkeley Renewable and Appropriate Energy Laboratory, and Miya Kitahara, Program Manager at StopWaste Alameda County, will provide a presentation on this effort to create annual emission inventories for all cities and counties in the State. Inventories will likely be provided on an opt-in basis to cities and counties across the State.

A link to the CoolClimate Berkeley website, where committee members can view some of the projects completed to date by the consortium, is provided as an attachment to this staff report.

EQUITY IMPACTS AND CONSIDERATIONS

This project of UC Berkeley will consider energy burden and vulnerable populations. The possibility of local governments, especially small local governments in under resourced communities, being provided the data and complete emission inventory, will support those communities' ability to focus resources on other, more urgent community needs or actions to reduce climate pollutants.

ATTACHMENTS

1. Link to CoolClimate Berkeley: https://coolclimate.berkeley.edu/

C/CAG AGENDA REPORT

Date: September 18, 2024

To: Resource Management and Climate Protection Committee

From: Negin Ashoori, BAWSCA

Subject: Presentation on BAWSCA Regional Water Demand and Conservation Projections

Study.

(For further information contact Kim Springer at kspringer@smcgov.org)

RECOMMENDATION

Receive a presentation on BAWSCA Regional Water Demand and Conservation Projections Study.

FISCAL IMPACT

None

BACKGROUND/DISCUSSION

The Bay Area Water Supply and Conservation Agency (BAWSCA) has coordinated regional water demand and conservation projections for its members agencies' since 2002. Since 2015, BAWSCA has completed these projection projects on five-year cycles to support regional planning efforts and to facilitate its member agencies' preparation of Urban Water Management Plans (UWMP).

BAWSCA completed its Regional Water Demand and Conservation Projections Project in 2020 (2020 Demand Study) and, due to additional information becoming available, adopted urban water management plans by water agencies, Regional Housing Needs projections, and new State water efficiency regulations (presented at the August 2024 RMCP Committee meeting), BAWSCA staff updated the 2020 Demand Study in 2022. A link to the 2022 Demand Study Update is provided as an attachment to this staff report.

BAWSCA is in the process of undertaking a new, 2025 Regional Water Demand and Conservation Project Study. Negin Ashoori, Senior Water Resources Engineer, will provide an overview of BAWSCA's history of evolving demand forecasting models and the challenges of predicting the future when water demand behaviors keep changing. Ashoori will also detail the reasoning and methodology on BAWSCA's latest and planned demand study.

EQUITY IMPACTS AND CONSIDERATIONS

The specific topic of this staff report, BAWSCA's Regional Water Demand and Conservation Study, is not a specific C/CAG program. However, past C/CAG efforts to obtain funding for water conservation programs in San Mateo County have included equity and inclusion as specific design criteria in the proposed grant applications. The results of this Study could support future grant applications.

ATTACHMENTS

1. Link to 2022 BAWSCA Regional Water Demand and Conservation Projects Update