

C/CAG

CITY/COUNTY ASSOCIATION OF GOVERNMENTS OF SAN MATEO COUNTY

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Committee Meeting Notice

Resource Management and Climate Protection Committee (RMCP)

Date: Wednesday, **October 20, 2021**

Time: 3:00 p.m.

Location: Remote meeting via Zoom link below

On September 16, 2021, the Governor signed AB 361, which amended certain provisions of the Ralph M. Brown Act in order to allow for local legislative bodies to conduct their meetings remotely via telephonically or by other electronic means under specified circumstances. Thus, pursuant to Government Code section 54953(e), C/CAG Committee meetings will be conducted via remote conferencing. Members of the public may observe or participate in the meeting remotely via one of the options below.

Join by Zoom:

<https://us02web.zoom.us/j/81592976513?pwd=cExkVkl6d3N4ZzIjVTJiViZlJTdzJlZz09>

Meeting ID: **815 9297 6513**

Password: **510953**

Join by Phone:

Call in Number: **(669) 900-6833**

Meeting ID: **815 9297 6513**

Find your local number: <https://us02web.zoom.us/j/81592976513?pwd=cExkVkl6d3N4ZzIjVTJiViZlJTdzJlZz09>

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 will also be accepted during the meeting through Zoom. Please see instructions for written and spoken public comments at the end of this agenda.

1. Brief Overview of Teleconference Meeting Procedures
2. Roll Call and Introductions
3. Public Comments on items not on the agenda
4. Approval of minutes of August 18, 2021 RMCP Committee meeting
(Kim Springer – Committee Staff) Action

5. Update on BayREN single-family residential electrification case studies project.
(Josie Gaillard, Tom Kabat – Consultants) Information/Discussion
6. Presentation from two San Mateo County cities on public meeting and study session feedback to draft single-family residential electrification policies.
(Veronika Vostinak – City of Half Moon Bay)
(Rebecca Lucky – City of Menlo Park) Information/Discussion
7. Presentation on equity perspectives of single-family decarbonization from the Regional BayREN Forum on September 1, 2021.
(Denise Lin, County OOS) Information/Discussion
8. Presentation on model water conservation ordinances in development by the Sierra Club
(Carol Steinfeld – Loma Prieta Chapter) Information/Discussion
9. Bay Area Water Supply and Conservation Agency update on Water Supply Reliability Roundtable and drought in San Mateo County.
(Tom Francis – BAWSCA) Information/Discussion
10. Committee Member Updates
11. Next Scheduled Meeting Date: November 17, 2021

PUBLIC NOTICING: All notices of C/CAG regular Board meetings, standing committee meetings, and special meetings will be posted at the San Mateo County Transit District Office, 1250 San Carlos Ave., San Carlos, 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 regularly scheduled 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 or committee. 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 Guilles at (650) 599-1406 to arrange for inspection of public records.

PUBLIC PARTICIPATION DURING VIDEOCONFERENCE MEETINGS: Persons with disabilities who require auxiliary aids or services to participate in this meeting should contact Kim Springer (650)393-9359, five working days prior to the meeting date.

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 with the subject line: “RMCP Written Comments.”
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 C/CAG Board members, made publicly available on the C/CAG website along with the agenda., and read aloud by C/CAG staff during the meeting. 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 will be accepted during the meeting through Zoom. Please read the following instructions carefully:

1. The RMCP Committee meeting may be accessed through Zoom at the online location indicated at the top of this agenda.
2. You may 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. You will be asked to 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. When the Committee Chair calls for the item on which you wish to speak, click on “raise hand.” The Committee staff or Chair will activate and unmute speakers in turn. Speakers will be notified shortly before they are called on to speak.
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 scharpentier@smcgov.org

RMCP Committee Staff: Kim Springer kspringer@smcgov.org

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Meeting Minutes

Resource Management and Climate Protection Committee (RMCP)

Date: Wednesday, August 18, 2021

1. Roll Call – Introductions

Staff completed the roll call of Committee Members with the following quorum:

Committee Members in Attendance:

Maryann Moise Derwin - Portola Valley
Rick DeGolia - Atherton
Tom Francis – BAWSCA
Jeff Smith – Sares Regis Group
Don Horsley - San Mateo County Supervisor
Christine Kohl-Zaugg – Sustainable San Mateo County
Diane Papan – San Mateo
Ortensia Lopez - El Concilio

Not in Attendance

Donna Colson – Burlingame
Drew Combs - Menlo Park
Deborah Ruddock – Half Moon Bay
Alex Fernandez - Filoli
Bill Chiang - PG&E

Additional Attendees

Nicole Sandkulla - BAWSCA
Sean Charpentier – C/CAG
Kim Springer – C/CAG
Laura Allen – Graywater Action
Susan Wright – Office of Sustainability
Chris Hunter – Don Horsley’s Office
Bob Cormia – Foothill College Faculty
Drew – Member of Public
Michael Barber – Supervisor Pine’s Office
Carol Steinfeld – Sierra Club
Danielle McPherson

A quorum of eight was achieved.

2. Public Comment

There were no public comments.

3. Approval of Minutes from July 21, 2021 RMCP Committee meeting.
(Kim Springer – Committee Staff) Action

Motion: Tom Francis Second: Diane Papan

The minutes were unanimously approved with two abstentions: Horsley, Zaugg.

4. Review of draft scope of services for integrating equity into C/CAG's programs.
(Kim Springer – Committee Staff) Information/Comment

Kim Springer presented the draft scope of service intended to be released as an eventual RFP for consulting services to support assessment and integration of equity into C/CAG's programs, for comment. The draft scope of services is included in the meeting packet.

Committee members asked questions and gave comments to staff.

5. Presentation on integration of Hydrogen as building power backup and energy management.
(Darin Painter, Plug Power) Information/Discussion

Darin Painter from Plug Power gave a presentation on Plug Power's various projects related to building Hydrogen infrastructure for various industries and responded to questions and comments from committee members, staff, and the public. Plug Power is working to achieve 100% green hydrogen supply by 2025 and has multiple products that can scale with project installation needs.

6. Presentation on addressing water quality and design when promoting residential graywater systems.
(Laura Allen, Greywater Action) Information/Discussion

Laura Allen, from Greywater Action provided a presentation on gray water systems, the contaminants that should be considered, some of the rules in the codes, the appropriate landscaping and, in general, the kind of education homeowners need in order to implement a system. Allen responded to questions raised by the committee, staff, and the public.

7. Committee Member Updates

Zaugg: mentioned SSMC Happy Hour event and provided a link in chat.

8. Next Scheduled Meeting Date: September 15, 2021

C/CAG AGENDA REPORT

Date: October 20, 2021
To: Resource Management and Climate Protection Committee
From: Josie Gaillard and Tom Kabat, OOS Project Consultants
Subject: Update on BayREN single-family residential electrification case studies project.

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

RECOMMENDATION

Receive an update on BayREN single-family residential electrification case studies project.

FISCAL IMPACT

None. Funding has been provided by ABAG for this project, to the County Office of Sustainability (OOS).

BACKGROUND/DISCUSSION

The Bay Area Regional Energy Network (BayREN) is a collaboration of the nine counties in the San Francisco Bay Area. The program is led by the Association of Bay Area Governments (ABAG) and provides regional-scale energy efficiency programs, services, and resources. BayREN is funded by utility ratepayer funds through the California Public Utilities Commission, as well as other sources.

The County Office of Sustainability (OOS) contracts with ABAG for BayREN programs in San Mateo County. The Program is contracted through the current program cycle, calendar years 2020 - 2022. The BayREN program has many sub-programs being delivered in San Mateo County, including single family, residential green labeling, multifamily, water/energy nexus, commercial, and codes and standards.

At the January 20, 2021 RMCP Committee meeting, staff reported on a project to develop single-family home electrification case studies. The case studies will evaluate the challenges, opportunities, and costs of individual electrification elements (heat pump water heater, electric dryer, etc.) as well as those for adding solar, battery storage, and electric vehicle charging. At the March 17, 2021 RMCP Committee meeting, Susan Wright (OOS) updated the committee on the proposed structure of the RFP and contract for the consultant's role in the project. This month, Josie Gaillard and Tom Kabat, selected consultants to the project, will provide an update on the project, early lessons learned as the case studies work finishes up, and next steps to completion.

ATTACHMENTS

None.

C/CAG AGENDA REPORT

Date: October 20, 2021
To: Resource Management and Climate Protection Committee
From: Rebecca Lucky, City of Menlo Park
Veronika Vostinak, City of Half Moon Bay
Subject: Presentation from two San Mateo County cities on public meeting and study session feedback to draft single-family residential electrification policies.

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

RECOMMENDATION

Receive a presentation from two San Mateo County cities on public meeting and study session feedback to draft single-family residential electrification policies.

FISCAL IMPACT

None

BACKGROUND/DISCUSSION

Providing leadership in San Mateo County, and in alignment with their adopted/prospective climate action plan goals, the cities of Menlo Park and Half Moon Bay have developed draft building electrification polices, which are now being vetted through both their councils and the public.

Rebecca Lucky, Sustainability Manager at the City of Menlo Park, and Veronika Vostinak, Sustainability Analyst at the City of Half Moon Bay, will share an overview of their proposed ordinances and “hurdles”, such as: basic education of the public, the current environment around electricity stability, to moving the policy forward to adoption.

ATTACHMENTS

None

C/CAG AGENDA REPORT

Date: October 20, 2021
To: Resource Management and Climate Protection Committee
From: Denise Lin, County Office of Sustainability
Subject: Presentation on equity perspectives of single-family decarbonization from the Regional BayREN Forum on September 1, 2021.

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

RECOMMENDATION

Receive a presentation on equity perspectives of single-family decarbonization from the Regional BayREN Forum on September 1, 2021.

FISCAL IMPACT

None

BACKGROUND/DISCUSSION

On September 1, 2021, the County Office of Sustainability (OOS), as San Mateo County's local partner to the Bay Area Regional Energy Network (BayREN), presented a Regional Forum: "Decarbonizing Bay Area Homes: Homeowner and Policymaker Perspectives". The Regional Forum discussed the nuances of decarbonizing single-family homes in the Bay Area, including technical challenges and equity considerations.

Denise Lin, Senior Resource Conservation Specialist at OOS, who organized the Regional Forum, will provide a presentation on the equity perspectives provided (mainly) by two presenters, Doug Fowler, Habitat for Humanity, and Katie Van Dyke, City of Berkeley.

An additional equity presentation was provided by Carmelita Miller, Greenlining Institute, at the Regional Forum, as well as other presentations. All can be viewed at the link to the Regional Forum event website, which is provided as an attachment to this staff report.

ATTACHMENTS

Link to Regional Forum event website: https://www.bayrencodes.org/el_events/regional-forum-decarbonizing-bay-area-homes-homeowner-and-policymaker-perspectives/

C/CAG AGENDA REPORT

Date: October 20, 2021
To: Resource Management and Climate Protection Committee
From: Carol Steinfeld, Water Committee Volunteer, Loma Prieta Chapter Sierra Club
Subject: Presentation on model water conservation ordinances in development by the Sierra Club.

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

RECOMMENDATION

Receive a presentation on model water conservation ordinances in development by the Sierra Club.

FISCAL IMPACT

None

BACKGROUND/DISCUSSION

At the July 21, 2021 RMCP Committee meeting, the Committee received a presentation on the reuse of non-potable water in residential and commercial settings as well as the regulations for various non-potable end uses. At the August 18, 2021 RMCP Committee meeting, the Committee received a presentation on addressing water quality and design considerations for a residential gray water system. As the SFPUC discusses extended drought scenarios and potential curtailments, development of approaches to water-supply reliability become more important to communities in San Mateo County and other areas of the state.

For this meeting, Carol Steinfeld, regular RMCP Committee attendee, author, and co-chair of the Water Committee of the Sierra Club Loma Prieta Chapter, will present briefly on model water conservation ordinances being developed by the Sierra Club, implementation considerations, and specifics of implementing graywater system regulations.

ATTACHMENTS

None

C/CAG AGENDA REPORT

Date: October 20, 2021
To: Resource Management and Climate Protection Committee
From: Tom Francis, BAWSCA, RMCP Committee Member
Subject: Bay Area Water Supply and Conservation Agency update on Water Supply Reliability Roundtable and drought in San Mateo County.
(For further information contact Kim Springer at kspringer@smcgov.org)

RECOMMENDATION

Receive an update on Water Supply Reliability Roundtable and drought in San Mateo County.

FISCAL IMPACT

None

BACKGROUND/DISCUSSION

The Bay Area Water Supply and Conservation Agency (BAWSCA), which represents the 26 wholesale customers of the San Francisco Regional Water System, has been working with C/CAG staff and member of the public, Carol Steinfeld, to finalize an outline of Water Supply Reliability Roundtable meetings, which would hold its first meeting later this year.

Tom Francis, who last presented to the RMCP Committee on July 21, 2021, will present an update on the Roundtable and the current drought situation in San Mateo County.

ATTACHMENTS

None