Pursuant to the Americans with Disabilities Act, the City of Beverly Hills will make reasonable efforts to accommodate persons with disabilities. If you require special assistance, please call (310) 288-2864 or (310) 285-6881 (TTY). Providing at least forty-eight (48) hours advance notice will help to ensure availability of services. City Hall, including the Municipal Gallery, is wheelchair accessible. The City Municipal Gallery is equipped with audio equipment for the hearing impaired.

CITY OF BEVERLY HILLS
Municipal Gallery
455 North Rexford Drive
Beverly Hills, CA 90210

In-person /Telephonic / Video Conference Meeting

CLIMATE ACTION AND ADAPTATION PLAN COMMUNITY ADVISORY COMMITTEE

AGENDA

Wednesday, July 27, 2022
2:00 p.m.

Pursuant to Government Code Section 54953, members of the Beverly Hills Climate Action and Adaptation Plan Community Advisory Committee and staff may participate in this meeting in-person or via a teleconference. In the interest of maintaining appropriate social distancing, members of the public can participate in the meeting by using the link or phone numbers below.

Anyone who participates at the meeting and/or enters the Municipal Gallery is subject to having their image and/or voice displayed. These recordings will remain publicly accessible in perpetuity.

How to Submit a Public Comment:
Audio/oral: 1 (346) 248-7799 US or 1 (833) 548-0276 US Toll-free
Email: bhcaap@beverlyhills.org
Video: https://beverlyhills-org.zoom.us/my/climate
Meeting ID: 410 081 2952
Passcode: 90210
To watch video live: https://www.beverlyhills.org/live
In-Person: Submit a Speaker Card to the Recording Secretary

It is recommended that written public comments be submitted to the Climate Action and Adaptation Plan Community Advisory Committee Recording Secretary by 11:30 AM on the meeting date. Public comments will also be taken during the meeting when the topic is being reviewed by the Climate Action and Adaptation Plan Community Advisory Committee. Written comments should identify the Agenda Item number or topic in the subject line of the email.

In order to be read at the meeting, written comments will be allowed with a maximum of 350 words, which corresponds to approximately three (3) minutes of speaking time. If a comment is received after the agenda item is heard, it will not be a part of the record.

The Committee may act on any item listed on the agenda.

Recordings of meetings are available online within three business days of the meeting. Visit www.beverlyhills.org to access those recordings.
OPEN MEETING

ROLL CALL

COMMUNICATIONS FROM THE AUDIENCE

Comment: Members of the public will be given the opportunity to directly address the Committee regarding any items not on the Agenda that are within the subject matter jurisdiction of the Committee. By State law, the Committee may not discuss or vote on items, not on the Agenda.

1. APPROVAL OF THE JUNE 27, 2022 HIGHLIGHTS

2. A RESOLUTION OF THE CLIMATE ACTION AND ADAPTATION PLAN COMMUNITY ADVISORY COMMITTEE OF THE CITY OF BEVERLY HILLS CONTINUING TO AUTHORIZE PUBLIC MEETINGS TO BE HELD VIA TELECONFERENCE PURSUANT TO GOVERNMENT CODE SECTION 54953(E) AND MAKING FINDINGS AND DETERMINATIONS REGARDING THE SAME

Comment: Recent legislation was adopted allowing Climate Action and Adaptation Community Advisory Committee to continue virtual meetings during the COVID-19 declared emergency subject to certain conditions and the proposed resolution implements the necessary requirements.

3. FINAL GREEN HOUSE GAS EMISSION MITIGATION MEASURES

Comment: Staff recommends that the Community Advisory Committee (CAC) approve the final greenhouse gas (GHG) mitigation measures and Commissioners report to their respective commissions regarding the approved measures between the months of August and October. The final GHG mitigation measures will be incorporated in the draft Climate Action and Adaptation (CAAP) report that will be presented to the CAC, tentatively scheduled for December.

4. CLIMATE CHANGE ADAPTATION MEASURES

Comment: Staff recommends that the Community Advisory Committee (CAC) approve the final adaptation measures to be included in the draft Climate Action and Adaptation (CAAP) report. The final adaptation measures will be incorporated in the draft Climate Action and Adaptation (CAAP) report that will be presented to the CAC, tentatively scheduled for December.

5. ADDITIONAL FULL-TIME POSITION ASSESSMENT TO IMPLEMENT THE CLIMATE ACTION AND ADAPTATION PLAN

Comment: Staff is recommending that the Community Advisory Committee (CAC) make a recommendation to include a full-time position to implement the Climate Action and Adaptation Plan (CAAP) and it will be at the City Manager’s Office discretion to implement the recommendation after the adoption of the CAAP.

6. COMMUNITY ENGAGEMENT EVENT UPDATES- MOVIE NIGHT

Comment: This item is for information and discussion. Staff and Community Advisory Committee (CAC) members will provide an update on the Movie Night event.

7. BEVERLY HILLS TRANSIT SYSTEM STUDY

Comment: This report is for information and discussion purposes.

8. CHAIR’S REPORT

9. DIRECTOR’S REPORT

ADJOURNMENT

If there are any questions about this agenda, please contact Melissa Gomez at 310-288-2864 or mgomez@beverlyhills.org.
Item 1
MEETING CALLED TO ORDER
Date / Time: June 27, 2022 / 1:00 PM


City Staff: Director of Public Works Shana Epstein, Environmental Compliance and Sustainability Program Manager Josette Descalzo, Senior Management Analyst Melissa Gomez, Utilities General Manager Robert Welch, Assistant Director of Public Works Darren Grilley, and CivicSpark Fellow Tory Brewster.

Consultants: Raimi Associates consultant Walker Wells and Sami Taylor.

COMMUNICATIONS FROM THE AUDIENCE
Members of the public were allowed to directly address the Committee on any item listed on the agenda.

David Gingold advocated for a fair and inclusive discussion regarding transportation planning for local schools. Gingold expressed concern that Commissions in the City have unfairly blamed traffic on the Hillel Hebrew Academy. Gingold expressed concern that car travel to the school would be restricted (in the form of buses or mandatory carpools) without providing additional resources to the school.

1) APPROVAL OF APRIL 27, 2022, HIGHLIGHTS

Motion: MOVED by Sandra Aronberg, SECONDED by Myra Demeter to approve the Resolution as presented (11/0).

AYES: All members of the Committee verbally approved the Resolution.

ABSTAIN: None

NOES: None
2) A RESOLUTION OF THE CLIMATE ACTION AND ADAPTATION PLAN COMMUNITY ADVISORY COMMITTEE OF THE CITY OF BEVERLY HILLS AUTHORIZING PUBLIC MEETINGS TO BE HELD VIA TELECONFERENCING PURSUANT TO GOVERNMENT CODE SECTION 54953(E) AND MAKING FINDINGS AND DETERMINATIONS REGARDING THE SAME

Motion: MOVED by Lee Hilborne, SECONDED by Sharon Ignarro to approve the Resolution as presented (11/0).

AYES: All members of the Committee verbally approved the Resolution.

ABSTAIN: None

NOES: None

CARRIED

3) DRAFT GREENHOUSE GAS EMISSION MITIGATION MEASURES

Raimi associates Sami Taylor and Walker Wells presented information on the newly drafted GHG measures and requested input from CAC members regarding the prioritization of measures to reach the goal of carbon neutrality.

Mitigation Measures
Walker Wells reviewed the six foundational mitigation measures, the top-scoring greenhouse gas (GHG) mitigation measures, and additional measures that were put together based on the feedback received from the CAC. Additional transportation measures were discussed.

Sectors
Sami Taylor reviewed the foundation mitigation strategies from four sectors; clean energy buildings, transportation, and solid waste. Sami Taylor reviewed the difference between phasing in measures and mandating measures.

Public Comment
David Gingold disapproved of policies that would discourage car usage and encouraged the City to incorporate wildfire preparedness while discussing transportation.

Steve Mayer requested information about infrastructure costs and alternative funding for changing the mode of transportation.

Discussion
CAC members requested emergency preparedness plans if the City encourages people to drive less. Members discussed additional transportation measures. Members asked for sensitivity around parking since multi-family residents have limited parking. Further members asked the City to consider whether residents would want to prioritize bike lanes over parking.

4) CLIMATE CHANGE ADAPTATION MEASURES

Raimi and associates consultant, Robyn Wong, presented the draft adaptation measures and input was received from the CAC.

**Adaptation Measures**
The consultant discussed information about potentially vulnerable community assets, including vulnerable populations, transportation assets, and critical infrastructure. The consultant reviewed the vulnerability assessment methodology, such as interviewing asset managers and reviewing existing City work/plans. Further, the consultant discussed the feedback from the CAC, the City's policy gaps on climate hazards, sectors that the adaptation measures fell into, and explained the purpose of each sector.

**Public Comment**
David Gingold expressed doubt that community members' actions contributed to the drought. Further, Gingold advocated that community members view the safety of car travel in high regard. Gingold expressed further concern about wildfire safety and would like discussions about transportation and mode shift to reflect this concern.

**Discussion**
Members asked that the City consider hiring a full-time staff member to implement the CAAP. Further, members requested other considerations for the CAAP, such as tying sewage fees to water fees, making solar permitting easier, and building incentives for businesses.

5) COMMUNITY ENGAGEMENT EVENT UPDATES

Environmental Compliance and Sustainability Program Manager Josette Descalzo informed the Committee about upcoming community engagement events.

**Climate Action Movie Night**
- Date: Wednesday, July 20
- Time:
  - Festivities start at 6 PM
  - Movie screens at 7 PM
- Film: Ice on Fire

6) BEVERLY HILLS TRANSIT SYSTEM STUDY
This item is for information only. The Assistant Director of Public Works, Darren Grilley, discussed the upcoming survey and public meeting coming up in mid-July. The survey will wrap up around September/October. A consultant is reviewing the previous studies, researching what other cities are doing, and obtaining public outreach from the community at large, businesses, resident groups, the chamber of commerce, and local schools to identify the needs in the community. The consultant is also looking into what current transit riders are looking for in an expanded system, what potential riders are looking for, and what obstacles prevent ridership.

**Public Comment**
David Gingold expressed that the current public shuttle services can take two hours to drop off community members. Gingold expressed that this was not a reliable service for community members to use for appointments. Further, Gingold expressed that within an 8-hour day, the shuttle service is used on average by five community members. Gingold disapproved of future investments in added local shuttles if the current services are not being utilized enough.

Steve Mayer suggested that a transit study survey should be broken up by existing users and potential users because they have different concerns. Mayer expressed interest in knowing price elasticity. Other Cities like West Hollywood do not charge, metro charges with a sliding scale, so Meyer wanted to know how much people were paying for the transit service. Mayer requested that the survey consider the quality of life issues, the importance of safety, and the importance of cleanliness to riders. Mayer requested further discussion about the route of the shuttle being East/West and North/South routes versus a circuitous route.

**CAC Comments**
CAC members requested more information about the timeline for the implementation of the transit program. Darren Grilley clarified that an implementation timeline could not be decided until the study was completed. The program is expected to be implemented in the 2023 fiscal year. CAC members advocated that parents for local schools provide feedback for the study.

7) **CHAIRS REPORT**

   **Item Was Not Discussed**

8) **DIRECTOR’S REPORT**

Utilities General Manager Robert Welch highlighted future events CAC members could attend and participate in and reviewed the timeline and plan for the CAC.

**Events**
• The Public Works Commission, on July 21, 2022, will introduce the Single-Use Plastic and Styrofoam Ordinance framework.
• The Traffic and Parking Commission, on July 7, 2022, will receive an update on the transit study.

ADJOURNMENT
Date / Time: June 27, 2022/ 2:59 PM
Item 2
CITY OF BEVERLY HILLS
PUBLIC WORKS DEPARTMENT

MEMORANDUM

TO: Climate Action and Adaptation Plan (CAAP) Community Advisory Committee (CAC)

FROM: Josette Descalzo, Environmental Compliance and Sustainability Programs Manager

DATE: July 27, 2022

SUBJECT: A Resolution of The Climate Action and Adaptation Plan Community Advisory Committee of the City of Beverly Hills Authorizing Public Meetings to be held via Teleconferencing Pursuant to Government Code Section 54953(e) and Making Findings and Determinations Regarding the Same

ATTACHMENT: 1. Resolution

RECOMMENDATION

Staff and the City Attorney’s office recommend that the Climate Action and Adaptation Plan Community Advisory Committee adopt a resolution making the following findings so that meetings of the Climate Action and Adaptation Plan Community Advisory Committee will be subject to the special Brown Act requirements for teleconference meetings: (1) the Climate Action and Adaptation Plan Community Advisory Committee has reconsidered the circumstances of the COVID-19 state of emergency; (2) the state of emergency continues to directly impact the ability of the members to meet safely in person; and (3) state or local officials continue to impose or recommend measures to promote social distancing.

INTRODUCTION

Governor Newsom recently signed new legislation (AB 361) allowing the Climate Action and Adaptation Plan Community Advisory Committee to continue virtual meetings during the COVID-19 declared emergency subject to certain conditions. These special requirements give the City greater flexibility to conduct teleconference meetings when there is a declared state of emergency and either social distancing is mandated or recommended, or an in-person meeting would present imminent risks to the health and safety of attendees.

BACKGROUND

On March 4, 2020, Governor Newsom proclaimed a state of emergency to exist in California due to the spread of COVID-19. The Governor subsequently issued numerous executive orders suspending or modifying state laws to facilitate the response to the emergency. Among other things, these executive orders superseded certain Brown Act requirements and established special rules to give local public agencies greater flexibility to conduct teleconference meetings. Those special rules expired on September 30, 2021.
On September 16, 2021, in anticipation of then-imminent expiration of his special rules for teleconference meetings, the Governor signed AB 361. In key part, this bill amends the Brown Act to establish special requirements for teleconference meetings if a legislative body of a local public agency holds a meeting during a proclaimed state of emergency and either state or local officials have imposed or recommended measures to promote social distancing, or the body determines, by majority vote, whether as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.

AB 361 builds upon Executive Order (“EO”) N-29-20, issued by the Governor on March 17, 2020, which relaxed the teleconferencing requirements of the Brown Act to facilitate virtual meetings during the COVID-19 declared emergency. EO N-29-20’s provisions concerning public meetings applied through September 30, 2021.

AB 361 authorizes local agencies to continue meeting remotely without following the Brown Act’s standard teleconferencing provisions if the meeting is held during a state of emergency proclaimed by the Governor and either of the following applies: (1) state or local officials have imposed or recommended measures to promote social distancing; or (2) the agency has already determined or is determining whether, as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.

EO N-29-20 required legislative bodies to make remote public meetings accessible telephonically or otherwise electronically to all members of the public seeking to observe and to address the local legislative body, and to make reasonable efforts to adhere as closely as reasonably possible to the provisions of the Brown Act. AB 361 adds new procedures and clarifies the requirements for conducting remote meetings as follows:

- **Public Comment Opportunities in Real Time**: A legislative body that meets remotely pursuant to AB 361 must allow members of the public to access the meeting via a call-in option or an internet-based service option, and the agenda for the remote meeting must provide an opportunity for members of the public to directly address the body in real time. Although the agency may still ask for public comments to be submitted in advance, the agency cannot require public comments to be submitted in advance of the meeting. If an agency does not provide a timed public comment period, but takes public comment separately on each agenda item, it must allow a reasonable amount of time per agenda item to allow members of the public the opportunity to provide public comment, including time to “be recognized for the purpose of providing public comment.”

- **No Action During Disruptions**: In the event of a disruption that prevents the local agency from broadcasting the remote meeting, or in the event of a disruption within the local agency’s control that prevents members of the public from offering public comments using the call-in option or internet-based service option, AB 361 prohibits the legislative body from taking any further action on items appearing on the meeting agenda until public access to the meeting via the call-in or internet-based options is restored.

- **Periodic Findings**: To continue meeting remotely pursuant to AB 361, an agency must make periodic findings that: (1) the body has reconsidered the circumstances of the declared emergency; and (2) the emergency impacts the ability of the body’s members
to meet safely in person, or state or local officials continue to impose or recommend measures to promote social distancing. These findings should be made not later than 30 days after teleconferencing for the first time pursuant to AB 361, and every 30 days thereafter.

DISCUSSION

To continue to hold meetings under these special teleconferencing requirements, the Climate Action and Adaptation Plan Community Advisory Committee needs to make two findings pursuant to Government Code Section 54953(e)(3). First, there must be a declared state of emergency and the Climate Action and Adaptation Plan Community Advisory Committee must find that it has reconsidered the circumstances of such emergency. Second, the Climate Action and Adaptation Plan Community Advisory Committee must find that such emergency continues to directly impact the ability of the Climate Action and Adaptation Plan Community Advisory Committee members to meet in person. Alternatively, for the second finding, the Climate Action and Adaptation Plan Community Advisory Committee must find that state or local officials continue to impose or recommend social distancing measures. These findings must be made within 30 days after the Climate Action and Adaptation Plan Community Advisory Committee teleconferences for the first time under AB 361 and every 30 days thereafter.

The declared emergency is still in effect. Furthermore, the State of California and the County of Los Angeles have recommended measures to promote social distancing. The Centers for Disease Control and Prevention continue to advise that COVID-19 spreads more easily indoors than outdoors and that people are more likely to be exposed to COVID-19 when they are closer than 6 feet apart from others for longer periods of time. Additionally, the Los Angeles County Department of Public Health still encourages people at risk for severe illness of death from COVID-19 to take protective measures such as social distancing and, for those not yet fully vaccinated, to physically distance from others whose vaccination status is unknown. The County Health Department also continues to recommend that employers take steps to support physical distancing.

Please note that AB 361 applies to all legislative bodies. Therefore, Commissions and standing committees will need to also comply with the requirements of AB 361.

FISCAL IMPACT

The proposed resolution allowing the Climate Action and Adaptation Plan Community Advisory Committee greater flexibility to conduct teleconference meetings is unlikely to cause a greater fiscal impact to the City.
Attachment 1
RESOLUTION NO. _________________

RESOLUTION OF THE CLIMATE ACTION AND ADAPTATION PLAN COMMUNITY ADVISORY COMMITTEE OF THE CITY OF BEVERLY HILLS CONTINUING TO AUTHORIZE PUBLIC MEETINGS TO BE HELD VIA TELECONFERENCING PURSUANT TO GOVERNMENT CODE SECTION 54953(e) AND MAKING FINDINGS AND DETERMINATIONS REGARDING THE SAME

WHEREAS, the Climate Action and Adaptation Plan Community Advisory Committee is committed to public access and participation in its meetings while balancing the need to conduct public meetings in a manner that reduces the likelihood of exposure to COVID-19 and to support physical distancing during the COVID-19 pandemic; and

WHEREAS, all meetings of the Climate Action and Adaptation Plan Community Advisory Committee are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code Sections 54950 – 54963), so that any member of the public may attend, participate, and watch the Climate Action and Adaptation Plan Community Advisory Committee conduct its business; and

WHEREAS, pursuant to Assembly Bill 361, signed by Governor Newsom and effective on September 16, 2021, legislative bodies of local agencies may hold public meetings via teleconferencing pursuant to Government Code Section 54953(e), without complying with the requirements of Government Code Section 54953(b)(3), if the legislative body complies with certain enumerated requirements in any of the following circumstances:

1. The legislative body holds a meeting during a proclaimed state of emergency, and state or local officials have imposed or recommended measures to promote social distancing.
2. The legislative body holds a meeting during a proclaimed state of emergency for the purpose of determining, by majority vote, whether as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.

3. The legislative body holds a meeting during a proclaimed state of emergency and has determined, by majority vote, that, as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.

WHEREAS, on March 4, 2020, Governor Newsom declared a State of Emergency in response to the COVID-19 pandemic (the “Emergency”); and

WHEREAS, the Centers for Disease Control and Prevention continue to advise that COVID-19 spreads more easily indoors than outdoors and that people are more likely to be exposed to COVID-19 when they are closer than 6 feet apart from others for longer periods of time; and

WHEREAS, the Los Angeles County “Responding together at Work and in the Community Order (8.23.21)” provides that all individuals and businesses are strongly encouraged to follow the Los Angeles County Public Health Department Best Practices. The Los Angeles County Public Health Department “Best Practices to Prevent COVID-19 Guidance for Businesses and Employers”, updated on September 13, 2021, recommend that employers take steps to reduce crowding indoors and to support physical distancing between employees and customers; and

WHEREAS, the unique characteristics of public governmental buildings is another reason for continuing teleconferenced meetings, including the increased mixing associated with bringing people together from across several communities, the need to enable those who are
immunocompromised or unvaccinated to be able to safely continue to fully participate in public meetings and the challenge of achieving compliance with safety requirements and recommendations in such settings; and

WHEREAS, the Beverly Hills City Council has adopted a resolution that continues to recommend steps to reduce crowding indoors and to support physical distancing at City meetings to protect the health and safety of meeting attendees; and

WHEREAS, due to the ongoing COVID-19 pandemic and the need to promote social distancing to reduce the likelihood of exposure to COVID-19, the Climate Action and Adaptation Plan Community Advisory Committee intends to continue holding public meetings via teleconferencing pursuant to Government Code Section 54953(e).

NOW, THEREFORE, the Climate Action and Adaptation Plan Community Advisory Committee of the City of Beverly Hills resolves as follows:

Section 1. The Recitals provided above are true and correct and are hereby incorporated by reference.

Section 2. The Climate Action and Adaptation Plan Community Advisory Committee hereby determines that, as a result of the Emergency, meeting in person presents imminent risks to the health or safety of attendees particularly those with underlying health conditions.

Section 3. The Climate Action and Adaptation Plan Community Advisory Committee shall continue to conduct its meetings pursuant to Government Code Section 54953(e).

Section 4. Staff is hereby authorized and directed to continue to take all actions necessary to carry out the intent and purpose of this Resolution including, conducting open and
public meetings in accordance with Government Code Section 54953(e) and other applicable provisions of the Brown Act.

Section 5. The Climate Action and Adaptation Plan Community Advisory Committee has reconsidered the circumstances of the state of emergency and finds that: (i) the state of emergency continues to directly impact the ability of the members to meet safely in person, particularly those with underlying health conditions, and (ii) state or local officials continue to impose or recommend measures to promote social distancing.

Section 6. The Secretary of the Climate Action and Adaptation Plan Community Advisory Committee shall certify to the adoption of this Resolution and shall cause this Resolution and her certification to be entered in the Book of Resolution of the Climate Action and Adaptation Plan Community Advisory Committee of this City.

Adopted: ____________________

Wendy Nystrom
Co-Chair of the Climate Action and Adaptation Plan Community Advisory Committee of the City of Beverly Hills, California

Peter Ostroff
Co-Chair of the Climate Action and Adaptation Plan Community Advisory Committee of the City of Beverly Hills, California
Item 3
RECOMMENDATION
Staff recommends that the Community Advisory Committee (CAC) approve the final greenhouse gas (GHG) mitigation measures and Commissioners report to their respective commissions regarding the approved measures between the months of August and October. The final GHG mitigation measures will be incorporated in the draft Climate Action and Adaptation (CAAP) report that will be presented to the CAC, tentatively scheduled for December.

DISCUSSION
The final greenhouse gas (GHG) mitigation measures is the result of the work and discussion of the Community Advisory Committee (CAC) since October 2021. Staff, consulting team and CAC members, including Ad-hoc committees, worked on developing and refining these measures. The April and June 2022 meetings were critical points in this process where the CAC refined the GHG measures including recommendations to phase-in several foundational strategies. The criteria to select the foundational strategies are:

- Addresses the major sources of GHG emissions identified in the inventory
- GHG reduction potential
- Potential to enhance the GHG reduction impact of other measures
- Ability for the City to implement the measure
- Level of community support

These criteria produced six foundational strategies. These are:

1. Clean Energy
2. Building (New Construction and Remodels)
3. Building (Existing)
4. Complete Streets Plan
5. Shift to Clean Vehicles Miles Travel (VMT)
6. Solid Waste (SB 1383)

Based on these strategies, our process was able to identify key measures that would significantly reduce the City’s GHG emissions and get closer to achieving 40% GHG reduction of 1990 levels (Senate Bill (SB) 32 goal). Implementing these high priority measures and other measures listed in the final GHG emissions mitigation measures (Attachment 1), the City of Beverly Hills will be able to meet SB 32 goals. Table 1 summarizes the high priority measures developed from six foundational strategies.

Table 1: High Priority GHG Reduction Measures

<table>
<thead>
<tr>
<th>Foundational Strategy</th>
<th>Outcome Measure</th>
<th>Measure</th>
<th>City Department/Department</th>
<th>City Department/Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clean Energy</td>
<td>Carbon Free Electricity</td>
<td>Achieve at least 90% participation in CPA 100% Green Power tier or SCE equivalent.</td>
<td>Public Works</td>
<td>Public Works</td>
</tr>
<tr>
<td>Building (New Construction and Remodel)</td>
<td>Building Decarbonization</td>
<td>Adopt a reach code requiring new construction and alternations or additions at least 50% the size of the original building be designed to be powered using carbon-free energy sources.</td>
<td>Community Development/Public Works</td>
<td>Planning</td>
</tr>
<tr>
<td>Building (Existing)</td>
<td>Building Decarbonization</td>
<td>Adopt a phased in decarbonization plan for existing buildings that promotes, and as-needed, requires the retrofit of existing buildings to be powered using carbon-free energy</td>
<td>Community Development/Public Works</td>
<td>Planning</td>
</tr>
<tr>
<td>Complete Streets Plan</td>
<td>Transportation Mode Shift</td>
<td>Prioritize, fund, and implement the Complete Streets Plan.**</td>
<td>Public Works</td>
<td>Traffic and Parking</td>
</tr>
<tr>
<td>Shift to Clean Vehicle Miles Travel (VMT)</td>
<td>Transportation Mode Shift</td>
<td>Explore adopting a mandatory TDM program for employers and housing developments</td>
<td>Public Works</td>
<td>Traffic and Parking</td>
</tr>
<tr>
<td>Shift to Clean Vehicle Miles Travel (VMT)</td>
<td>EV Adoption</td>
<td>Adopt EV reach code for multi-family residential and nonresidential uses requiring EV chargers to be installed at time of construction.</td>
<td>Community Development</td>
<td>Planning</td>
</tr>
<tr>
<td>-----------------------------------------</td>
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<td>----------</td>
</tr>
<tr>
<td>Shift to Clean Vehicle Miles Travel (VMT)</td>
<td>Clean Fuel Adoption</td>
<td>Develop a Clean Fuel Transportation Plan that identifies areas of the City to prioritize clean fuel infrastructure installation.</td>
<td>Public Works</td>
<td>Public Works/ Traffic and Parking</td>
</tr>
<tr>
<td>Solid Waste (SB1383)</td>
<td>Increased diversion from landfill</td>
<td>Establish pathways and enforcement mechanisms for compliance with SB 1383 organics and food waste diversion. (Divert 75% of organic waste from the landfill)</td>
<td>Public Works</td>
<td>Public Works</td>
</tr>
</tbody>
</table>

** For FY22-23, the Complete Streets Plan Action Plan can be found in detail here: [www.beverlyhills.org/completestreets](http://www.beverlyhills.org/completestreets). In the May 2022 Action Plan, there will be several bike lanes and bike lane upgrades, pedestrian improvements, streetscapes, transit pilot programs, Metro’s First Last Mile Plans, and initial research to update the City’s Transit Demand Management (TDM) Ordinance. The project budget for these action plans is $3.9M.

As presented during the June 27, 2022 CAC meeting, these priority measures, especially building measures, have phased-in and mandatory implementation options. The phased-in option is estimated to reduce 85% of GHG emissions based from SB 32 goals and the mandatory option is estimated to achieve 90% reduction based from SB 32 goals.

Attachment 1 is the overall list of final GHG measures for consideration for the draft CAAP. The table is categorized using the six foundational strategies and under each strategy, there are the following:

1. Measures: GHG reduction measure
2. Outcome: Provide the outcome of the implemented measure. (i.e. carbon free energy, building decarbonization, mode shift, etc.)
3. Applicability: Municipal or private ownership
4. Implementation Actions: Steps needed to implement the measures.
5. Implementation Type: Phased-In or Mandatory
6. Timeline: Recommended time frame to implement the measure
7. GHG Reduction Potential: Emission reduction potential rating low to high

8. Department: City department responsible for implementing the measure

9. City Commission: City commission considering the measure for City Council adoption.

It is imperative that all measures listed in Attachment 1 are implemented to achieve SB 32 goals. By achieving SB 32 goals, the City is on the path of reaching carbon neutrality by 2045. Therefore, it is recommended that the CAC approve the final list of mitigation measures.

If the CAC approves of the final mitigation measures, staff and consulting team will continue working on the draft CAAP report. The draft report is anticipated to be completed by early November 2022. Staff is proposing to circulate the draft CAAP report to the CAC in November and set a meeting in early December to discuss and recommend the draft to move forward to the Public Works, Traffic and Parking, and Planning Commissions for review. After the three commissions have recommended the CAAP to City Council, staff will present the draft CAAP to City Council for approval in the first quarter of 2023.

While the draft CAAP is being finalized, between the months of August and October, staff is recommending that the CAC members provide a CAAP update to their respective commissions, with focus on the GHG measures and adaptation measures.
Attachment 1
# Clean Energy

<table>
<thead>
<tr>
<th>Measure</th>
<th>Outcome</th>
<th>Applicability</th>
<th>Implementation Actions</th>
<th>Implementation</th>
<th>Timeline</th>
<th>GHG Reduction Potential</th>
<th>City Department</th>
<th>Commission</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explore opportunities for community scale solar and other renewable energy sources.</td>
<td>Alternative energy sources</td>
<td>Municipal</td>
<td>1. Conduct a community-wide renewable energy generation analysis to identify locations in the City where renewable energy generation can be installed 2. Assess the feasible locations identified in the community-wide renewable energy generation analysis under CEQA 3. Partner with utilities to identify funding for installation of renewable energy generation at feasible locations</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Supportive</td>
<td>Public Works</td>
<td>Public Works</td>
</tr>
<tr>
<td>Streamline permitting process for solar, battery, and EV charging installations.</td>
<td>Alternative energy sources</td>
<td>-</td>
<td>1. Review current permitting procedures 2. Determine eligibility criteria for systems that qualify for expedited permitting and provide permitting checklist 3. Explore the potential to allow for digital signatures and online permit application submittals 4. Shorten the inspection process to one inspection for qualifying systems</td>
<td>N/A</td>
<td>1-3 years</td>
<td>Supportive</td>
<td>Public Works/ Community Development</td>
<td>Planning</td>
</tr>
<tr>
<td>Explore opportunities and partnerships to design new city facilities to be carbon neutral and utilize innovative fuel sources such as hydrogen or RNG.</td>
<td>Alternative energy sources</td>
<td>Municipal</td>
<td>1. Partner with utilities to identify funding for installation of renewable energy generation and storage at feasible locations 2. Partner with utilities to explore the feasibility of utilizing RNG in municipal facilities</td>
<td>N/A</td>
<td>1-3 years</td>
<td>Supportive</td>
<td>Public Works</td>
<td>Public Works</td>
</tr>
<tr>
<td>Achieve at least 90% participation in CPA 100% Green Power tier or SCE equivalent.</td>
<td>Carbon-Free Electricity</td>
<td>-</td>
<td>1. Identify barriers for large users and/or sectors to participate at the 100% Green Power Tier or SCE equivalent 2. Partner with CPA to develop and conduct a robust awareness and education campaign to boost enrollment</td>
<td>N/A</td>
<td>1-3 years</td>
<td>Medium</td>
<td>Public Works</td>
<td>Public Works</td>
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# Buildings - New Construction + Remodels

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<th>Measure</th>
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<th>GHG Reduction Potential</th>
<th>City Department</th>
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<tbody>
<tr>
<td>Provide educational information or technical assistance on passive solar design.</td>
<td>Energy Efficiency</td>
<td>Residential and nonresidential new construction</td>
<td>1. Draft materials on passive solar design 2. Distribute materials at planning counter and post to City website</td>
<td>Voluntary</td>
<td>1-3 years</td>
<td>Low</td>
<td>Community Development/ Public Works</td>
<td>Planning</td>
</tr>
<tr>
<td>Adopt a reach code requiring new construction and alterations or additions at least 50% the size of the original building be designed to be powered using carbon-free energy sources.</td>
<td>Decarbonization</td>
<td>Residential and nonresidential new construction</td>
<td>1. Engage with stakeholders including City staff and officials, and external stakeholders, such as local developers regarding the purpose and impact of the reach code 2. Conduct a cost effectiveness study or utilize studies developed by the CEC 3. Develop and draft an ordinance 4. Conduct public hearings, public notices, and formally adopt the ordinance 5. Submit the adopted ordinance to the California Energy Commission (CEC) and California Building Standards Commission (CBS)</td>
<td>Mandatory</td>
<td>1-3 years</td>
<td>Medium</td>
<td>Community Development/ Public Works</td>
<td>Planning</td>
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<tr>
<td>Adopt energy and water benchmarking ordinance for commercial buildings over a specified sf.</td>
<td>Energy Efficiency</td>
<td>Nonresidential existing buildings</td>
<td>1. Conduct a study to determine the appropriate square footage threshold to capture additional buildings than AB 802&lt;br&gt;2. Engage with stakeholders including City staff, nonresidential property owners and managers&lt;br&gt;3. Draft and adopt an ordinance</td>
<td>Phased: voluntary until 2035, mandatory after</td>
<td>1-3 years</td>
<td>Low</td>
<td>Community Development</td>
<td>Planning</td>
</tr>
<tr>
<td>Encourage residential properties older than 10 years to provide an energy audit or EPA Home Energy Score at time of sale or rental agreement.</td>
<td>Energy Efficiency</td>
<td>Residential existing buildings</td>
<td>1. Engage with stakeholders including residential and nonresidential property owners, managers, real estate agents, leasing brokers, and Chamber of Commerce to explain the benefits of providing a Home Energy Score&lt;br&gt;2. Develop and distribute educational materials&lt;br&gt;3. Encourage properties to take steps to improve their Energy Score through utility energy efficiency programs and other streamline permitting process.</td>
<td>Voluntary</td>
<td>3-5 years</td>
<td>Supportive</td>
<td>Community Development/Public Works</td>
<td>Planning/Public Works</td>
</tr>
<tr>
<td>Work with CPA, SCE, SCG, and SoCal REN to promote and implement efficiency incentives and programs.</td>
<td>Energy Efficiency</td>
<td>Residential and nonresidential existing buildings</td>
<td>1. Partner with utilities to promote and implement energy efficiency programs&lt;br&gt;2. Track and report community participation</td>
<td>Voluntary</td>
<td>1-3 years</td>
<td>Low</td>
<td>Public Works</td>
<td>Public Works</td>
</tr>
<tr>
<td>Explore pricing mechanisms and tools, such as the Utility Users Tax (UUT) and tiered pricing, to reduce natural gas use.</td>
<td>Energy Efficiency</td>
<td>-</td>
<td>1. Research funding mechanisms to increase the cost of natural gas</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Supportive</td>
<td>Public Works/Finance/Community Development</td>
<td>Public Works/Planning</td>
</tr>
<tr>
<td>Explore developing City-funded energy efficiency and decarbonization incentive programs.</td>
<td>Energy Efficiency</td>
<td>-</td>
<td>1. Research existing City-funded energy incentive programs&lt;br&gt;2. Work with the City Attorney to identify potential funding sources&lt;br&gt;3. Develop program and promote to the community</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Supportive</td>
<td>Public Works/Finance/Community Development</td>
<td>Public Works/Planning</td>
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<tr>
<td>Explore partnerships and opportunities to retrofit existing gas infrastructure to accommodate low emissions alternatives including RNG and hydrogen.</td>
<td>Decarbonization</td>
<td>-</td>
<td>1. Partner with SoCalGas to explore the potential for a pilot program utilizing RNG</td>
<td>Voluntary</td>
<td>5-10 years</td>
<td>Supportive</td>
<td>Public Works</td>
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| Adopt a phased in decarbonization plan for existing buildings that promotes, and as-needed, requires the retrofit of existing buildings to be powered using carbon-free energy | Decarbonization        | Residential and nonresidential existing buildings | 1. Engage with stakeholders including City staff and officials, and external stakeholders, such as local developers regarding the purpose and impact of the requirements  
2. Draft and adopt plan including phasing timeline of requirements  
3. Conduct CEQA analysis  
4. Provide technical resources, including hosting workforce development trainings for installers and building owners/operators to discuss benefits and technical requirements of decarbonization and carbon-free energy sources  
5. Promote the cost and environmental benefits of decarbonization and carbon-free energy sources to builders, property owners, and contractors on the City website and at the City permit counters  
6. Work with SoCalGas to identify opportunities for natural gas infrastructure pruning to reduce the chance of stranded assets, provide potential funding, and establish an efficient transition to carbon neutral buildings | Phased: voluntary until 2035, mandatory after | 3-5 years                   | High                                    | Community Development/Public Works Planning |
| Adopt Burnout Ordinance: require gas appliances (stove, clothes dryer, water heater) to be replaced with an electric alternative when they fail or reach the end of their useful life. | Decarbonization        | Residential and nonresidential existing buildings | 1. Engage with stakeholders including City staff and officials, and external stakeholders, such as local developers regarding the purpose and impact of the requirements  
2. Draft and adopt ordinance  
3. Conduct CEQA analysis  
4. Develop a tracking process to track natural gas and electric appliance/system installations  
5. Provide technical resources, including hosting workforce development trainings for installers and building owners/operators to discuss benefits and technical requirements of electrification  
6. Provide education around cooking with electric appliances, including demonstrations from chefs and/or local restaurants | Phased: voluntary until 2035, mandatory after | 1-3 years                   | Medium                                  | Community Development/Public Works Planning |
| Develop a decarbonization plan for City facilities that aligns with the CIP process. | Decarbonization        | Municipal                 | 1. Conduct an energy audit of all City facilities  
2. Identify energy efficiency upgrades to be installed  
3. Identify potential for DERs at City facilities  
4. Align improvements timeline with CIP process including utility available incentive programs  
5. Draft and adopt plan | N/A                     | 3-5 years                   | Low                                    | Public Works                  | Public Works                  |
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<tr>
<td>Prioritize, fund, and implement the Complete Streets Plan.</td>
<td>Mode Shift</td>
<td>-</td>
<td>1. Implement all policy recommendations included in the Complete Streets Plan to improve pedestrian and bicycle networks and increase transit ridership based on the established timeframes. 2. Prioritize the following measures: - Implementation of bikeways that are &quot;low-stress&quot;, are attractive for all types of riders, and minimize conflicts with motorists (B1-3, B2-3) - Implementation of bikeways that connect to key community nodes, like schools, parks, commercial districts, Metro Purple Line stations, and bikeways in neighboring jurisdictions (B2-2, B2-4) - Design and maintain sidewalks, streets, and intersections to emphasize pedestrian safety and comfort through a variety of street/streetscape design and traffic management solutions (P1-2, P2-2) - Increase multi-modal access and provide first-last mile connections to transit stops and stations (T1-1, T1-5) - Promote and incentivize the use of bus and rail to residents, employers/employees, and visitors (T3-1, T3-3) 3. Align implementation with CIP funding cycles 4. Identify grant funding opportunities for Complete Street Policy implementation 5. Update Complete Streets Action Plan every five years</td>
<td>N/A</td>
<td>1-3 years</td>
<td>Low</td>
<td>Transportation, Traffic and Parking</td>
</tr>
<tr>
<td>Partner with Metro to increase transit (bus and train) ridership in Beverly Hills through improvements such as first/last mile connections, transit stop shade structures, and bus only lanes and priority signals.</td>
<td>Mode Shift</td>
<td>-</td>
<td>1. Conduct a transit service gaps analysis to determine how service can be improved 2. Partner with Metro to implement service improvements 3. Conduct community outreach and promote the service improvements</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Low</td>
<td>Transportation, Public Works, Traffic and Parking</td>
</tr>
<tr>
<td>Partner with rideshare companies to provide subscription based residential transportation service and support access to carshare.</td>
<td>Mode Shift</td>
<td>-</td>
<td>1. Conduct a transit service gaps analysis to determine how service can be improved 2. Partner with rideshare and carshare companies to implement programs 3. Conduct community outreach and promote the program</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Low</td>
<td>Transportation, Public Works, Traffic and Parking</td>
</tr>
<tr>
<td>Assess the feasibility of a local city operated shuttle/bus service.</td>
<td>Mode Shift</td>
<td>-</td>
<td>1. Assess the feasibility of a local city operate shuttle/bus service as part of the Transportation and Parking Commission</td>
<td>N/A</td>
<td>1-3 years</td>
<td>Supportive</td>
<td>Transportation, Traffic and Parking</td>
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<td>Conduct a parking study to explore reforming parking standards for new residential development to prioritize parking for bicycles, carshare, and to remove parking minimums</td>
<td>Mode Shift</td>
<td>Residential new development</td>
<td>1. The parking study should be designed to address local conditions and resolve the following variables to quantify GHG reductions: - Residential parking demand at new residential development sites in the city - Residential parking supply available at new residential development sites in the city - Percentage of project VMT generated by residents 2. Utilize study results to amend the zoning code to remove parking minimums for new development and to facilitate shared parking facilities to allow multiple uses on separate properties to use parking more efficiently 3. Conduct focus groups with community groups on new parking changes.</td>
<td>N/A</td>
<td>3-5 years</td>
<td>TBD</td>
<td>Transportation, Economic Development</td>
</tr>
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<tr>
<td>Explore adopting a mandatory TDM program for employers and housing developments</td>
<td>Mode Shift</td>
<td>Employers and housing developments</td>
<td>1. Research options for a mandatory TDM policy that includes trip reduction requirements (including penalties for noncompliance), regular monitoring and reporting, and dedicated city staff. 2. Conduct focus groups with large employers, small employers, and housing developers on their opportunities and challenges of implementing a TDM program 3. Adopt a TDM ordinance that requires employers and housing developments of a certain size to submit an emissions reduction plan that includes: - Site analysis - Annual vehicle ridership survey results - Emissions reduction options - Employee trip reduction program with a menu of options such as transit information, guaranteed ride home program, commuter choice program, transit pass program, carpool preferential parking, secure bike parking, vanpool program, parking charge, telecommuting, prize incentives, transportation allowance, etc. 4. Explore establishing a Transportation Management Organization (TMO) to administer citywide VMT reduction programs 5. Establish a city employee TDM program with mode shift targets for staff. 6. Establish annual reporting requirements to the City Council</td>
<td>Mandatory</td>
<td>1-3 years</td>
<td>TBD</td>
<td>Transportation, Public Works</td>
</tr>
<tr>
<td>Adopt EV reach code for multi-family residential and nonresidential uses requiring EV chargers to be installed at time of construction.</td>
<td>EV Adoption</td>
<td>MFR and nonresidential new construction</td>
<td>1. Engage stakeholders including developers, architects, affordable housing advocates regarding the purpose and impact of the reach code 2. Establish the number of EV Ready and EV Charger installed required spaces for different uses 3. Draft and adopt ordinance 4. Submit the adopted ordinance to the California Building Standards Commission (CBSC)</td>
<td>Mandatory</td>
<td>1-3 years</td>
<td>Low</td>
<td>Community Development Planning</td>
</tr>
<tr>
<td>Develop a Clean Fuel Transportation Plan that identifies areas of the City to prioritize clean fuel infrastructure installation.</td>
<td>Clean Fuel Adoption</td>
<td>Municipal</td>
<td>1. Identify locations throughout the City for publicly available EV infrastructure, including curbside charging installations and hydrogen fueling stations 2. Investigate opportunities to help fund additional EV charging and hydrogen fueling station infrastructure by leveraging public/private partnerships and ensuring the City is charging for clean fuel infrastructure use at City-owned facilities. 3. Adopt an electric and alternative fueled vehicles and equipment purchasing policy for light-duty vehicles for all City departments 4. Draft and adopt plan</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Low</td>
<td>Public Works</td>
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<tr>
<td>Establish pathways and enforcement mechanisms for compliance with SB 1383 organics and food waste diversion.</td>
<td>Increased diversion from landfill</td>
<td>All</td>
<td>Partner with waste hauler to: 1. Provide for organic waste collection from mixed waste containers are transported to a high diversion organic waste processing facility 2. Provide quarterly route reviews to identify prohibited contaminants potentially found in containers that are collected along route. 3. Clearly label all new containers indicating which materials are accepted in each container, and by January 1, 2025 replace labels on all containers.</td>
<td>Mandatory</td>
<td>1-3 years</td>
<td>Medium</td>
<td>Public Works</td>
</tr>
<tr>
<td>Partner with the City’s waste hauler to develop and implement a robust public engagement program and provide commercial and multifamily technical assistance.</td>
<td>Increased diversion from landfill</td>
<td>All</td>
<td>Partner with waste hauler to: 1. Identify contaminated waste generators in need of technical assistance 2. Develop and distribute educational materials and in-person assistance</td>
<td>Mandatory</td>
<td>1-3 years</td>
<td>Supportive</td>
<td>Public Works</td>
</tr>
<tr>
<td>Expand the City’s single use plastic bag ban to include single use plastic and polystyrene packaging materials.</td>
<td>Increased diversion from landfill</td>
<td>All</td>
<td>1 Engage stakeholders including restaurants, businesses, local shipping/delivery companies, and the Chamber of commerce on the impact, alternative products, and benefits of the ordinance 2. Draft and adopt ordinance 3. Establish monitoring and enforcement process as necessary</td>
<td>Mandatory</td>
<td>3-5 years</td>
<td>Low</td>
<td>Public Works</td>
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<tr>
<td>Explore the feasibility of requiring 85% of C&amp;D debris be recycled.</td>
<td>Increased diversion from landfill</td>
<td>New construction</td>
<td>1. Research local disposal facility diversion rates to determine potential for additional diversion 2. If possible, draft and adopt ordinance 3. Submit the adopted ordinance to the California Building Standards Commission (CBSC)</td>
<td>Mandatory</td>
<td>3-5 years</td>
<td>Low</td>
<td>Community Development</td>
</tr>
<tr>
<td>Adopt a municipal sustainable purchasing policy that includes a focus on the diversification of vendors.</td>
<td>Increased diversion from landfill</td>
<td>Municipal</td>
<td>1. Work with City Manager’s office and Finance Department to develop a list of preferred purchasing options 2. Conduct outreach to all city staff about sustainable purchasing policy; include as part of new employee orientation</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Low</td>
<td>Public Works</td>
</tr>
<tr>
<td>Explore modifications to the building code that would require certain products to be locally sourced and/or contain a percentage of recycled content.</td>
<td>Upstream waste reduction</td>
<td>New construction</td>
<td>1. Reach out to US Green Building Council, Los Angeles (USGBC-LA) to determine appropriate materials and % recycled content 2. Engage with stakeholders including City staff and officials, and external stakeholders, such as local developers regarding the purpose and impact of the policy</td>
<td>Mandatory</td>
<td>5-10 years</td>
<td>Supportive</td>
<td>Community Development</td>
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<tr>
<td>Advocate at the appropriate governmental level for goods and services to disclose lifecycle climate impacts.</td>
<td>Upstream waste reduction</td>
<td>-</td>
<td>1. Work with the City Attorney to support advocacy efforts lead by environmental groups pursuing this issue</td>
<td>N/A</td>
<td>5-10 years</td>
<td>Supportive</td>
<td>Public Works</td>
</tr>
<tr>
<td>Advocate for more robust extended producer responsibility policies statewide.</td>
<td>Upstream waste reduction</td>
<td>-</td>
<td>1. Work with the City Attorney to support advocacy efforts lead by environmental groups pursuing this issue</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Supportive</td>
<td>Public Works</td>
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<td>Adopt CALGreen Tier 1 or 2 water efficiency requirements for new construction and alternations or additions of 50% the size of the original building.</td>
<td>Reduced water use</td>
<td>Residential and nonresidential new construction and remodels</td>
<td>1. Develop and draft an ordinance modifying the building code to make Tier 1 or 2 requirements mandatory 2. Conduct public hearings, public notices, and formally adopt the ordinance 3. Submit the adopted ordinance to the California Building Standards Commission (CBSC)</td>
<td>Mandatory</td>
<td>1-3 years</td>
<td>Low</td>
<td>Water Conservation</td>
</tr>
<tr>
<td>Require dual drainage plumbing and dual water supply plumbing in residential dwellings.</td>
<td>Reduced water use</td>
<td>Residential new construction</td>
<td>1. Research existing dual piping requirements and incentives 2. Engage with stakeholders including City staff and officials, and external stakeholders, such as local developers regarding the purpose and impact of the policy</td>
<td>Mandatory</td>
<td>5-10 years</td>
<td>Supportive</td>
<td>Water Conservation/ Community Development</td>
</tr>
<tr>
<td>Explore strategies to encourage water neutral new development.</td>
<td>Reduced water use</td>
<td>Residential and nonresidential new construction</td>
<td>1. Research existing water neutrality ordinances and incentives 2. Engage stakeholders including developers, architects, and property owners regarding the purpose and impact of the requirements</td>
<td>Voluntary</td>
<td>5-10 years</td>
<td>Supportive</td>
<td>Water Conservation</td>
</tr>
<tr>
<td>Modify Model Water Efficient Landscape Ordinance (MWELO) to require all landscape projects to obtain a landscape permit, decrease the size threshold to capture all landscape renovations, add prescriptive irrigation, plant lists, or water budget requirements.</td>
<td>Reduced water use</td>
<td>Residential and nonresidential new construction</td>
<td>1. Engage with stakeholders including City staff and officials, and external stakeholders, such as local developers regarding the purpose and impact of the requirements 2. Draft and adopt ordinance</td>
<td>Mandatory</td>
<td>1-3 years</td>
<td>Low</td>
<td>Water Conservation</td>
</tr>
<tr>
<td>Promote State efficiency incentives and programs.</td>
<td>Reduced water use</td>
<td>-</td>
<td>1. Implement a public education campaign that highlights water conservation practices and promotes and provides demonstrations of graywater and rainwater systems</td>
<td>Voluntary</td>
<td>1-3 years</td>
<td>Low</td>
<td>Water Conservation</td>
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<td>Create a streamlined permit process for laundry-to-landscape greywater systems.</td>
<td>Reduced water use</td>
<td>-</td>
<td>1. Review current permitting procedures 2. Partner with Greywater Action or similar organization to determine eligibility criteria for systems that qualify for expedited permitting and provide permitting checklist 3. Explore the potential to allow for digital signatures and online permit application submittals 4. Shorten the inspection process to one inspection for qualifying systems</td>
<td>Voluntary</td>
<td>1-3 years</td>
<td>Supportive</td>
<td>Water Conservation/ Community Development</td>
</tr>
<tr>
<td>Conduct a cost-of-service study to explore how volumetric charges on water and wastewater reduce consumption.</td>
<td>Reduced water use</td>
<td>-</td>
<td>1. Engage stakeholders including developers, architects, and property owners regarding the purpose and impact of the requirements 2. Study the feasibility of implementing volumetric charges on water and wastewater reduce consumption</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Supportive</td>
<td>Water Conservation</td>
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## Water + Ecosystems

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| Implement the Urban Forest Management Plan.                             | Ecosystems  | Municipal                              | 1. Implement all policy recommendations included in the Urban Forest Management Plan to improve the health, resilience, and services of the urban forest.  
2. Align implementation and maintenance with CIP funding cycles  
3. Identify grant funding opportunities for Urban Forestry implementation | N/A           | 1-3 years | Low                     | Public Works | Public Works |
| Explore expanding the Shallow Groundwater Ordinance to include single family residential properties. | Ecosystems  | New construction, remodels, existing buildings | 1. Engage stakeholders including developers, architects, and property owners regarding the purpose and impact of the requirements | Mandatory       | 3-5 years | Medium                  | Public Works | N/A          |
| Limit the use of potable water for irrigation and explore alternative sources for irrigation including greywater reuse. | Ecosystems  | New construction, remodels, existing buildings | 1. Study the feasibility of expanding recycled water supplies and use requirements for large irrigation users  
2. Implement a public education campaign that highlights water conservation practices and promotes and provides demonstrations of greywater and rainwater systems | Phased: voluntary until 2035, mandatory after | 3-5 years | Medium                  | Water Conservation | Public Works |
Item 4
TO: Climate Action and Adaptation Plan (CAAP) Community Advisory Committee (CAC)

FROM: Josette Descalzo, Environmental Compliance and Sustainability Programs Manager
       Robert Welch P.E., Utilities General Manager

DATE: July 27, 2022

SUBJECT: Climate Change Adaptation Measures

ATTACHMENT: 1. Final Adaptation Measures List

RECOMMENDATION

Staff recommends that the Community Advisory Committee (CAC) approve the final adaptation measures to be included in the draft Climate Action and Adaptation (CAAP) report. The final adaptation measures will be incorporated in the draft Climate Action and Adaptation (CAAP) report that will be presented to the CAC, tentatively scheduled for December.

DISCUSSION

Staff and consulting team presented the City of Beverly Hills Climate Vulnerability Assessment during the April 27, 2022 CAC meeting. The Climate Vulnerability Assessment and CAAP adaptation measures satisfy the requirements of SB 379, which requires cities and counties within the state to consider and address climate change and resiliency within the Safety Element of their General Plans and Local Hazard Mitigation Plans. At the meeting, the CAC generally accepted the findings of the assessment.

Staff and consulting team presented the draft adaptation measures during the June 27, 2022 CAC meeting. The CAC, generally, agreed with the draft adaptation measures, but also emphasized that the City needs to focus on water and energy resiliency. The CAC also advised staff and consulting team to create robust programs to serve the vulnerable population of the City, especially during high heat days, major rain events and events of hazards. Table 1 summarizes the priority adaptation measures based on the CAC feedback.

Table 1: Prioritized Adaptation Measures

<table>
<thead>
<tr>
<th>Measure</th>
<th>Outcome</th>
<th>Timeline</th>
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</thead>
<tbody>
<tr>
<td>Develop resilient infrastructure and supply networks, including back up sources of water, power, and communications</td>
<td>Emergency Response</td>
<td>3-5 years</td>
</tr>
<tr>
<td>Increase resilience to power outages from public safety or weather-related events by requiring battery backup systems or carbon free backup systems in new residential and multi-family developments whenever cost is not prohibitive.</td>
<td>Emergency Response</td>
<td>3-5 years</td>
</tr>
<tr>
<td>Increase community member participation in emergency notification and preparedness systems</td>
<td>Emergency Response</td>
<td>1-3 years</td>
</tr>
<tr>
<td>Create evacuation procedures for vulnerable populations in partnership with CBOs and facilities that serve identified populations.</td>
<td>Emergency Response</td>
<td>3-5 years</td>
</tr>
<tr>
<td>Develop a heat emergency response annex to the EOP that considers extreme heat events in conjunction with potential pandemic impacts and how to reduce strain on electricity and Wi-Fi in community centers.</td>
<td>Heat mitigation and increased safety/resilience</td>
<td>3-5 years</td>
</tr>
<tr>
<td>Provide consolidated public messaging about wildfire preparation, evacuation, and communications avenues as recommended by Recommendation 2: Improve the Firewise USA® Recognition Program in the 2021 Beverly Hills Wildfire Assessment Report</td>
<td>Wildfire mitigation</td>
<td>1-3 years</td>
</tr>
<tr>
<td>Continue to include climate hazards/resilience benefits in capital improvement planning and building design. Use projected climate change impacts rather than historical averages.</td>
<td>City Capacity and Coordination</td>
<td>1-3 years</td>
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</tbody>
</table>

Attachment 1 is the final list of adaptation measures. It is arranged in the following:

1. Measures: Adaptation measure
2. Outcome: Provide the outcome of the implemented measure. (i.e. Emergency response, resiliency, etc.)
3. Applicability: Municipal or private ownership
4. Implementation Actions: Steps needed to implement the measures.
5. Implementation Type: Voluntary or Mandatory
6. Timeline: Recommended time frame to implement the measure
7. Department: City department responsible for implementing the measure
8. Commission: City commission considering the measure for City Council adoption.

Implementing the list of adaptation measures will create a more resilient and adaptable Beverly Hills. Therefore, it is recommended that that CAC approve the final list of adaptation measures.

With the CAC approval of the final adaptation measures, staff and consulting team will continue working on the draft CAAP report. The draft report is anticipated to be completed by early November 2022. Staff is proposing to circulate the draft CAAP to the CAC in November for review and then schedule an early meeting in December to discuss and recommend the draft to move forward to the Public Works, Traffic and Parking, and Planning Commissions for review. After the three commissions have recommended the draft CAAP to City Council, staff will present the draft CAAP to City Council for approval in the first quarter of 2023.
While the draft CAAP is being finalized, between the months of August and October, staff is recommending that the CAC members provide a CAAP update to their respective commissions, with focus on the GHG measures and adaptation measures.
Attachment 1
## Adaptation + Social Resilience

<table>
<thead>
<tr>
<th>Measure</th>
<th>Outcome</th>
<th>Applicability</th>
<th>Implementation Action</th>
<th>Implementation</th>
<th>Timeline</th>
<th>City Department</th>
<th>Commission</th>
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</thead>
<tbody>
<tr>
<td>Create a communitywide climate change education program that includes up-to-date climate science and a clear picture of near- and long-term anticipated impacts, and that evaluates opportunities for adaptation</td>
<td>Community awareness</td>
<td>Municipal</td>
<td>1. Designate a virtual resilience hub on the City's website where residents can access information about near- and long-term anticipated impacts to the community, adaptation-related programs (e.g., cooling center/resilience hub locations and status), and individual adaptation actions they can take 2. Provide education and outreach materials (through physical mailers and brochures, and at community events) that specifically address the dangers of heat and wildfire for older adults, people with disabilities and underlying conditions, and children. 3. Partner with community based organizations and trusted community leaders to distribute educational materials, targeting underresourced households, domestic workers, and other hard to reach populations. 4. Create educational materials, activities, and contests to engage youth in critical thinking about climate change impacts 5. Expand the role of the Block by Block program to include climate adaptation outreach and engagement</td>
<td>N/A</td>
<td>1-3 years</td>
<td>Public Works, Community Services</td>
<td>Various city commissions</td>
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<tr>
<td>Develop resilient infrastructure and supply networks, including back up sources of water, power, and communications</td>
<td>Emergency Response</td>
<td>Municipal</td>
<td>1. Partner with energy utilities to explore opportunities establish battery back-up and fuel cells for City facilities and/or the electrical grid 2. Support development of community-serving microgrids -Monitor the CPUC’s progress with new rulemaking on microgrids as directed by SB 1339 3. Monitor emerging technology such as vehicle-to-grid charging that can be installed at city facilities and upgrades 4. Continue evaluating the need for additional reservoirs and water supplies in the city in the case of MWD water supply disruption</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Public Works, Fire, Police</td>
<td>Public Works/ Health and Safety</td>
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<tr>
<td>Conduct a feasibility study to investigate additional offsite fueling stations for City waste fleet to reduce disruptions during extreme heat events.</td>
<td>Emergency Response</td>
<td>Municipal</td>
<td>1. Identify potential locations for fueling stations 2. Determine the amount of fuel needed 3. Explore partnerships with other waste haulers to share facilities</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Public Works</td>
<td>Public Works</td>
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<td>Measure</td>
<td>Outcome</td>
<td>Applicability</td>
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| Increase resilience to power outages from public safety or weather-related events by requiring battery backup systems or carbon free backup systems in new residential and multi-family developments whenever cost is not prohibitive. | Increase resilience to power outages from public safety or weather-related events by requiring battery backup systems or carbon free backup systems in new residential and multi-family developments whenever cost is not prohibitive. | New Residential | 1. Update ordinance to require backup systems  
2. Identify subsidy programs for existing structures and low-income households | N/A             | 3-5 years | Community Development | Planning               |
| Increase community member participation in emergency notification and preparedness systems | Increase community member participation in emergency notification and preparedness systems | Municipal                 | 1. Increase membership in Beverly Hills CERT  
- Create a recruitment campaign that includes outreach at community events, community spaces (like places of worship), and on online platforms  
2. Increase participation in emergency notification systems including Beverly Hills Emergency Alerts, Beverly Hills Nixle, and SCE Automated System  
- Utilize City social media to connect residents to the online registration pages  
- Help residents sign up on their phones at pop-ups at community events and farmer’s markets | N/A             | 1-3 years | Policy and Management, Fire | Health and Safety |
| Create evacuation procedures for vulnerable populations in partnership with Community Based Organizations (CBOs) and facilities that serve identified populations. | Create evacuation procedures for vulnerable populations in partnership with Community Based Organizations (CBOs) and facilities that serve identified populations. | CBO partners | 1. Conduct a landscape assessment of CBOs and facilities to identify those that serve vulnerable populations (including but not limited to residents who are mobility impaired, domestic workers, non-English speakers, and single headed households)  
2. Conduct focus groups with the identified CBOs and facility staff on the evacuation needs of their service population  
3. Create a program to help CBOs develop their own climate emergency response procedures and organizational capacity | N/A             | 3-5 years | Policy and Management, Public Works, Fire, Police | Health and Safety |
| Coordinate with transit providers to ensure minimal disruption to bus and train service during climate hazard events | Coordinate with transit providers to ensure minimal disruption to bus and train service during climate hazard events | Municipal | 1. Partner with Metro to plan for climate hazard events and explore climate hazard event alternatives  
2. Raise community awareness about hazard related service changes | N/A             | 3-5 years | Public Works | Public Works |
<table>
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<tr>
<th>Measure</th>
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<td>Develop a heat emergency response annex to the EOP that considers extreme heat events in conjunction with potential pandemic impacts and how to reduce strain on electricity and Wi-Fi in community centers.</td>
<td>Heat mitigation and increased safety/resilience</td>
<td>Municipal</td>
<td>1. Coordinate with the LA County Department of Public Health 2. Conduct a report to assess the gaps and opportunities to improve/expand the city's network of cooling centers - Conduct a gap analysis to identify if existing centers are meeting the wholistic needs of a diversity of users (physical and mental health, language assistance, etc.) - Assess whether areas with high social vulnerability and exposure (See CAAP Vulnerability Assessment) have adequate access to a cooling center 3. Create a method to prioritize the activation of cooling centers based on vulnerable populations served, facility amenities, ability to comply with COVID protocols (if applicable), proximity to transit, and other factors. 4. Develop design standards for new facilities and retrofits to account for increased temperatures - Create robust temperature and air quality control standards for new facilities and retrofits - Identify opportunities to apply other resilience strategies to cooling centers so they can also function as resilience hubs, clean air spaces, and community space during disaster events. 5. Draft and adopt a Heat Emergency Response Annex to the Emergency Operations Plan</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Policy and Management, Public Works</td>
<td>N/A</td>
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<td>Consider incorporating cool pavement practices into new streetscape or urban design practices</td>
<td>Heat mitigation and increased safety/resilience</td>
<td>Municipal</td>
<td>1. Complete a report that evaluates new cool pavement technology, cost/benefits, and challenges and opportunities 2. Conduct a pilot project of cool pavement application at one location, such as a parking lot or City facility away from residences</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Public Works</td>
<td>Public Works</td>
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<tr>
<td>Encourage the use of cool roofs to reduce the urban heat island effect</td>
<td>Heat mitigation and increased safety/resilience</td>
<td>Residential new construction, remodels, existing buildings (re-roofs)</td>
<td>1. Consider incentives such as expedited permitting or reduced fees 2. Modify BHMC §1505.1 and the Roofing Permit Application</td>
<td>Voluntary</td>
<td>1-3 years</td>
<td>Community Development</td>
<td>Planning</td>
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<tr>
<td>Provide resources for renters to use to prepare for increased temperatures and power outages</td>
<td>Heat mitigation and increased safety/resilience</td>
<td>Residential</td>
<td>1. Identify portable interventions like portable air conditioners and emergency generators which can be implemented without modifying the property 2. Create a new program or increase participation in SCE programs that subsidize cooling and back-up power devices for low-income households</td>
<td>Voluntary</td>
<td>1-3 years</td>
<td>Community Development, Community Services</td>
<td>Health and Safety</td>
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<td>Prepare the urban forest for climate change-exacerbated heat, drought, and wildfire conditions as specified by the UFMP Goal 1: Creating a Climate Resilient Urban Forest section</td>
<td>Heat mitigation and increased safety/resilience</td>
<td>Municipal</td>
<td>(from UFMP) 1. Ensure 100% of City recommended tree species have reduced to low water needs, are climate appropriate, and available in local nurseries. 2. Maintain no more than 5% of one species and 10% of one genus in the City tree inventory. 3. Maintain an appropriate mix of tree age diversity so there is a continuum of new trees being planted to replace aging senescent trees, and high levels of canopy cover. 4. Utilize tree inventory data and the Street Tree Master Plan process to prepare streets and neighborhoods to be climate resilient over a 15 to 20-year timeframe</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Public Works</td>
<td>Public Works/Recreation and Parks</td>
</tr>
<tr>
<td>Create ordinances and engagement activities to increase and maintain diverse and healthy trees on private property as specified by the UFMP</td>
<td>Heat mitigation and increased safety/resilience</td>
<td>Residential</td>
<td>(from UMFP) 1. Provide education materials to residential homeowners on best management practices for tree trimming and maintenance, to expand the amount of large and healthy trees on private property 2. Institute an appropriate tree replacement policy that recovers the lost canopy and services of trees, and mutually helps meet the UFMP established goals 3. Incentivize replacement plantings of tree species with large canopies 4. Create an incentive program for private property developers to preserve mature trees on site plans and through development. 5. Educate residential homeowners on the City's preferred plant palette</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Public Works</td>
<td>Planning</td>
</tr>
<tr>
<td>Enhance local ecosystem health in the City's open space network.</td>
<td>Heat mitigation and increased safety/resilience</td>
<td>Municipal</td>
<td>1. Prioritize planting of native species and plants that promote local pollination with bees, butterflies, and other species. 2. Identify opportunities to apply compost at City parks and facilities 3. Implement nature-based stormwater capture infrastructure such as bioswales</td>
<td>N/A</td>
<td>5-10 years</td>
<td>Public Works</td>
<td>Public Works/Recreation and Parks</td>
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<tr>
<td>Provide consolidated public messaging about wildfire preparation, evacuation, and communications avenues as recommended by Recommendation 2: Improve the Firewise USA® Recognition Program in the 2021 Beverly Hills Wildfire Assessment Report</td>
<td>Wildfire mitigation</td>
<td>Municipal</td>
<td>1. Ensure public messaging about wildfire is published in multiple languages</td>
<td>N/A</td>
<td>1-3 years</td>
<td>Fire, Policy and Management</td>
<td>Health and Safety</td>
</tr>
<tr>
<td>Update ordinances and enforce home hardening, defensible space, and other measures to prevent structure ignitions from wind-blown embers</td>
<td>Wildfire mitigation</td>
<td>Residential, new construction, remodels, and existing building retrofits</td>
<td>1. Create an educational campaign to prepare residents for when new AB 3074 requirements come into effect (ember resistant zone within 5 feet of the structure in the VHFSZ) 2. Accelerate home hardening retrofits north of Sunset through incentives, financial assistance programs, and code standards. Utilize the Wildfire Predictive Analysis maps analyzed in the Wildfire Assessment Report to identify priority areas for interventions. 3. Conduct a report analyzing new wildfire-resistant materials, exterior sprinkler system designs, and other innovative building protection strategies</td>
<td>Mandatory</td>
<td>3-5 years</td>
<td>Fire and Community Development</td>
<td>Planning</td>
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<tr>
<td>Encourage residents to do routine maintenance of their HVAC systems to filter particulates during wildfire smoke exposure events and improve energy efficiency.</td>
<td>Wildfire mitigation</td>
<td>Residential</td>
<td>1. Develop outreach materials about HVAC maintenance 2. Distribute materials at City Hall and post to the City’s website.</td>
<td>Voluntary</td>
<td>3-5 years</td>
<td>Community Development</td>
<td>N/A</td>
</tr>
<tr>
<td>Create a subsidy program for low-income residents and renters to purchase portable air filters</td>
<td>Wildfire mitigation</td>
<td>Municipal</td>
<td>1. Research existing City-funded incentive programs 2. Determine qualifying criteria 3. Implement and promote program</td>
<td>N/A</td>
<td>5-10 years</td>
<td>Policy and Management, Community Services</td>
<td>Health and Safety</td>
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<tr>
<td>Reduce City managed trees’ potential fire hazard in the VHFSZ as specified by actions in the UFMP Appendix P - Beverly Hills Wildfire Assessment section 6.1.1</td>
<td>Wildfire mitigation</td>
<td>Municipal</td>
<td>See UFMP Appendix P for implementation actions</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Public Works</td>
<td>Public Works</td>
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<td>Measure</td>
<td>Outcome</td>
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<td>Reduce private trees’ potential fire hazard in the VHFSZ through</td>
<td>Wildfire mitigation</td>
<td>Residential</td>
<td>See UFMP Appendix P for implementation actions</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Public Works, Community Development, Fire</td>
<td>Planning/ Public Works</td>
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<td>education, incentives, and support as specified by actions in the UFMP</td>
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<td>Appendix P - Beverly Hills Wildfire Assessment section 6.1.2.</td>
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<tr>
<td>Upgrade City-owned facilities north of Sunset as necessary to withstand</td>
<td>Wildfire mitigation</td>
<td>Municipal</td>
<td>1. Identify which facilities are at highest risk</td>
<td>N/A</td>
<td>5-10 years</td>
<td>Public Works</td>
<td>Public Works</td>
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<td>power outages and potential wildfires</td>
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<td>2. Determine necessary interventions for each site</td>
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<td>3. Fund and implement upgrades</td>
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<td>Design streets to incorporate vegetation, soil, and engineered systems</td>
<td>Flood mitigation</td>
<td>Municipal</td>
<td>1. Incorporate street trees as directed by the UFMP</td>
<td>N/A</td>
<td>1-3 years</td>
<td>Public Works</td>
<td>Public Works</td>
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<td>to slow, filter, and cleanse stormwater runoff</td>
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<td>2. Incorporate green stormwater infrastructure including bioswales into roadway designs where feasible</td>
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<td>3. Incorporate pervious pavements into sidewalks, street furniture zones, and entire roadways/portions of roadways where landscape options are not available</td>
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<td>Increase hillside monitoring and stabilization efforts after heavy rain</td>
<td>Flood mitigation</td>
<td>Municipal</td>
<td>1. Install landslide monitoring equipment in Landslide Susceptibility Areas</td>
<td>N/A</td>
<td>1-3 years</td>
<td>Public Works</td>
<td>Public Works</td>
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<td>events in areas at risk to landslides</td>
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<td>2. Implement built and natural infrastructure to reduce the risk of landslides, such as hillside revegetation</td>
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<tr>
<td>Partner with the LA County Flood Control District to rehabilitate storm drain lines per the Integrated Water Resources Master Plan</td>
<td>Flood mitigation</td>
<td>Municipal</td>
<td>See IWRMP for implementation actions</td>
<td>N/A</td>
<td>1-3 years</td>
<td>Public Works</td>
<td>Public Works</td>
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<tr>
<td>Create a new staff position to conduct activity tracking to monitor</td>
<td>City Capacity and Coordination</td>
<td>Municipal</td>
<td>1. Create a new City staff position whose duties should include:</td>
<td>N/A</td>
<td>1-3 years</td>
<td>Community Development, Public Works, Community Services, Policy and Management</td>
<td>N/A</td>
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<td>the Climate Action and Adaptation Plan implementation</td>
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<td>- supporting the operation of adaptation-related programs City-wide.</td>
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<td>- managing partnerships with outside agencies and Community Based Organizations partners</td>
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<td>- establishing activity tracking to monitor the implementation of resilience strategies</td>
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<td>2. Add CAAP implementation monitoring to the responsibilities of an existing commission (for example, the Public Works, Traffic and Parking, Planning, Rec and Parks Commissions)</td>
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<td>Measure</td>
<td>Outcome</td>
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<td>Implementation Action</td>
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<td>Collaborate with utilities to secure outside funding for resilience efforts.</td>
<td>Adaptation + Social Resilience</td>
<td>Municipal</td>
<td>1. Identify funding and incentives to weatherize residential and commercial buildings and address severe weather protection, energy efficiency, indoor air quality improvements, and other housing improvements. 2. Include an outreach campaign as part of this program to advertise the benefits of weatherizing and electrifying buildings.</td>
<td>N/A</td>
<td>3-5 years</td>
<td>Public Works</td>
<td>Public Works</td>
</tr>
<tr>
<td>Establish a consistent funding source for mitigating wildfire risk</td>
<td>City Capacity and Coordination</td>
<td>Municipal</td>
<td>1. Research external funding opportunities including grants</td>
<td>N/A</td>
<td>5-10 years</td>
<td>Fire</td>
<td>Various commissions</td>
</tr>
<tr>
<td>Continue to include climate hazards/resilience benefits in capital improvement planning and building design. Use projected climate change impacts rather than historical averages.</td>
<td>City Capacity and Coordination</td>
<td>Municipal</td>
<td>1. Include climate hazard interventions in CIP planning process</td>
<td>N/A</td>
<td>1-3 years</td>
<td>Public Works</td>
<td>Public Works</td>
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Item 5
RECOMMENDATION

Staff is recommending that the Community Advisory Committee (CAC) make a recommendation to include a full-time position to implement the Climate Action and Adaptation Plan (CAAP) and it will be at the City Manager's Office discretion to implement the recommendation after the adoption of the CAAP.

DISCUSSION

Measure AR 6.1 of the Adaptation Measures recommends that the City to create a new staff position to implement, track and monitor the Climate Action and Adaptation Plan (CAAP). Many cities have sustainability coordinators, managers, or offices to coordinate the implementation and monitoring of their Climate Action Plans (CAP's) and other sustainability-related policies or programs. Staffing to implement a CAP generally depends on the size of the city and the city's commitment to implement and run numerous sustainability programs.

If a city does not have an office or department of sustainability, the position most often is in Community Development, Public Works, or the City Manager's Office. There are benefits and drawbacks to each placement. It depends on the capacity of the departments to prioritize successfully sustainability work plans.

Sustainability coordinators are often in Community Development because much of the work is related to new development, existing buildings, and long-range planning efforts. The position is also often in Public Works because it has operational control of the City including utilities and environmental compliance. Installing the position in the City Manager's Office can be beneficial because it better allows for interdepartmental coordination and can assign ownership of implementation actions across various departments.

The following examples show the different possible arrangements of the position within City government structure.

1. City of Beverly Hills
   The City of Beverly Hills currently has an Environmental Compliance and Sustainability Programs Manager that is leading the sustainability programs, policies and monitoring
for the City. The position coordinates with other departments to implement additional sustainability initiatives and monitoring progress. In addition, the position represents the City in various environmental and sustainability groups including Safe Clean Water Program steering committee, County Sustainability Initiatives, Clean Power Alliance and Integrated Regional Watershed Plan (IRMWP). The position is currently under the Public Works Department. The current position is also managing the environmental compliance section for the City, which includes but not limited to managing the Stormwater and Wastewater divisions, water cross-connection and backflow program.

Currently, there is no sustainability operating budget. Sustainability and conservation expenses are currently being funded by the conservation program budgets in Water, Wastewater and Solid Waste utilities. In FY21-22, the total conservation program budget was estimated at $520K.

2. City of Manhattan Beach

The City of Manhattan Beach has an Environmental Sustainability Division within the Community Development Department staffed by the Environmental Sustainability Manager. The department is responsible for the creation, implementation, and monitoring of the sustainability programs including Clean Power Alliance, Green Business Program, and sustainability outreach and education, among other tasks. The position is responsible for managing an Environmental Task Force that is comprised of city staff and selected members of the public. The task force is responsible to implement and monitor the progress of sustainability programs for the City. The City of Manhattan Beach has a singular position leading their sustainability programs. At this time, staff was unable to research the sustainability operating budget for Manhattan Beach. Staff will continue to research in the next coming months.

3. City of Glendale

The City of Glendale Office of Sustainability is housed in the City Manager’s Office and lead by a Sustainability Officer. The Office of Sustainability is responsible for:

- Coordinating City of Glendale departments to promote sustainable practices and resiliency to climate change, inspiring participation throughout the City.
- Responding to public inquiries on sustainability matters and direct residents and businesses to appropriate City services.
- Designing and promoting initiatives to spur greater gains in efficiency and sustainable practices, including rewards and recognition programs.
- Tracking results and accountability for success in meeting specific targets and co-benefits such as equity and sustainable economic development.

Currently, the City of Glendale has a singular position leading their sustainability programs. At this time, staff was unable to research the sustainability operating budget for the City of Glendale. Staff will continue to research in the next coming months.

4. City of San Francisco

The San Francisco Department of the Environment advances climate protection and enhances quality of life for all San Franciscan. The Department of the Environment is responsible for policies and programs in the following sectors: energy, transportation, zero waste, toxins and health, buildings and environments, education and equity, and climate change. The department is headed by the director and have supporting coordinator staff for each environmental sector. The department presents and discuss
policies with advisory bodies, including the Commission on the Environment, Urban Forestry Council, Energy Efficiency Coordinating Committee, and Municipal Green Building Task Force. The City of San Francisco has a proposed operating budget of $28M for FY22-23. The Office of the Environment manages twenty-seven (27) programs.

5. City of Long Beach

The City of Long Beach has an office of sustainability that works to create a more sustainable community by engaging with individuals, neighborhoods and government to equitably reduce our impact on the environment and protect our local natural resources. The office has three (3) staff members. They are led by Sustainability Coordinator and supported by two (2) sustainability analysts. The Office of Sustainability reports to the City Manager’s Office and supports the Sustainable City Commission, an advisory body to City Council. At this time, staff was unable to research the sustainability operating budget for the City of Long Beach. Staff will continue to research in the next coming months.

6. The City of Santa Monica

The City of Santa Monica, which is a comparable city to Beverly Hills, had an office sustainability. The Santa Monica Office of Sustainability moved back and forth between the City Manager’s Office and Public Works and is currently established in Public Works. The Office of Sustainability had nineteen (19) staff members and lead by a chief sustainability officer. The chief sustainability officer is supported by sustainability analysts that ran the water, energy efficiency, hazardous waste, urban runoff and green building programs. The office had a $4.5M annual operating budget. Unfortunately, the City of Santa Monica went through a reorganization at the beginning of the pandemic. As a result, some of the staff members in the office of sustainability were transferred into other departments and many retired.

7. The City of Los Angeles and County of Los Angeles

The City of Los Angeles and County of Los Angeles have also established sustainability offices. The City of Los Angeles sustainability office is within the mayor’s office. Its goal is to lead the City of Los Angeles in global sustainability initiatives and programs. Los Angeles has numerous staff that undertakes policy and coordination with several city departments to achieve sustainability goals. For FY22-23, the sustainability initiative-operating budget is estimated at $48M. The operating budget is mostly capital investment on clean energy, waste diversion, climate equity, recycled water, vehicle electrification and EV charging station, cool streets, and tree canopy.

The County of Los Angeles also has an office of sustainability. The office reports directly to the Board of Supervisors. Currently, the office has five (5) positions ranging from the Chief Sustainability Officer, two (2) Sustainability Program Directors and two (2) Sustainability Program Advisors. The office is responsible for implementing the County’s sustainability plan and coordinate with various county departments to implement sustainability programs, sustainability regulations and improve on the County’s food equity goals. The office has also served an instrument resource for smaller cities attempting to establish sustainability programs and initiatives. At this time, staff was not able to find a sustainability operating budget for the County of Los Angeles. It will continue to research and report it to the committee at a later date.

Overall, many jurisdictions have established a singular position or office to implement sustainability programs, including climate action plans. Singular positions are typically
implemented in small-sized cities. The effectiveness of a singular position depends on the cooperation of various departments funding and implementing sustainability initiatives and policies. Typically, singular positions have capacity limitations and don’t have direct control over resources and prioritizing sustainability work plans. Generally, the singular position serves as a resource to various departments for policies and programs and monitors progress.

On the other hand, sustainability offices are generally seen in medium to large sized cities. The offices are typically staffed between three to five staff members, with the exception of the City of Santa Monica and generally lead by a sustainability officer. Supporting staff members serve as leads to implement and continue the function of numerous sustainability initiatives and programs. Sustainability offices are very effective in setting many policies, implementing and operating multiple programs because they have sufficient capacity.
Item 6
TO: Climate Action and Adaptation Plan (CAAP) Community Advisory Committee (CAC)

FROM: Josette Descalzo, Environmental Compliance and Sustainability Programs Manager
Robert Welch P.E., Utilities General Manager

DATE: July 27, 2022

SUBJECT: Community Engagement Event Updates - Movie Night

RECOMMENDATION
This item is for information and discussion. Staff and Community Advisory Committee (CAC) members will provide an update on the Movie Night event.

Climate Action Movie Night at Roxbury Park Update
The Climate Action Movie Night featuring the movie Ice on Fire occurred on July 20, 2022 at Roxbury Park Community Center. Ice on Fire is narrated and produced by Leonardo DiCaprio and produced and edited by Leila Connors. Ms. Connors generously permitted allowing the City to screen the movie and promote climate action in Beverly Hills.

CAC member Erica Felsenthal lead the planning efforts for the event with support from the CAC members and staff. The event started at 6:00 PM with a food truck available, sustainability booths and activities for the community. The booths that were available for the community were:

- Athens Services
- Clean Power Alliance
- Southern California Gas
- Commission on Voluntary Service and Action
- Beverly Hills Community Garden
- US Green Building Council
- City's Water Conservation
- City's Transportation Division
- City's Police Department
- City's Fire Department
- CAAP Committee Booth
• Beauty Counter
• Biocitizen
• Seatopia
• Star Eco-Station

Also available for the community engagement was a sound bath experience, live music, drum circle and a succulent plant activity table.

The movie screening started at 7:00 PM with an introduction by Vice Mayor Gold. At the conclusion of the screening, Co-Chair Wendy Nystrom moderated an engaging discussion with a panel of climate change experts that included:

• Chris Liban, Chief Sustainability Officer, Metropolitan Transportation Authority
• Jessica Aldridge, Chief Sustainability and Zero Waste Director, Athens Services
• Ben Stapleton, Executive Director, LA US Green Building Council
• Gina Goodhill, Policy Director, Clean Power Alliance
• Armando Infanzon, Director Business Development, Southern California Gas

To promote the event, there were multiple approaches to inform the community:

• All Commissions for May, June and July meetings
• Community Services City Event Brochures and email subscriptions
• BHUSD teachers and BHUSD contacts
• Resident email subscribers to Public Works services
• Event posted on the City calendar
• Public Works Newsletter – The Backbone
• City’s Social Media Posts (PW, Community Service, Fire)
• Community Service Camp Families Flyer Distribution
• Community Service Contact e-blast 90210, 90211, 90212
• Next Door Advertisement
• BH Patch Advertisement (BH and Weho)
• Just in Case zone 9 post whatsapp
• KTLA Calendar Website
• Event City Website
• Employee Citywide Email
• Eventbright Posting

Posters and/or flyers were provided at:

• Roxbury Park
• La Cienega Park
• City Hall
• Library
• Farmer’s Market
• Concerts on Canon

The digital copies of the posters were also re-distributed to CAC members, commissions, and various email lists for their use and posting on social media.

Staff and CAC members will provide an oral update about the event.
Item 7
CITY OF BEVERLY HILLS
PUBLIC WORKS DEPARTMENT
MEMORANDUM

TO: Climate Action and Adaptation Plan (CAAP) Community Advisory Committee (CAC)

FROM: Daren Grilley, Assistant Director/City Engineer
       Martha Eros, Transportation Planner

DATE: July 27, 2022

SUBJECT: Beverly Hills Transit System Study

RECOMMENDATION
This report is for information and discussion purposes.

INTRODUCTION
The City’s Complete Streets Plan, adopted in 2021, calls for studying a shuttle service to support connections to the upcoming Metro subway stations on Wilshire Boulevard. A Citywide transit service has also been identified as a way to help reduce transportation-generated greenhouse gas emissions.

At their March 15, 2022, Study Session, the City Council directed staff to begin developing a transit service plan with the Traffic and Parking Commission (TPC) as the advisory body.

Staff interviewed four well-qualified consulting firms with notable experience with transit service planning and operations. Following the review of proposals and references checks, the transportation planning firm of Kittelson & Associates, Inc. (Kittelson) was selected to prepare the transit needs assessment study to identify transit service options. This study, which will include outreach to various groups in the community, will serve as the foundation for the implementation and operation of a citywide transit system.

DISCUSSION
Staff met with the Kittelson consultant team to identify key stakeholder groups to contact for input on transportation needs and suggestions for a proposed pilot transit program. Stakeholder feedback will serve as a foundation in developing proposed transit options for community consideration at a citywide public meeting in August 2022. The stakeholder groups include:

- Businesses/employer community, including but not limited to the Chamber of Commerce, Rodeo Drive Committee, Conference and Visitors Bureau, Robertson and La Cienega Boulevards, Cedars Sinai, and other medical offices;
- Public/educational organizations, including but not limited to the Beverly Hills Senior Board, Beverly Hills Unified School District, PTA leader(s), private schools, the Beverly Hills Police Department, and the City of West Hollywood and Metro Westside Planning for regional network coordination;
• Resident/community stakeholders including residents and employees who participated in prior transportation planning efforts or expressed interest in improving transit or other alternative modes of transportation.

The consultant is currently analyzing existing conditions and ridership data for Beverly Hills and Metro transit services, and systems operated by surrounding jurisdictions and comparable cities.

An online survey (www.beverlyhills.org/transitstudy) was released on July 20 and will be active for four weeks. Hard copies are available on demand by contacting Customer Relations at AskPW@beverlyhills.org or calling 310-285-2467.

From the data analysis and public outreach, the consultant will draft the Unmet Needs Assessment and Suitability Analysis report. This is expected to be presented to the TPC at their October meeting. The report and recommendations of the TPC will then be presented to the City Council. If approved by City Council, a pilot transit program could be developed and implemented this fiscal year.

The project schedule is outlined below.

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Item 8
The CAC Co-chairs may provide as needed updates.
Item 9
The following items will be presented:

1. Upcoming City Council and Commission Agenda Items of Interest:
   a. Public Works Commission- July 21, 2022
      i. Status update for the Water and Wastewater Cost of Service Study
      ii. Proposed framework for prohibiting the use, sale and distribution of certain single-use plastics and styrofoam goods and materials.
   b. Traffic and Parking Commission- August 4, 2022
      i. Update on the City’s current transportation planning study.
   c. City Council- August 23, 2022
      i. Rincon contract amendment for City Council consideration.

2. Upcoming Events
   a. Business with Bosse
      i. Wednesday, July 27, 2022, 5:30 pm to 7 pm at Nerano
   b. Concerts on Canon- Free concert series in Beverly Canon Gardens- June-August- Thursdays 6-8 pm