City of Beverly Hills

9021 zero EMISSIONS

CLIMATE ACTION & ADAPTATION PLAN

CLIMATE ACTION + ADAPTATION PLAN

COMMISSION MEETINGS August 11, 2022
Agenda

- GHG Emissions Recap
- Summary of Mitigation Measure Development Process
- Foundational GHG Mitigation Measures
- Summary of Adaptation Measures Development Process
- Priority Adaptation Measures
- Approval of Mitigation and Adaptation Measures List
- Next Steps and Timeline
2019 Communitywide GHG Inventory

- Solid Waste: 15,352 MT CO$_2$e, 4%
- Water: 4,489 MT CO$_2$e, 1%
- Transportation: 205,533 MT CO$_2$e, 49%
- Energy: 192,897 MT CO$_2$e, 46%

11.9 MTCO$_2$e/capita
GHG Measures
Foundational Mitigation Measures
Mitigation Sectors

- Clean Energy
- New + Existing Buildings
- Transportation
- Solid Waste
- Water + Ecosystems
- Municipal Operations
<table>
<thead>
<tr>
<th>Foundational Strategy</th>
<th>Outcome</th>
<th>Measure</th>
<th>City Department</th>
<th>City Commission</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Clean Energy</strong></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><strong>Building (New Construction and Remodel)</strong></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>
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<tr>
<td><strong>Building (Existing)</strong></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><strong>Complete Streets Plan</strong></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><strong>Shift to Clean Vehicle Miles Travel (VMT)</strong></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><strong>Transit System</strong></td>
<td>Transportation Mode Shift</td>
<td>Performing the feasibility and implementing a transit system in Beverly Hills.</td>
<td>Public Works</td>
<td>Traffic and Parking</td>
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<td><strong>Shift to Clean Vehicle Miles Travel (VMT)</strong></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><strong>Shift to Clean Vehicle Miles Travel (VMT)</strong></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 to support zero emission vehicles (ZEVs).</td>
<td>Public Works</td>
<td>Public Works/ Traffic and Parking</td>
</tr>
<tr>
<td><strong>Solid Waste (SB1383)</strong></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>
Adaptation Measures
Priority Adaptation Measures
Adaptation Sectors

- Community Awareness
- Emergency Response
- Heat Mitigation and Increased Safety
- Wildfire Mitigation
- Flood Mitigation
- City Capacity and Coordination
# Priority Adaptation Measures

<table>
<thead>
<tr>
<th>Measure</th>
<th>Outcome</th>
<th>Timeline</th>
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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>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>
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</table>
### Priority Adaptation Measures

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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>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>
</tr>
</tbody>
</table>
CAC General Feedback

- Foundational GHG Measure Strategies
  - Phased-In and Mandatory
- Incentives
- Adaptation Measures
  - Water and energy resiliency
  - Vulnerable Population
  - Accelerating implementation
- Community Education/Engagement
Next Steps

CAAP Development
- Draft CAAP

Timeline
- Provide CAAP updates by CAC members to Commission from August-October
- Provide draft CAAP to CAC in November
- CAC Meeting in early December for draft CAAP
- Commissions in January 2023
- City Council in first Quarter of 2023

More information can be found at:
www.beverlyhills.org/BHCAAP
Discussion and Questions
Thank you!

Questions?

Email: BHCAAP@beverlyhills.org