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**EMISSIONS**

**CLIMATE ACTION &  
ADAPTATION PLAN**

*City of Beverly Hills*

# CLIMATE ACTION + ADAPTATION PLAN

COMMISSION MEETINGS December 14, 2023

# Agenda

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- Summary of the Climate Action and Adaptation Plan Process
- Adaptation Measures Key Sectors
- Public Works Commission Adaptation Measures
- Discussion
- Next Steps

# Adaptation Sectors

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Community  
Awareness

Emergency  
Response

Heat Mitigation  
and Increased  
Safety

Wildfire  
Mitigation

Flood  
Mitigation

City Capacity  
and  
Coordination



# Priority Adaptation Measures

Measure	Outcome	Timeline
Develop resilient infrastructure and supply networks, including back up sources of water, power, and communications	Emergency Response	3-5 years
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.	Emergency Response	3-5 years
Increase community member participation in emergency notification and preparedness systems	Emergency Response	1-3 years
Create evacuation procedures for vulnerable populations in partnership with CBOs and facilities that serve identified populations.	Emergency Response	3-5 years



# Priority Adaptation Measures

Measure	Outcome	Timeline
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.	Heat mitigation and increased safety/resilience	3-5 years
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	Wildfire mitigation	1-3 years
Continue to include climate hazards/resilience benefits in capital improvement planning and building design. Use projected climate change impacts rather than historical averages.	City Capacity and Coordination	1-3 years



# Public Works Adaptation Measures

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- 15 Adaptation Measures assigned to Public Works.
- Focus is on resilient infrastructure:
  - Water System (Storage and Alternative Water Sources)
  - Electrical Grid
  - Urban Forest
  - City facilities



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# Discussion and Questions



# Discussion

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1. If any, what additional measures need to be included this list?
2. If any, what are some of your concerns with the suggested implementation schedule?
3. What adaptation measures would the Commission want to take as an initiative in the next five years?



# Next Steps

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## Next meeting

- Greenhouse gas (GHG) mitigation measures in February

## Timeline

- 2024 - Ask for CAAP recommendation

More information can be found at:

[www.beverlyhills.org/BHCAAP](http://www.beverlyhills.org/BHCAAP)

# Thank you!

Questions?

Email: [BHCAAP@beverlyhills.org](mailto:BHCAAP@beverlyhills.org)



# Extra slides

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# Public Works Commission Adaptation Measures

Measure Number	Measure	Timeline
CA 1.1	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.	1-3 years
ER 1.1	Develop resilient infrastructure and supply networks, including back up sources of water, power, and communications.	3-5 years
ER 1.6	Coordinate with transit providers to ensure minimal disruption to bus and train service during climate hazard events	3-5 years
HM 1.2	Consider incorporating cool pavement practices into new streetscape or urban design practices	3-5 years



# Public Works Commission Adaptation Measures

Measure Number	Measure	Timeline
HM 1.5	Prepare the urban forest for climate change-exacerbated heat, drought, and wildfire conditions as specified by the Urban Forestry Master Plan Goal 1: Creating a Climate Resilient Urban Forest section	3-5 years
HM 1.7	Enhance local ecosystem health in the City's open space network	5-10 years
WM 1.5	Reduce City managed trees' potential fire hazard in the Very High Fire Severity Zone as specified by actions in the Urban Forestry Master Plan Appendix P – Beverly Hills Wildfire Assessment section 6.1.1	
WM 1.7	Upgrade City-owned facilities north of Sunset as necessary to withstand power outages and potential wildfires	5-10 years



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# Public Works Commission Adaptation Measures

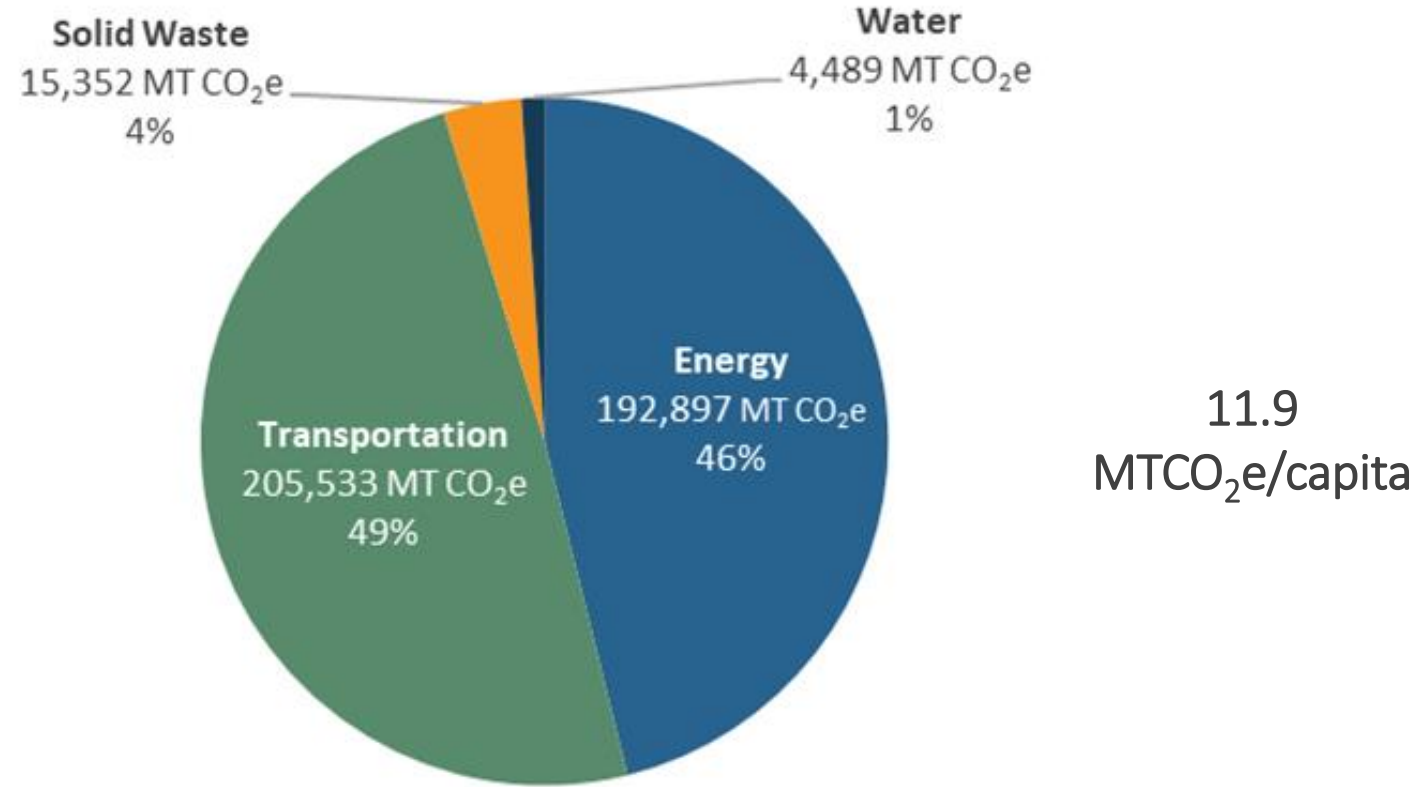
Measure Number	Measure	Timeline
WM 1.8	Increase communication and partner with the City of Los Angeles to encourage them to implement and enforce their fire mitigation policies	3-5 years
WM 1.9	Explore the use of alternative water sources including greywater or recycled water for firefighting purposes	1-3 years
FM 1.1	Design streets to incorporate vegetation, soil, and engineered systems to slow, filter, and cleanse stormwater runoff	1-3 years
FM 1.2	Increase hillside monitoring and stabilization efforts after heavy rain events in areas at risk to landslides	1-3 years
FM 1.3	Partner with the LA County Flood Control District to rehabilitate storm drain lines per the Integrated Water Resources Master Plan	1-3 years



# Public Works Commission Adaptation Measures

Measure Number	Measure	Timeline
CC 1.2	Collaborate with utilities to secure outside funding for resilience efforts.	3-5 years
CC 1.4	Continue to consider climate change vulnerabilities and adaptation strategies in capital improvement planning and building design. Use climate change projections rather than historical averages.	3-5 years

# 2019 Communitywide GHG Inventory





# GHG Measures



# Foundational Mitigation Measures



# Mitigation Sectors

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Clean Energy

New + Existing  
Buildings

Transportation

Solid Waste

Water +  
Ecosystems

Municipal  
Operations



# Adaptation Measures



# Priority Adaptation Measures

