

Climate Action & Adaptation Plan

Review and Comment
City Council, August 22, 2023



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DRAFT GENERAL PLAN AND CLIMATE ACTION & ADAPTATION PLAN AVAILABLE FOR PUBLIC COMMENT

ENTER SELF-GUIDED ONLINE WORKSHOP

COMMENT BY AUGUST 23!

Self-Guided Online Workshop

The Draft 2040 General Plan and Climate Action & Adaptation Plan are now available for public review via the Self-Guided Online Workshop, available starting April 28th through August 23rd, 2023.

Sacramento 2040 Links

PDFs to the full Draft 2040 General Plan and Climate Action & Adaptation Plan are provided below.

- [Public Review Draft 2040 General Plan](#)
- [Public Review Draft Climate Action & Adaptation Plan](#)

Interactive land use maps to support review of these documents are provided below:

- [Proposed 2040 General Plan Land Use and Development Standards Interactive Map](#)

WEBINARS

Optional Orientation Webinars

Translation Channels Available in Spanish and Chinese.



[View flyer](#)

- **Webinar 1:**
Wednesday, May 10th 5:30-7:00pm
[Watch the recording here!](#)
- **Webinar 2:**
Tuesday, June 6th 10:00-11:30am
[Watch the recording here!](#)
- **Webinar 3:**
Thursday, June 29th 5:30-7:00pm
[Watch the recording here!](#)

To view webinar presentation slides, please [click here](#).

GET INVOLVED

Past and Upcoming Meetings

June 1 - Parks and Community Enrichment Commission

June 5 - Youth Commission

June 7 - Disabilities Advisory Commission

June 8 - Planning and Design Commission

June 12 - Arts, Culture, and Creative Economy Commission

June 15 - Active Transportation Commission

June 21 - Historic Preservation Commission

June 22 - Planning and Design Commission

August 8 - City Council

August 22 - City Council

Past and Upcoming Events

Come visit our table at these upcoming events!

June 4: Filipino Fiesta

June 10: Celebrate Oak Park

June 10/11: Sacramento Pride Festival

June 17: Juneteenth

June 24: One Natomas Farmers Market

July 8: Second Saturdays at Florin Square

July 13: Natomas Street Eats

July 14: Oki Park Food Trucks

July 15: Oak Park Farmers Market

July 28: Latino/Chicano Celebration

August 1: National Night Out

August 12: Oak Park Farmers Market

August 19: Concert in the Park @ Cabrillo Park

Mayors' Commission on Climate Change (2020)

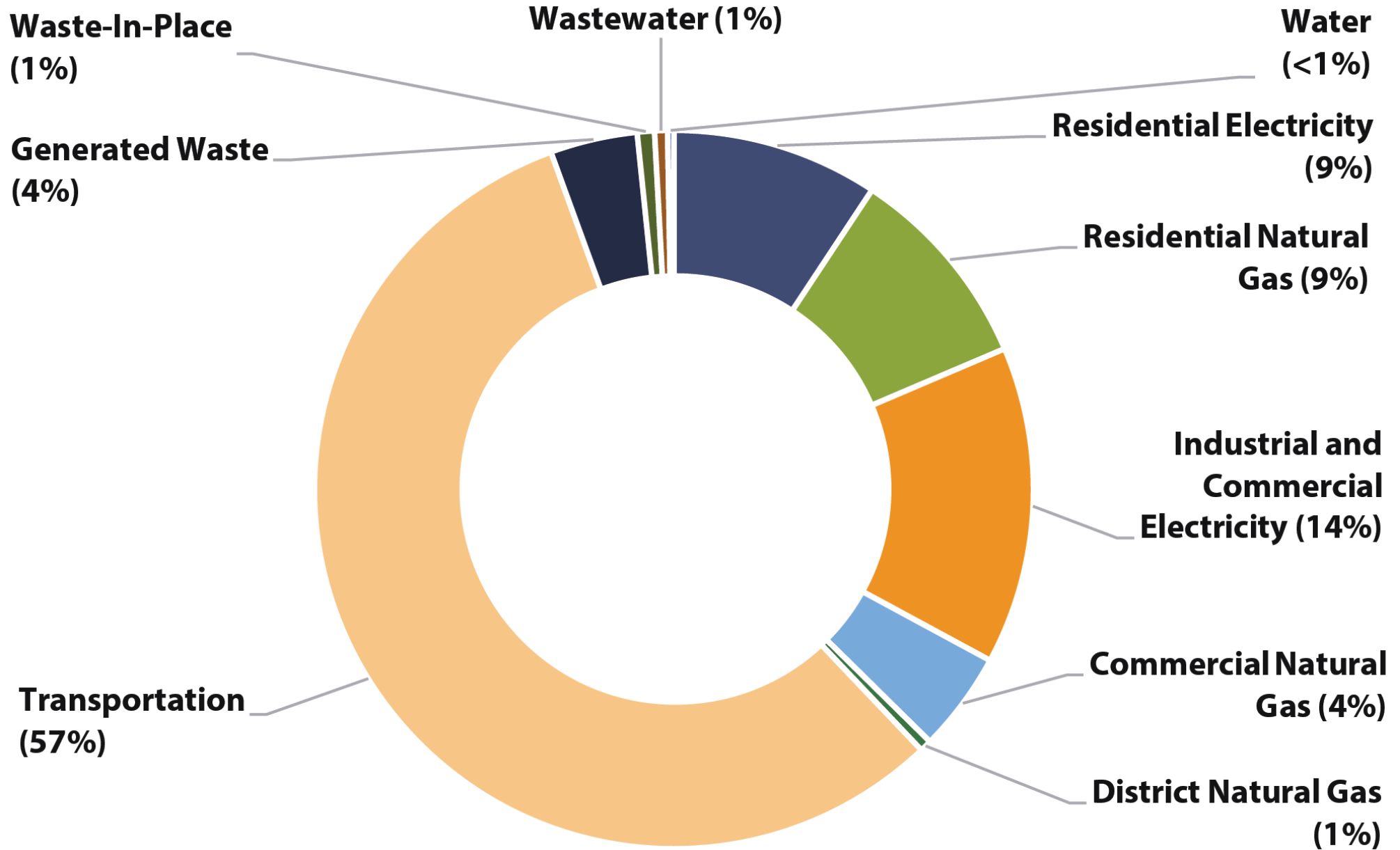
Mayors' Commission on Climate Change

**Achieving Carbon Zero
in Sacramento and West
Sacramento by 2045**



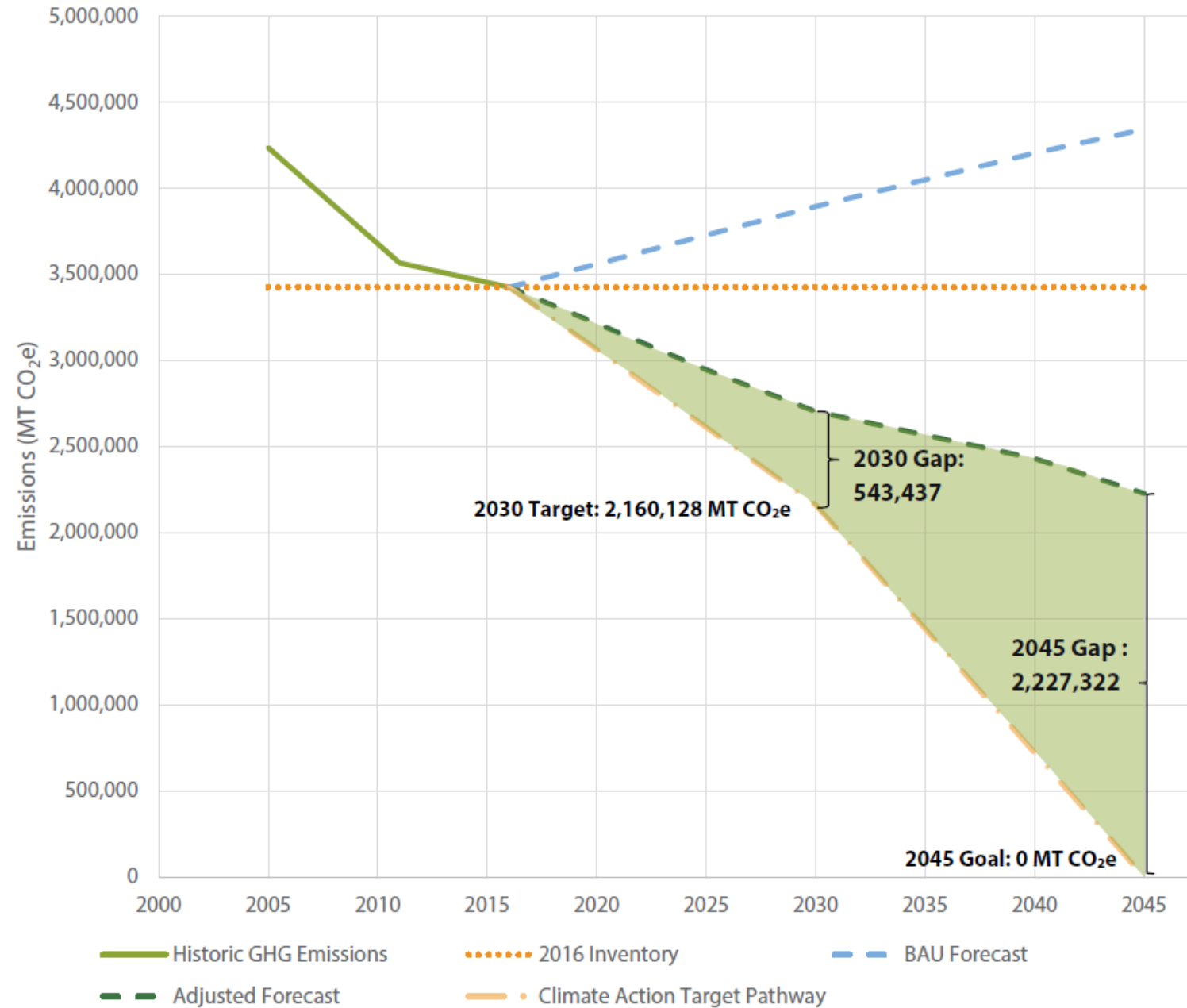
- MCCC recommendations became the foundation for CAAP development.
- MCCC recommendations are basis for specific CAAP actions.
- Consistency considered in all CAAP Measures.
- Requirements for a CEQA Qualified CAAP necessitated some divergence from MCCC recommendations.

Community GHG Emissions by Sector

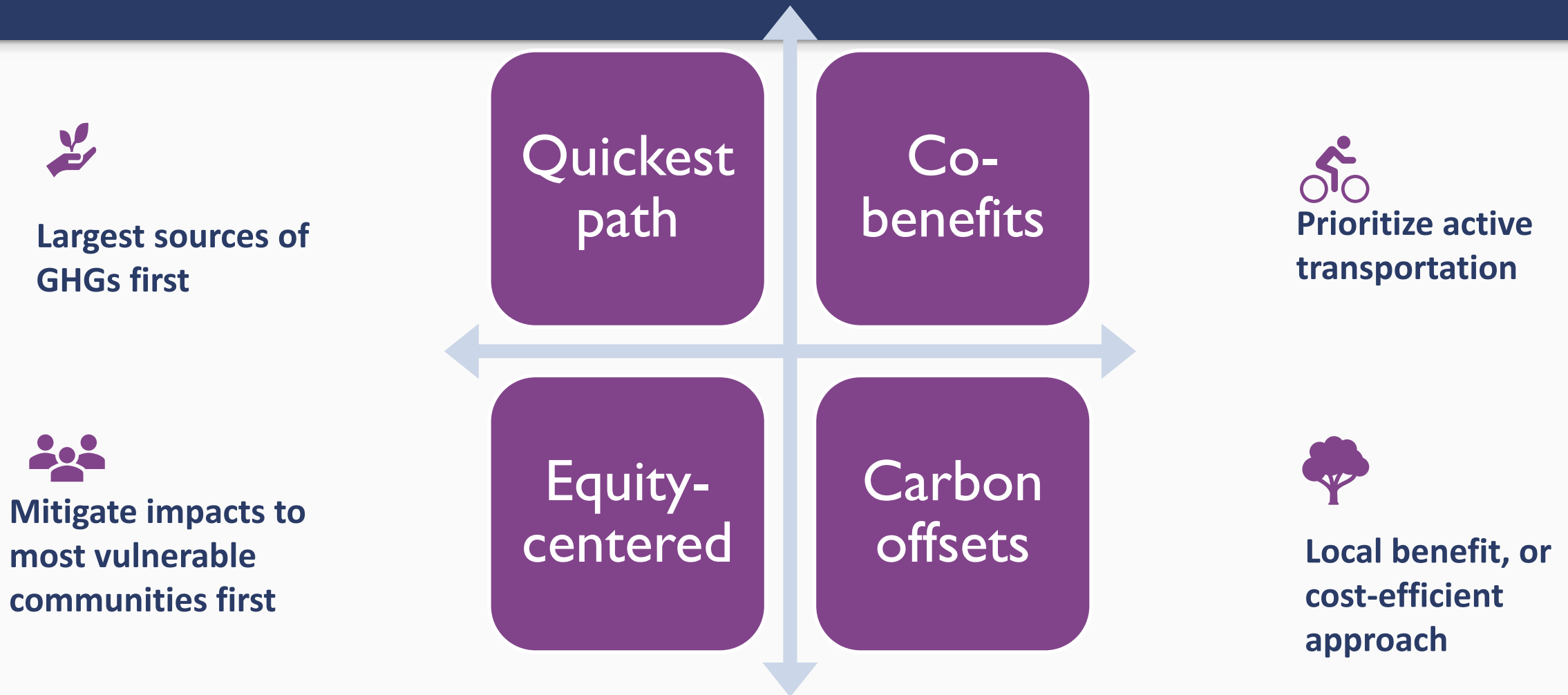


GHG Forecast and Emissions Reduction Targets

- **2030:** Reduce emissions **63 percent below 1990 levels** to 3.63 MT CO₂e per capita.
- **2045:** Reduce emissions **100 percent below 1990 levels** to net zero MT CO₂e per capita.



Considerations for Carbon Neutrality Approach



Preliminary Public Review

- Preliminary Draft Climate Action Plan released July 2022
- Preliminary Draft Climate Change Vulnerability Assessment and Adaptation Chapter released October 2022
- Over 80 comment letters and emails received



City of
SACRAMENTO

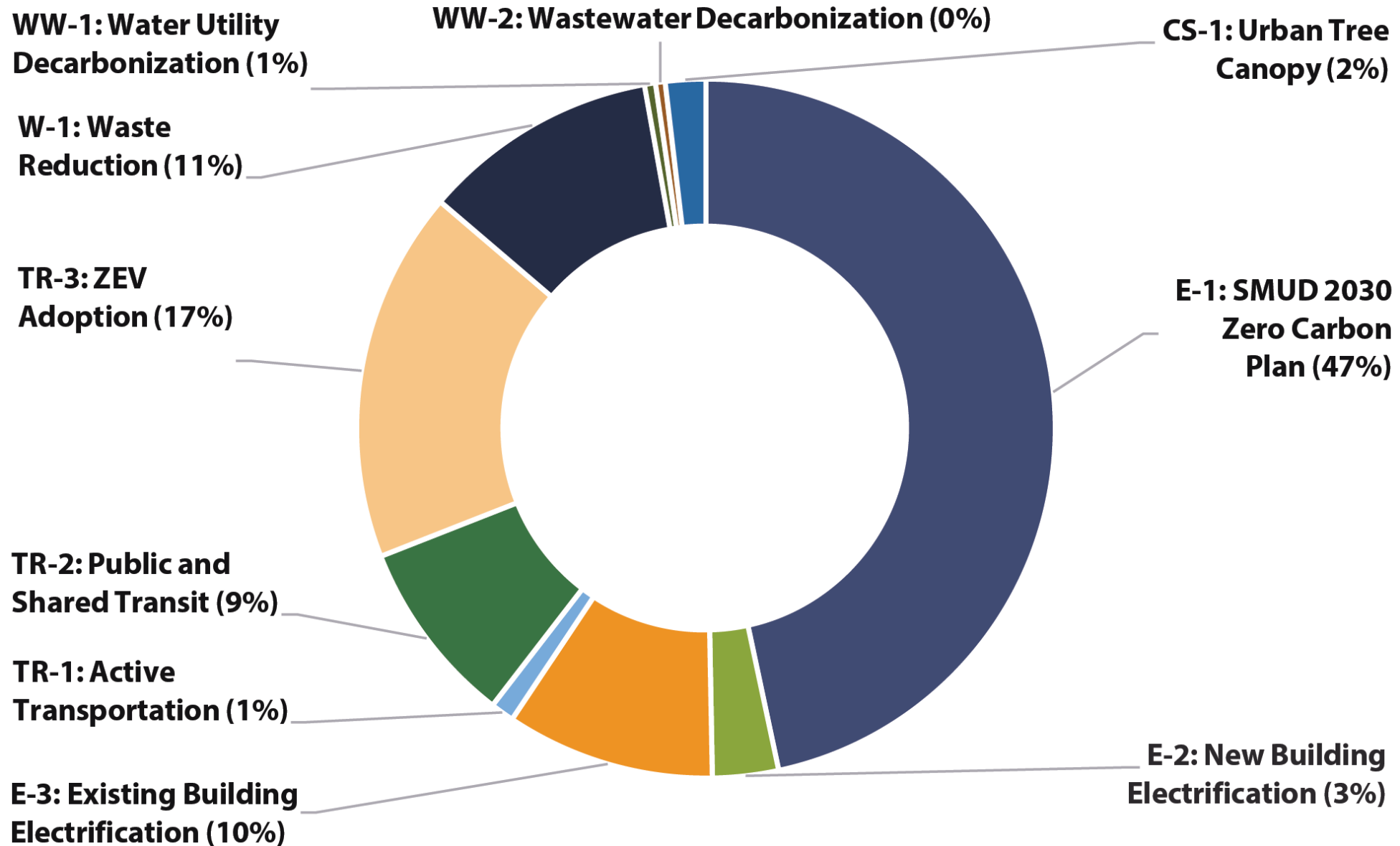
Preliminary
**Climate Action &
Adaptation Plan**



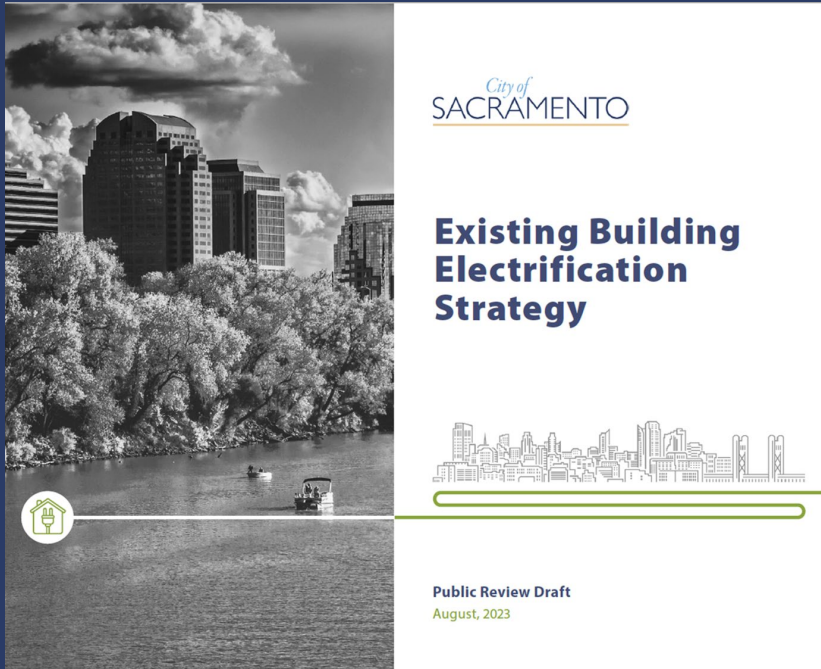
Public Review Draft

July 1, 2022

Percent GHG Reduction by Measure (2030)



Built Environment Measures



- Support SMUD as it Implements the 2030 Zero Carbon Plan
- Eliminate Natural Gas in New Construction
- Transition Natural Gas in Existing Buildings to Carbon-free Electricity
- Increase the Amount of Electricity Produced and Stored Locally
- Support Infill Growth

Transportation Measures



- Prioritize investments in Active Transportation and Transit
- increase Active transportation mode share
- Increase public transit mode share
- Support Zero-Emission Vehicle Adoption

CAAP Emissions Reduction Targets and Pathway

- **2030:** CAAP Measures projected to reduce emissions below 2030 Target Pathway.
- **2045:** CAAP Measures projected to reduce majority of emissions.

Forecast Scenario	2030 GHG Emissions (MT CO ₂ e)	2045 GHG Emissions (MT CO ₂ e)
Adjusted Forecast	2,703,565	2,227,322
Total CAAP Reductions	-1,235,034	-2,060,976
Built Environment	-733,205	-537,089
Mobility	-331,995	-1,289,999
Waste	-134,991	-160,897
Water & Wastewater	-11,791	-11,517
Carbon Sequestration	-23,053	-61,474
CAAP Adjusted Forecast (Adjusted Forecast minus CAAP Reductions)²	1,468,531	166,345
Target Pathway	2,160,128	0
Remaining Gap to Target	-691,597	166,345

Climate Change Vulnerability Assessment

- Climate change impacts
- Vulnerable areas and populations
- Critical facilities at risk
- Existing adaptive capacity



City of Sacramento Climate Action and Adaptation Plan

Appendix G - Climate Change Vulnerability Assessment

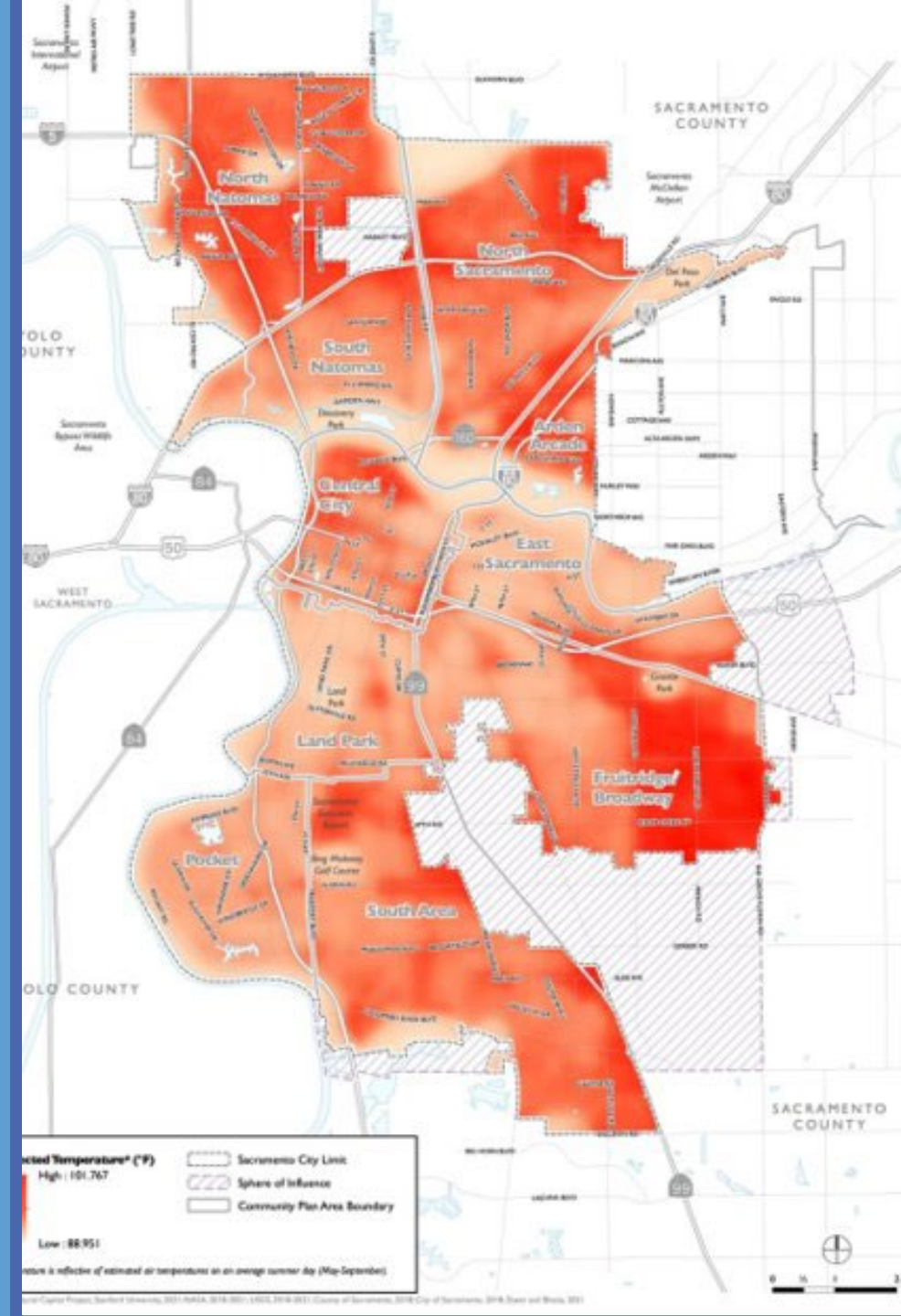
PUBLIC REVIEW DRAFT

Prepared by
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April 2023

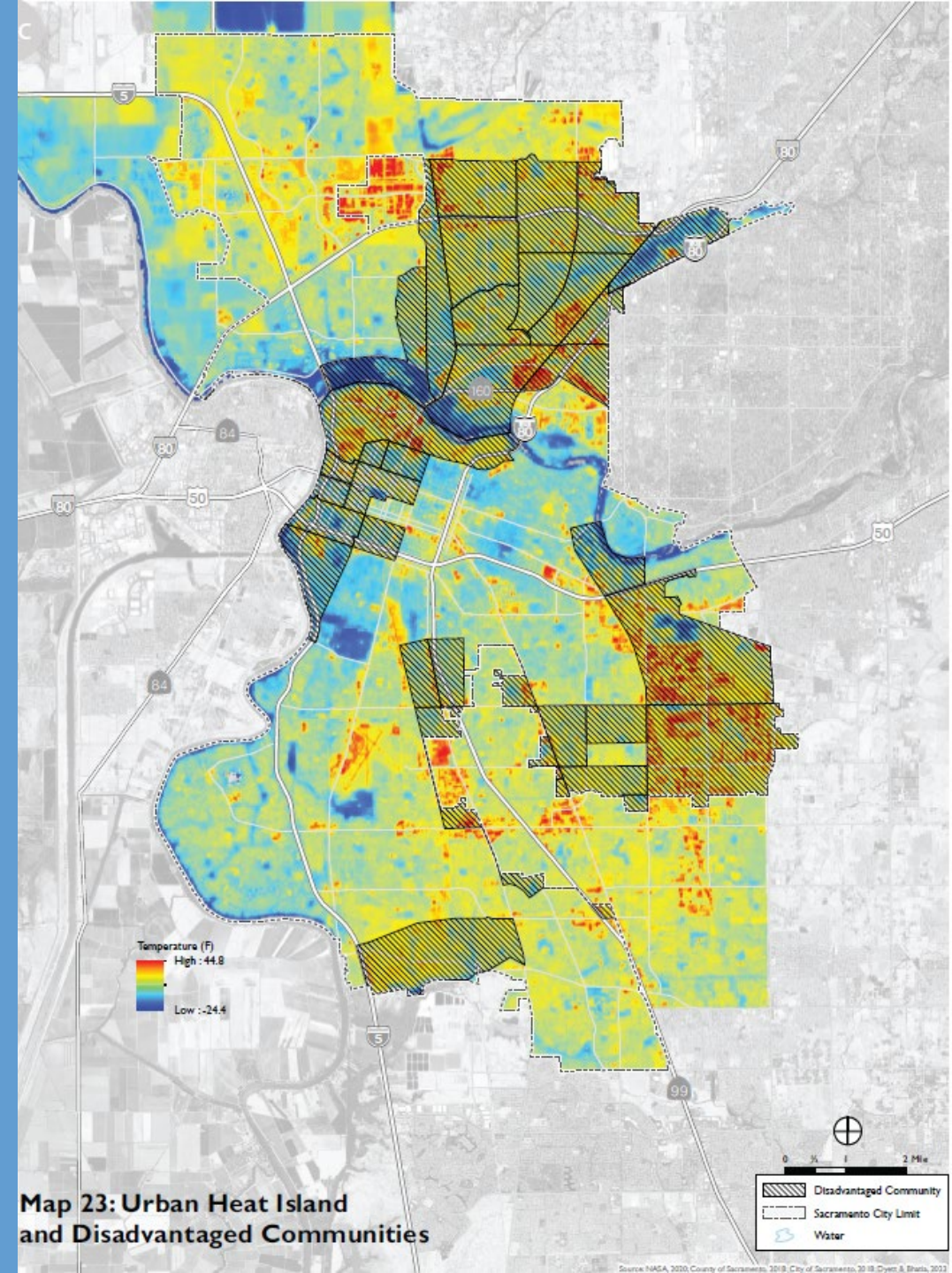
Key Climate Change Impacts

- Temperature increase
- Changes in precipitation
- Increased Flood Risk
- Increased wildfires and air quality impacts



Risk x Vulnerability

- Where and how do climate hazard risks overlap with vulnerable populations
- Prioritized to maximize co-benefits, including environmental justice and climate equity



Adaptation Priorities

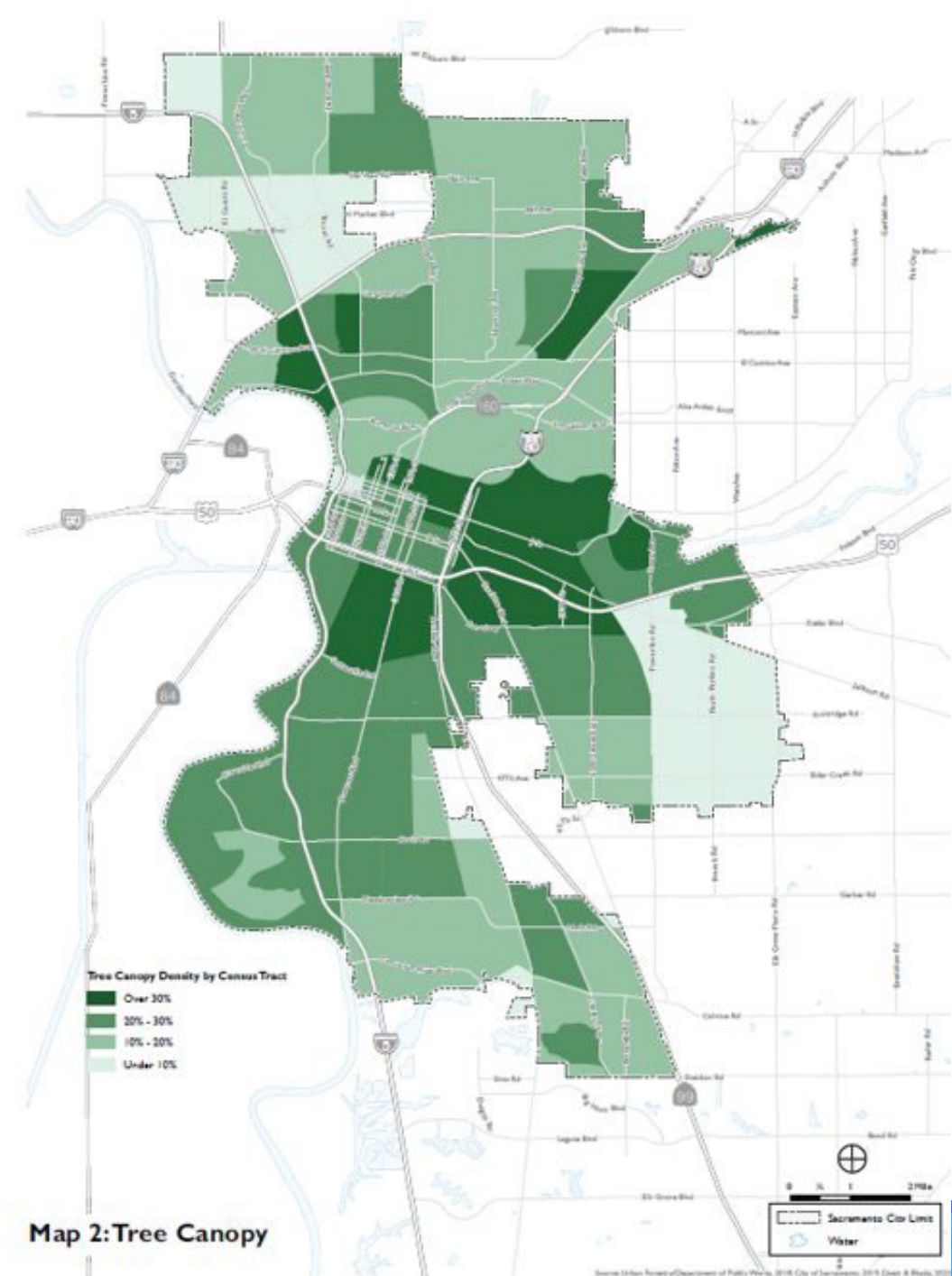
- City Government Capacity to Implement Climate Adaptive Strategies
- Extreme Heat and Urban Heat Island Effect
- Flooding
- Air Quality Impacts of Wildfires and Heat
- Climate Disaster Events
- Water Supply Availability and Water Conservation



Create built environments that reduce exposure to extreme heat and mitigate urban heat island effect

13 policies and 14 supporting actions, including:

- Heat Reduction in the Public Realm
- Urban Forest Plan
- Expand tree canopy to 35% by 2045
- Street Standards for Tree Canopy
- Heat Reduction in Parks



Additional Key Adaptation Policies and Actions

- Regional and neighborhood-level resilience coordination
- Air quality monitoring and air filtration
- Water resiliency projects including groundwater banking and well replacement
- Improve water efficiency and encourage low water landscapes
- Flood resilient materials and design techniques

WHAT WE'VE HEARD SO FAR

- Extreme heat
- Tree canopy and urban forest
- Air quality
- Equity for lower income neighborhoods
- Urgency of carbon neutrality
- Reduced parking
- land use, active transportation and transit
- Water supply and groundwater resilience

NEXT STEPS



- Self-Guided Online Workshop – August 23 Preferred
- Public Review Draft MEIR Released - August 24
- Public Comment on Draft GP, CAAP, and MEIR closes on October 10
- Final Draft CAAP Preparation – late 2023
- Adoption Hearings Early 2024

QUESTIONS?

Submit Questions and
Comments:

caap@cityofsacramento.org

