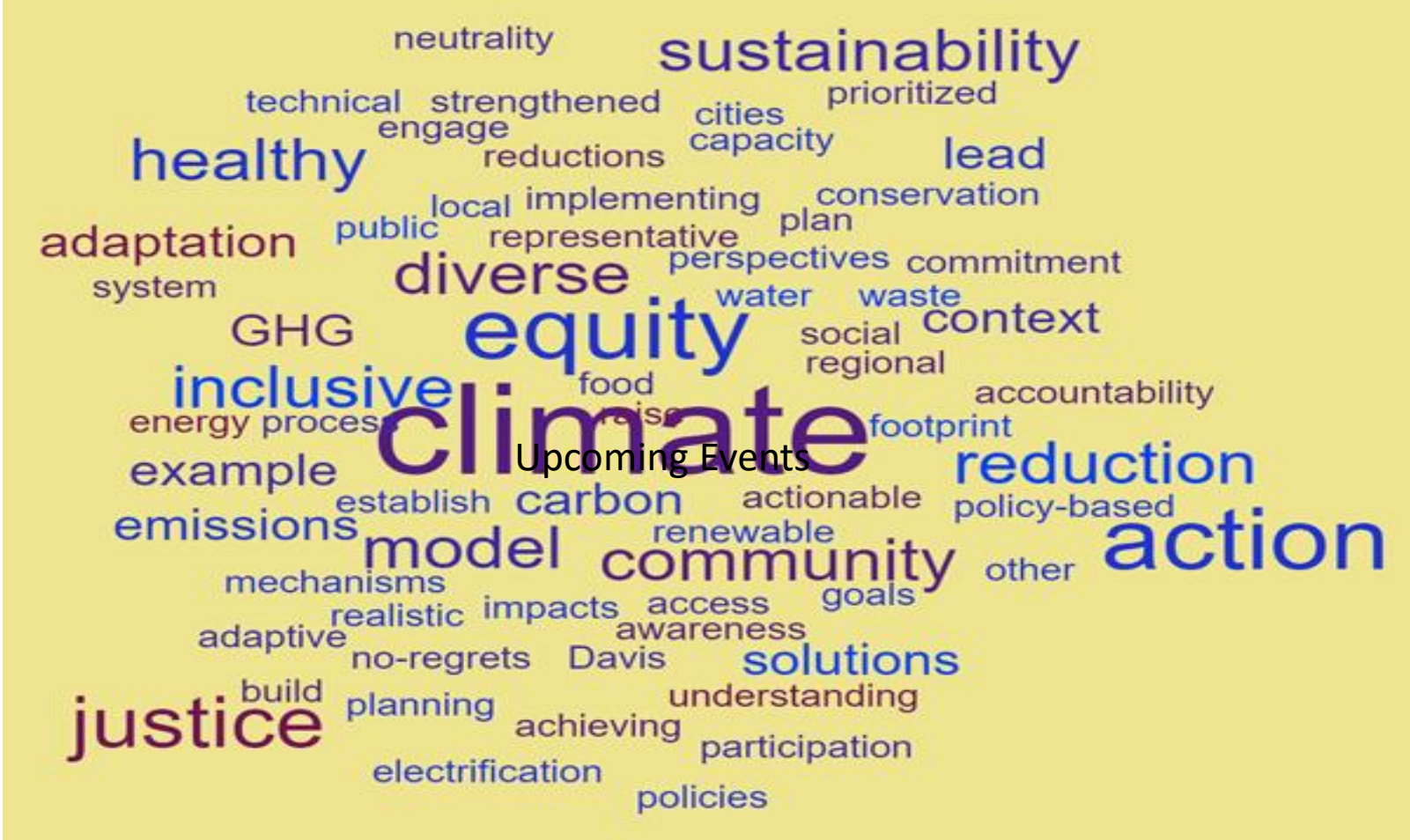


Climate Action & Adaptation Plan (CAAP)



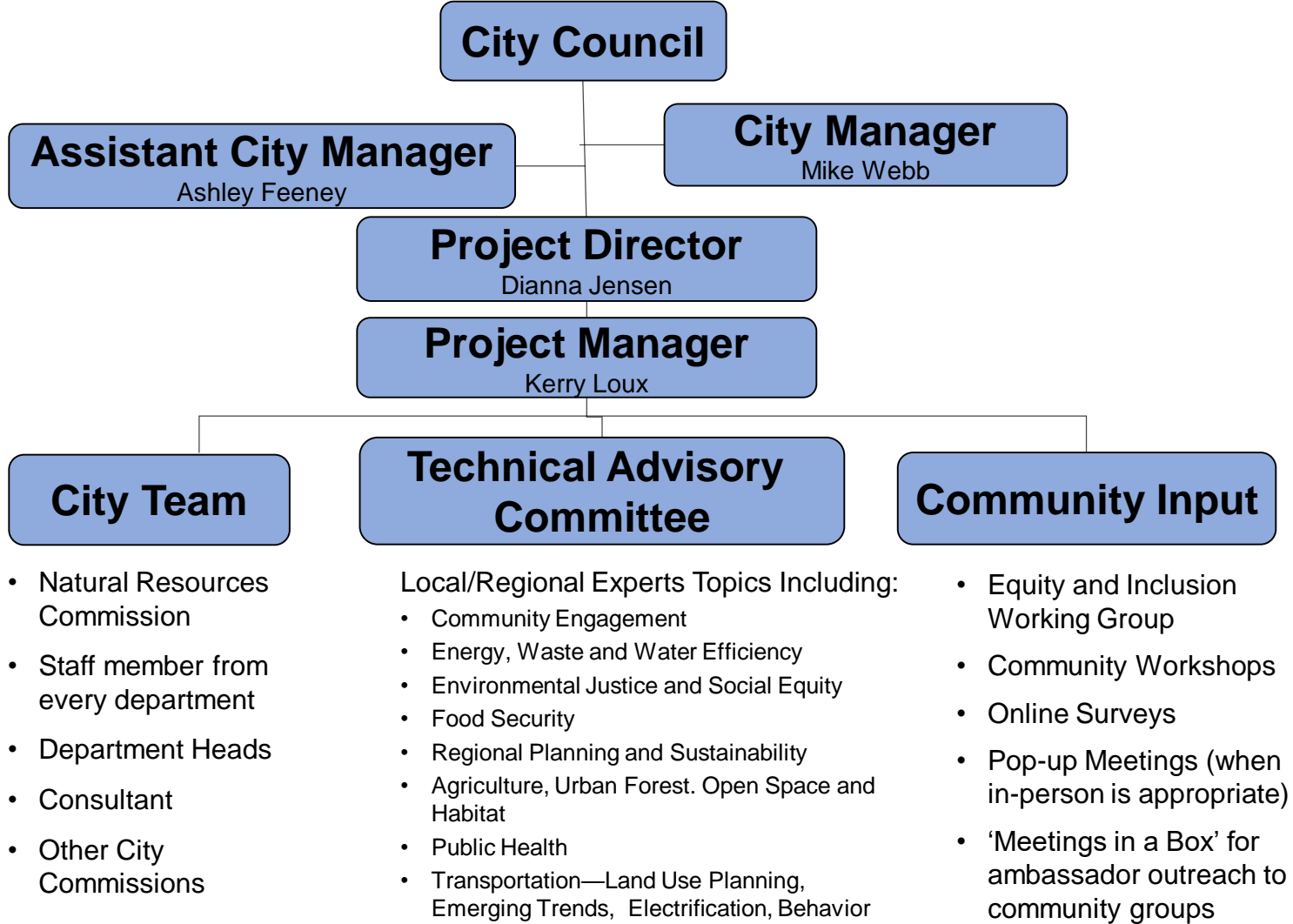
Upcoming Events

<https://www.cityofdavis.org/sustainability/2020-climate-action-and-adaptation-plan-caap>

CAAP Project Framework

- 1. Community Outreach:** stakeholders and community participants are offered a range of opportunities to give CAAP input, including community workshops, online surveys, pop-ups at community events, a CAAP-dedicated webpage and email contact, and a listserve to receive up-to-date information. Community partners such as Cool Davis receive regular updates on CAAP progress.
- 2. City Team:** This includes the city staff project management team, an interdepartmental Internal Staff Team with every department represented, the consultant, City Council and Commissions.
- 3. Technical Advisory Committee:** This includes local and university technical experts representing significant areas of expertise and knowledge related to CAAP development to support the city team.

City of Davis CAAP 2020 Organizational Chart



December 2020 to December 2021

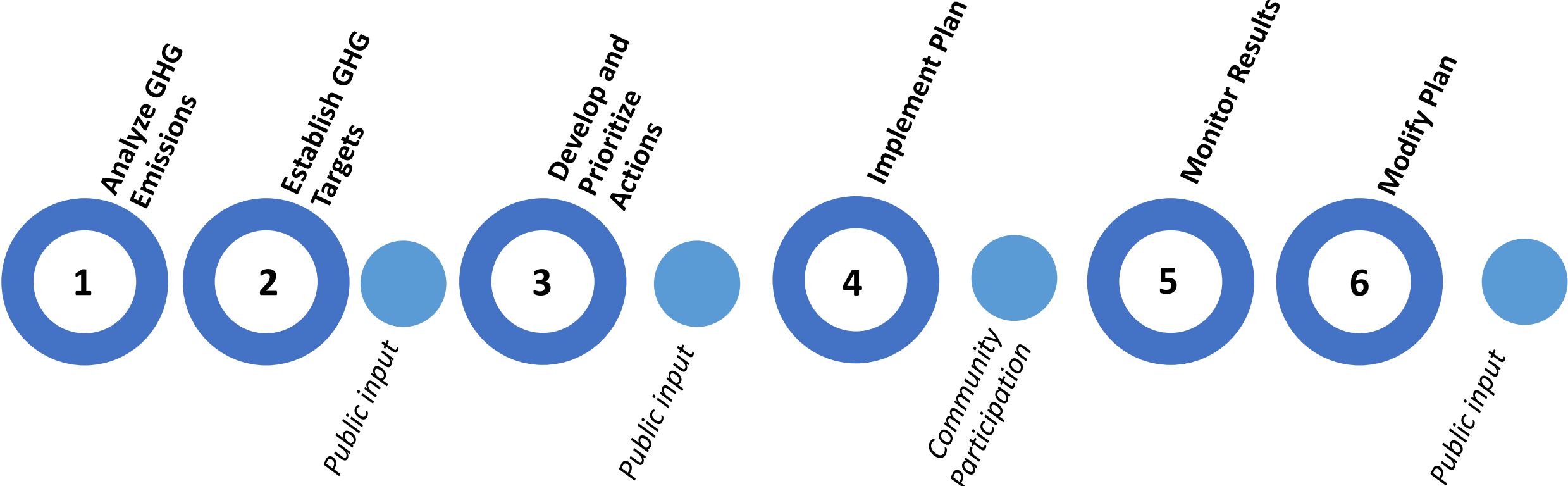
CAAP Project Goals

- **SUPPORT recent City Council actions to establish climate action and carbon reduction policies**
 - Demonstrate City's commitment to climate action and expand on City's existing 2010 CAAP
 - Provide measurable actions to achieve accelerated 2040 carbon neutrality goal
 - *Beyond California's 2018 Executive Order (EO) B-55-18 for statewide carbon neutrality by 2045*
 - Meet commitments in 2019 City of Davis Climate Emergency Resolution
- **INCORPORATE / PRIORITIZE EQUITY and INCLUSION**

throughout CAAP process, including robust community engagement
- **ESTABLISH communitywide GHG reduction target for 2030**
 - Interim target to be defined to support future project CEQA streamlining
 - Align with State's 2030 AB32 target and City's 2030 target
- **EVALUATE / IDENTIFY strategies to reduce climate risk**

by assessing primary local climate vulnerabilities/hazards
- **COMPLY with current state legislation**

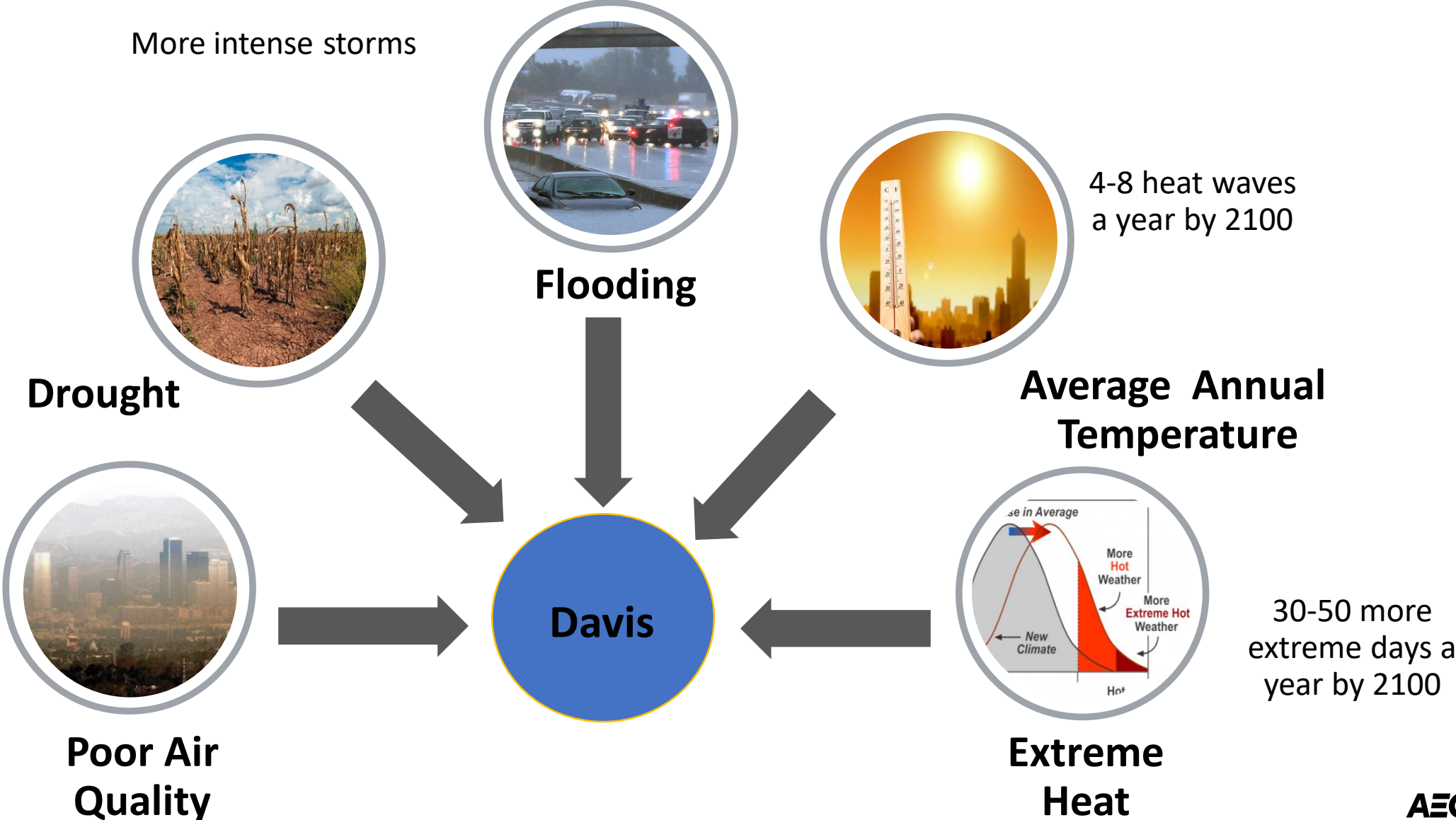
CAAP Planning Process



CAAP Draft Timeline



What Climate Threats Will Affect Davis?



Highlights of Vulnerability Assessment Results

- In Yolo County top health issues of concern include obesity, heart disease, and diabetes
- Health or socioeconomic issues are correlated to increased sensitivity to climate hazards
- Climate stressors such as extreme heat and wildfire can exacerbate health issues
- Outdoor workers, people who bike/walk or take transit may be more exposed to extreme heat and poor air quality



Where do Davis' GHG Emissions Come From?



74%

Transportation



19%

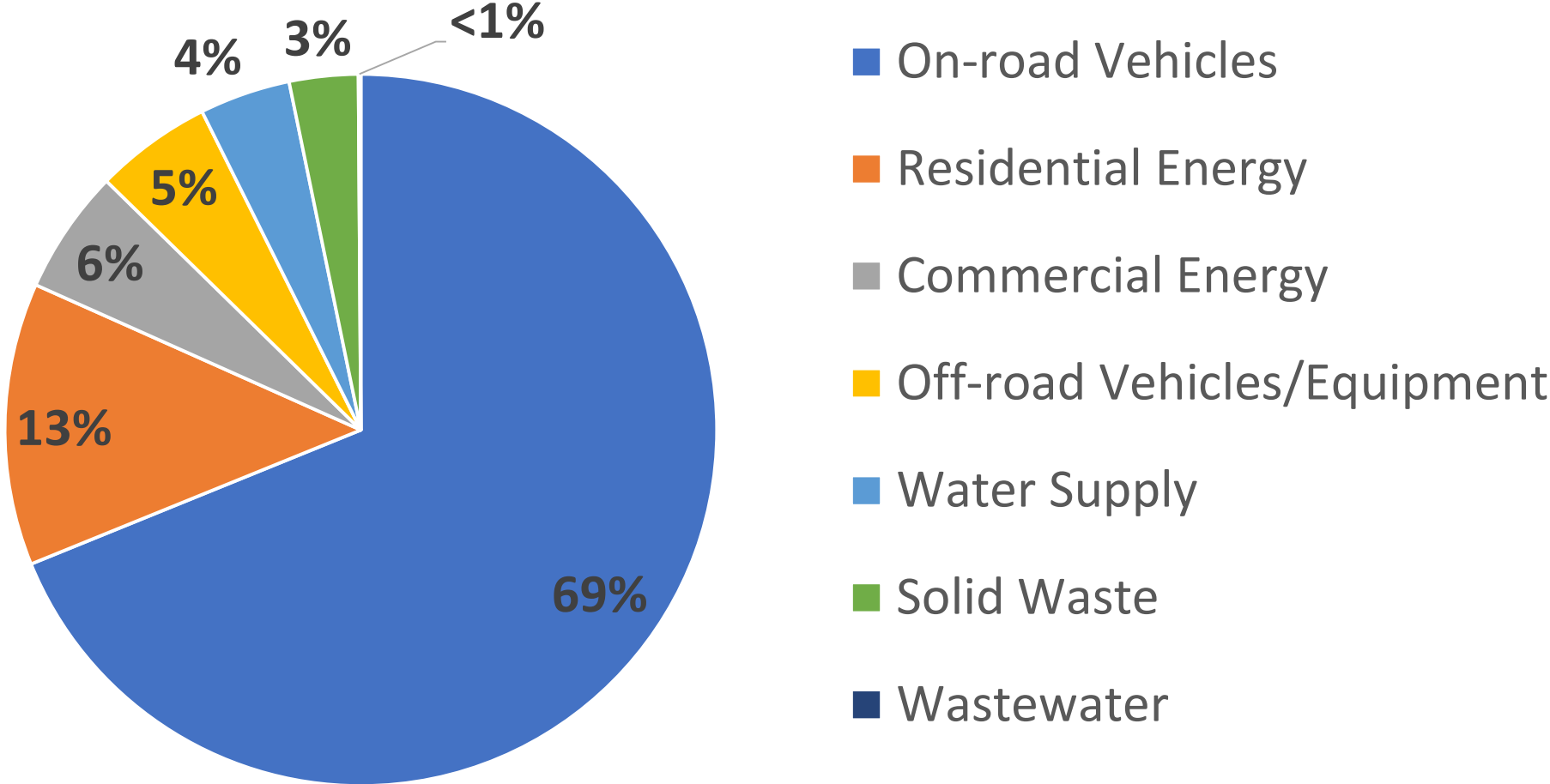
Buildings + Energy



7%

Solid waste + wastewater
treatment

City of Davis DRAFT 2016 Greenhouse Gas Inventory



Source: Data compiled by Ascent Environmental in 2020

Prioritize GHG Actions in Davis CAAP

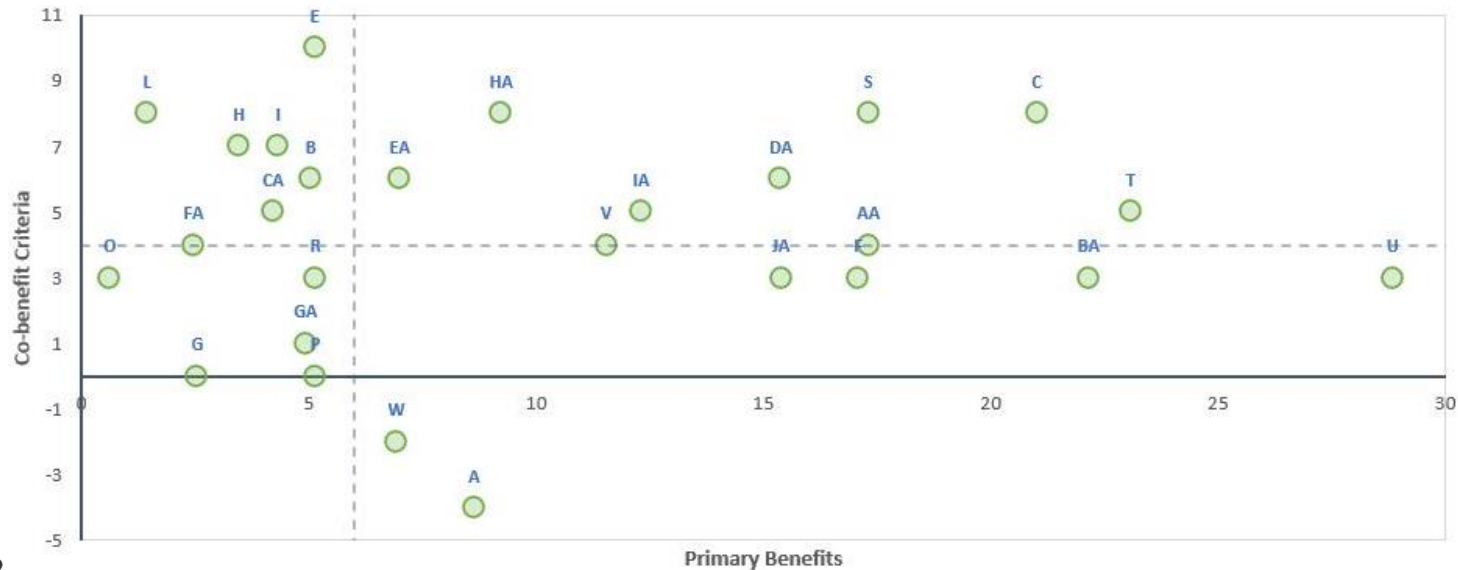
GHG Reduction Potential Co-Benefits Analysis Feasibility (Cost, Local Control, etc.)

- Develop Evaluation Criteria important to community and relevant to CAAP
 - Co-benefits
 - Feasibility Criteria
- Develop draft actions
- Use Action Selection and Prioritization (ASAP) tool
 - Evaluate actions for GHG potential, co-benefit impact, and feasibility\
 - Compare and assess actions in ASAP
- Select and prioritize top actions

ASAP



Co-benefit Criteria vs Primary Benefits



Legend (all matrices)

Use this table to identify actions by Action ID on all three matrices

Action ID	Action Title
A	Ordinance: Require renewable energy systems in new non-residential development
B	Incentive: Low interest solar loan program
C	Program: Community Solar
E	Increase building electrification through replacement of natural gas appliances
F	Develop a rental licensing program with energy disclosure requirements
G	Develop a home energy audit program
H	Increase express bus routes and dedicated bus lanes
I	Increase frequency and connectivity of transit options
L	Increase bicycle and scooter infrastructure
O	Implement an outreach and awareness campaign for waste diversion
P	Enforce existing requirements for multi-family residential and commercial property recycling programs

Meeting	Month	Tentative Topics
Survey #1	April	<ul style="list-style-type: none"> • Feedback on climate-related community benefits
Workshop #1	April	<ul style="list-style-type: none"> • Community greenhouse gas context and understanding Davis' climate threats, providing strategy ideas
Workshop #1A	May	<ul style="list-style-type: none"> • Community equity and inclusion discussion
City Council	June	<ul style="list-style-type: none"> • Plan update and review draft CAAP strategies
Survey #2	June	<ul style="list-style-type: none"> • Feedback on proposed strategies and priorities
Workshop #2	July	<ul style="list-style-type: none"> • Review mobility & energy / buildings actions (same workshop offered at two different times)
Workshop #3	July	<ul style="list-style-type: none"> • Review waste, water & natural resources actions (same workshop offered at two different times)
Workshop #4	September	<ul style="list-style-type: none"> • Provide feedback on priority actions
City Council	October	<ul style="list-style-type: none"> • Share final CAAP strategies

Introductory CAAP Workshop #1, April 22, 2021

- ❑ Workshop Goals: provide an introductory conversation to the Climate Action and Adaptation Plan
 - ❑ Over 100 participants (including staff)
 - ❑ Nine breakout rooms to discuss issues
 - ❑ City Team listened to community input on shaping climate actions and presented background information

- ❑ Participants had opportunity to:
 - Understand why Davis is undertaking this plan
 - Learn more about actions we can take to reduce our carbon footprint and prepare for extreme events
 - Provide input and share ideas to shape climate actions
 - Learn about additional opportunities for input

CAAP Upcoming Events

Cool Davis Coalition Panel

Tonight, May 19, 4:30 PM (www.cooldavis.org)

Resilience & Equity Workshop

May 27, 5 PM

CAAP List Serve Sign up NOW

Online Survey NOW thru May 30