



**CHICO**  
**CLIMATE ACTION COMMISSION**  
**REGULAR MEETING AGENDA**  
**THURSDAY, APRIL 14, 2022 - 6:00 P.M.**  
(VIRTUAL MEETING)

# Chico

## CLIMATE ACTION COMMISSION

Cheri Chastain, Chair  
Mark Stemen, Vice Chair  
Ann Bykerk-Kauffman  
Ashley Koller  
Brian Kress  
Kirk Monfort  
Joshua Pierce

**Copies of this agenda  
available from:**  
Community Development Department  
411 Main Street, 2<sup>nd</sup> Floor  
Chico, CA 95928  
(530) 879-6800

Or

[www.chico.ca.us](http://www.chico.ca.us)

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**Posted:** April 7, 2022  
**Prior to:** 5:00 p.m.

*The Commission appreciates your cooperation in turning off all cell phones during this meeting.*

### **City Staff**

Brendan Vieg – Community Development Director  
Molly Marcussen – Associate Planner



*Please contact the City Clerk at (530) 896-7250 should you require an agenda in an alternative format or if you need to request a disability-related modification or accommodation in order to participate in a meeting. This request should be received at least three working days prior to the meeting in order to accommodate your request.*

## Information and Procedures Concerning Climate Action Commission Meetings

### Public Participation:

All members of the public may address the Climate Action Commission on any item listed on the agenda. Public participation in the hearing process is encouraged.

Please step up to the podium microphone when addressing the Commission.

Each speaker will be asked to voluntarily state his/her name before speaking, and after speaking to voluntarily write his/her name on a record to be maintained by the City Staff.

The Commission and City staff will ensure order and decorum during all Commission meetings. Persons demonstrating rude, boisterous or profane behavior will be called to order by the Chair. If such conduct continues, the Chair may call a recess, requesting the removal of such person(s) from the Council Chamber, adjourn the meeting or take other appropriate action.

### Time Limit:

Presentations should be limited to a maximum of three (3) minutes, unless otherwise determined by the Chair.

A speaker may not defer his/her time to other speakers.

Groups or organizations are encouraged to select a spokesperson to speak on their behalf. Each subsequent speaker is encouraged to submit new information, rather than repeating comments made by prior speakers.

### Written Material:

The Climate Action Commission may not have sufficient time to fully review written materials presented at the public hearing. Interested parties are encouraged to provide written materials at least eight (8) days prior to the public hearing to allow distribution with the Climate Action Commission's agenda packet to provide adequate time for review by the Climate Action Commission. Written materials submitted in advance of the public hearing must be submitted to the City of Chico, Community Development Department, 411 Main Street, 2<sup>nd</sup> Floor, or by mail to: P. O. Box 3420, Chico, CA 95927. Materials related to an item on this agenda submitted to the Climate Action Commission after distribution of the agenda packet are available for public inspection in the Community Development Department at 411 Main Street, 2<sup>nd</sup> Floor, Chico, CA 95928 during normal business hours.

### Hearing Impaired:

Anyone who has difficulty hearing the proceedings of a meeting may be provided with a portable listening device by requesting one from the City Staff. The device works directly from the public-address system, and the listener can hear all speakers who are using a microphone.

### Special Presentations:

Special presentations which include slides, films, etc. during the course of a meeting will only be allowed with **prior** approval of the Climate Action Commission.

### Business from the Floor:

The Chair will invite anyone in the audience wishing to speak to the Climate Action Commission to identify themselves and the matter

they wish to discuss which would involve matters not already on the posted agenda.

The Commission may also be direct that a matter be placed on a future agenda, provide direction to staff, or request that staff research a particular issue. No action may be taken until a subsequent meeting.

### Agenda Copies are:

-Available at the meeting.

-May be mailed by subscription, at an annual cost set forth in the City of Chico Fee Schedule.

-May be picked up the Friday prior to the meeting at the Community Development Department without charge.

-Available on the internet at [www.chico.ca.us](http://www.chico.ca.us)

### Copies of Agenda Reports are:

-Available for public inspection at City of Chico Community Development Department the Friday prior to the meeting.

-Copies may be obtained after payment of applicable copy fees.

### Agenda Items:

The agenda items will be considered in the order listed unless the Commission requests a change. In order that all items may be considered, any item may be continued to another meeting if it appears there will be insufficient time for full consideration of the item.

### Items Not Appearing on Posted Agenda:

This agenda was posted on the Council Chamber bulletin board at least 72 hours in advance of this meeting. For each item not appearing on the posted agenda, upon which the Climate Action Commission wishes to take action, the Commission must make one of the following determinations:

1. Determine by a majority vote that an emergency exists as defined in Government Code Sec. 54956.5.
2. Determine by a two-thirds vote, or by a unanimous vote if less than two-thirds of the Climate Action Commission is present, that need to take immediate action and that the need for action came to the attention of the City subsequent to the agenda being posted.

### Use of Cell Phones During Meetings:

The Climate Action Commission appreciates your cooperation in turning off all cell phones.

### Appeal of Climate Action Commission Decision:

Any aggrieved person or persons dissatisfied with a Climate Action *Commission* decision may appeal that decision to the City Council within 10 calendar days. In accordance with Government Code Section 65009, if any person(s) challenges the action of the Climate Action *Commission*, said person(s) may be limited to raising only those issues that were raised at the public hearing described in this notice, or in written correspondence delivered to the Climate Action *Commission* at, or prior to, the public hearing.

**CITY OF CHICO**  
**CLIMATE ACTION COMMISSION**  
**REGULAR MEETING OF THURSDAY, APRIL 14, 2022**  
Municipal Center - 421 Main Street - Council Chambers - 6:00 pm  
(Virtual Meeting)

**PUBLIC PARTICIPATION:** *This meeting is being conducted in accordance with Executive Order N-29-20. Members of the public may virtually attend the meeting using the City’s Zoom platform.*

Zoom public participants may use the following information to remotely view and participate in the Climate Action Commission meeting online:

**Event Name:** Climate Action Commission Meeting

**Date/Time:** Thursday, April 14, 2022, at 6:00 PM

**Event URL:** <https://us06web.zoom.us/j/85125591798?pwd=ZDJSc0FKblJvTU93dlZiQXZQZ1Bhdz09>

**Password:** Climate22

**Webinar ID:** 851 2559 1798

**Call-in #:** +1 669 900 6833 or +1 408 638 0968    **Call-in Password:** 752830942

**1. CALL TO ORDER**

**1.1. Roll Call**

**2. CONSENT AGENDA**

*All matters listed under the Consent Agenda are considered routine and will be enacted by one motion. There will be no separate discussion of these items unless requested by a member of the Climate Action Commission. A member of the public may request that an item be removed, provided the item does not relate to a noticed hearing which has been closed to further public comment. **Items removed from the Consent Agenda will be considered immediately following the approval of the Consent Agenda.***

**2.1. Approval of Minutes**

March 10, 2022 (Attachment A)

**3. ITEMS FOR DISCUSSION**

**3.1. Butte County Association of Governments Presentation**

Butte County Association of Governments (BCAG) Executive Director Jon Clark will present on BCAG activities and plans to reduce GHG emissions.

**4. BUSINESS FROM THE FLOOR/PUBLIC COMMENT**

*Members of the public may address the Commission at this time on any matter not already listed on the agenda, with comments being limited to three minutes. The Commission cannot take any action at this meeting on requests made under this section of the agenda.*

**5. REPORTS & COMMUNICATIONS**

*These items are provided for the Commission 's information. Although the Commission may discuss the items, no action can be taken at this meeting. Should the Commission determine that action is required, the item or items may be included for action on a subsequent posted agenda.*

**6. ADJOURNMENT**

Adjourn to the Adjourned Regular Meeting of Thursday, May 12, 2022.

**CLIMATE ACTION COMMISSION**  
**REGULAR MEETING OF THURSDAY, MARCH 10, 2022**  
Municipal Center - 421 Main Street - Council Chambers - 6:00 pm  
(Virtual Meeting)

Commissioners Present: Cheri Chastain, Chair  
Mark Stemen, Vice Chair  
Ann Bykerk-Kauffman  
Ashley Koller  
Brian Kress  
Kirk Monfort

Commissioners Absent: Joshua Pierce

Staff Members Present: Molly Marcussen, Associate Planner

**1. CALL TO ORDER**

Chair Chastain called the meeting to order at 6:02 pm.

**1.1. Roll Call**

Commissioners were present as noted above.

**2. CONSENT AGENDA**

**2.1. Approval of Minutes**

*Commissioner Monfort moved to approve the minutes. Vice Chair Stemen seconded. Minutes approved 6-0-1.*

**3. ITEMS FOR DISCUSSION**

**3.1. Climate Action Plan Update**

Associate Planner Molly Marcussen gave a presentation on the Climate Action Plan Update that was adopted by City Council in November 2021 (see PowerPoint presentation as **Attachment A**).

**4. BUSINESS FROM THE FLOOR/PUBLIC COMMENT**

None.

**5. REPORTS & COMMUNICATIONS**

Associate Planner Molly Marcussen gave the commission an update on guest speakers that will be attending future Climate Action Commission meetings.

**6. ADJOURNMENT**

Meeting adjourned at 7:03 pm to the Regular Meeting of Thursday, April 14, 2022.

A large, dark silhouette of a tree stands prominently in the center of the frame. The background is a soft, hazy sunset or sunrise, with the sun low on the horizon, creating a warm, golden glow. The sky transitions from a pale yellow near the horizon to a clear, light blue at the top. In the foreground, there is a field of tall, thin plants, possibly a field of grain or a similar agricultural setting, which is slightly out of focus. The overall mood is serene and natural.

# Chico Climate Action Plan Update

# Goals for CAP Development

- Align with state-level goals and CARB's Climate Change Scoping Plan
- Develop a cost-effective Roadmap to reduce GHG emissions in Chico
- Establish a CEQA-qualified greenhouse gas (GHG) reduction plan to facilitate a streamlined CEQA review process for new development
  - Save developers money and time
  - Implement Council-adopted Capital Improvement Plan
  - Support housing and affordable housing demand

# Policy Context

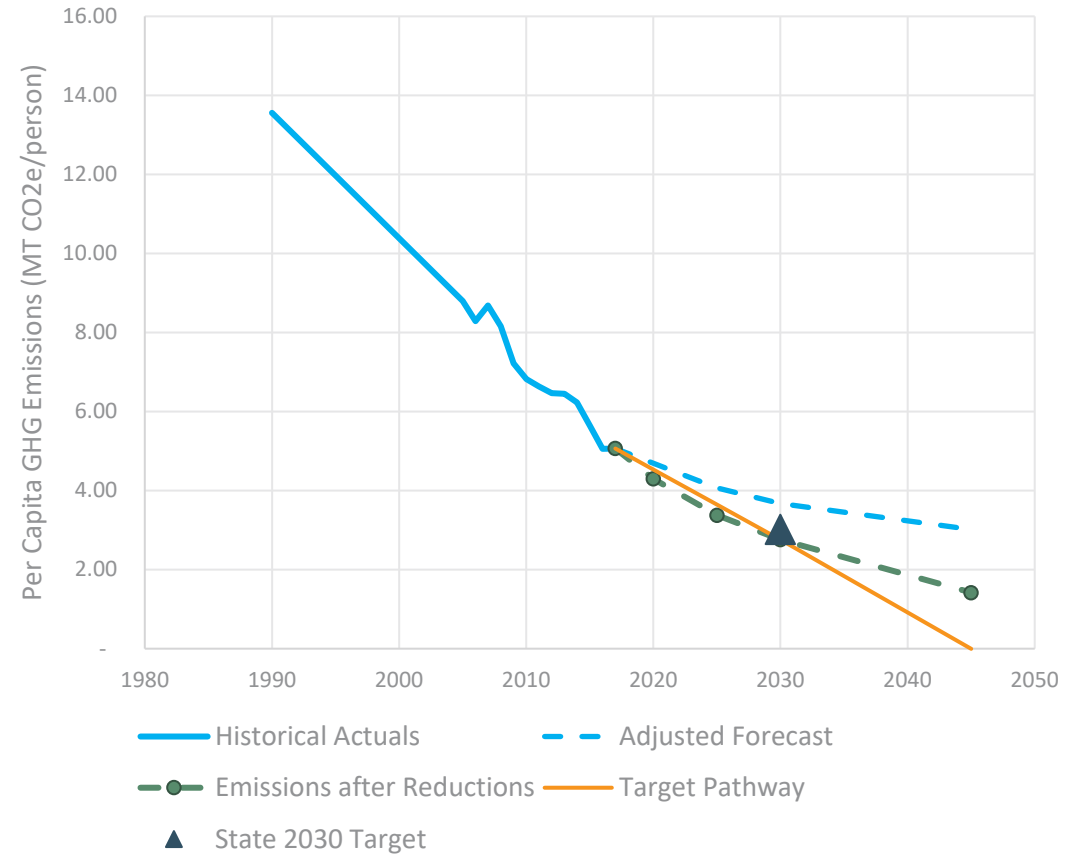
- The state's goals are to reduce GHG emissions 40% below 1990 levels by 2030 and to net-zero by 2045
  - State-level policy and funding opportunities provide a pathway for local jurisdictions to align with this
- 37% of cities in California have adopted CAPs
- 44 cities in California have adopted some form of electrification ordinance
- No new GHG thresholds provided by Air District/State





# GHG Inventory and Forecast

- Project began with a technical GHG analysis
- Chico has already reduced emissions 14% below 1990 levels
- Chico is on track to reduce emissions 27% below 1990 levels by 2030 without further action but will not achieve state-mandated goals
- Per capita goals help promote growth and control for population fluxes (e.g., Camp fire)
- GHG emissions targets align with state goals
  - 2030 target: 45% reduction below 1990 levels
  - 2045 target: Net-zero emissions





# Adjusted Forecast Emissions

Figure 2-4 Chico's BAU and Adjusted GHG Emissions Forecast

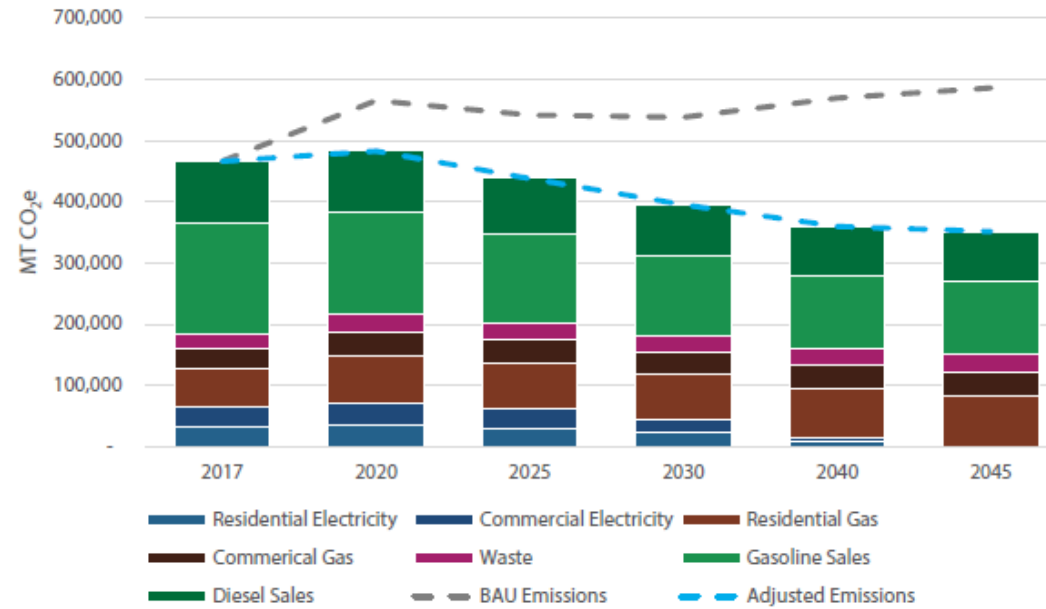


Table 2-2 Chico's BAU and Adjusted Emissions Forecast


	2017	2025	2030	2045
Population	92,022	107,593	107,712	116,420
Jobs	32,429	37,124	36,251	40,162
BAU Emissions (MT CO <sub>2</sub> e)	466,366	541,754	538,282	586,167
Advanced Clean Cars Program Savings (MT CO <sub>2</sub> e)	0	-91,496	-113,662	-154,322
Title 24 Savings (MT CO <sub>2</sub> e)	0	-1,579	-1,282	-4,705
California RPS Savings (MT CO <sub>2</sub> e)	0	-10,717	-28,021	-75,628
Adjusted Emissions (MT CO <sub>2</sub> e)	466,366	437,961	395,317	351,512
Adjusted Per Capita Emissions (MT CO <sub>2</sub> e/person)	5.07	4.07	3.67	3.02

# Community Engagement and Public Review Process

- *May/Jun 2020*: GHG emissions quiz, informational video, and online questionnaire → **active engagement from 200 community members and stakeholders**
- *Oct 2020*: Stakeholder engagement workshop on electrification with developers
- *Nov/Dec 2020*: Virtual community feedback workshop on key GHG reduction strategies → **seen by 4,490 community members and active engagement from 57**
- *Mar 2021*: Communitywide building electrification workshop
- *Aug 2021*: CAP and IS-ND public review period and public comment
- *Sep 2021*: Climate Action Commission recommendation to City Council

# Konveio and Chico's Online Community Workshop



Click anywhere in the document to add a comment. Select a  bubble to view comments.

**TREES OFFER MANY BENEFITS...**

- REDUCES URBAN HEAT ISLAND EFFECT
- IMPROVES PUBLIC HEALTH
- SAVES ENERGY
- INCREASES BUSINESS
- CAPTURES RAINWATER
- COMBATS CLIMATE CHANGE
- CLEANER AIR & WATER

**MORE ABOUT THE MEASURE**

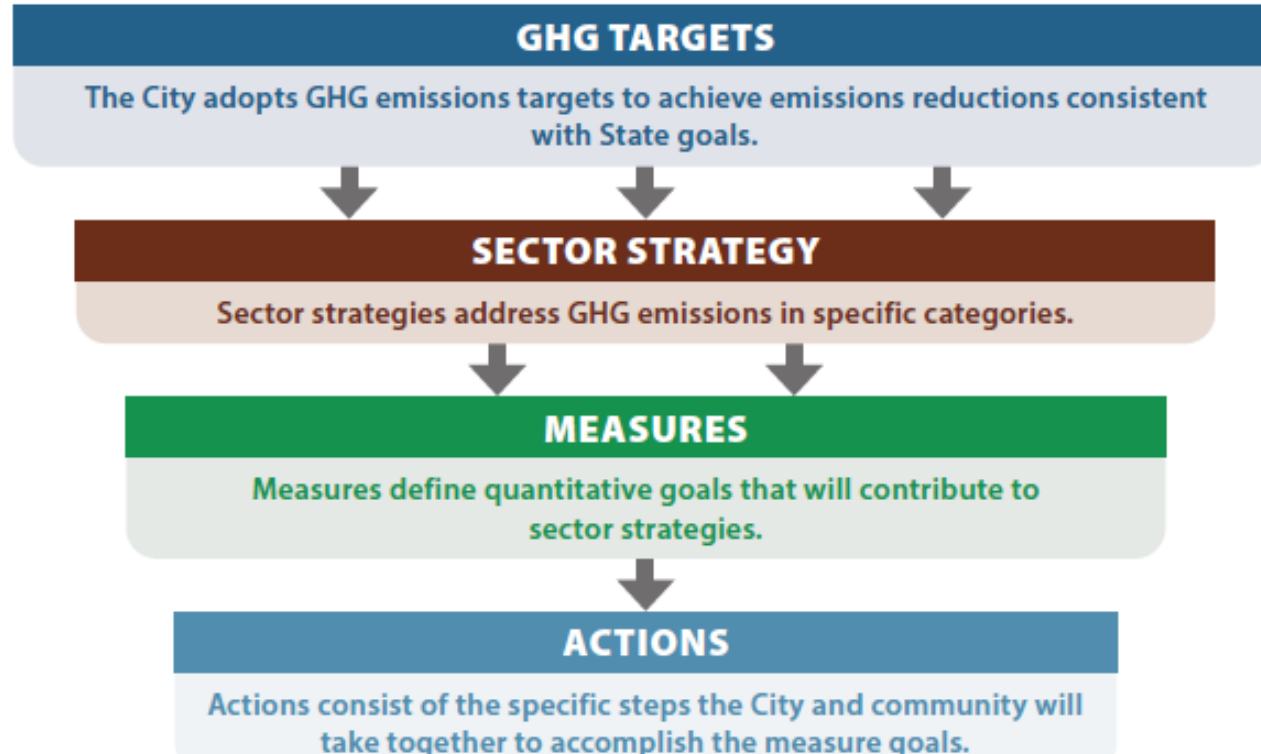
- Planting trees will help sequester carbon within the City and provide a host of co-benefits like air quality improvements and

**1. CLICK THE SPEECH BUBBLE ICON TO LET US KNOW:**

Do you think this could work in Chico? Why or why not?

Powered by Konveio

# GHG Reduction Strategies



- **Energy** → Leverage carbon-free energy from Butte Choice Energy through electrification requirements for new buildings and voluntary actions for existing
- **Transportation** → Expand bicycle and pedestrian infrastructure and electrify vehicles
- **Waste** → Implement state-level requirements to reduce waste 75% by 2025 by updating waste hauler franchise agreements
- **Sequestration** → Increase the city's carbon sequestration potential by implementing the Urban Forest Revitalization Program and Urban Forest Master Plan
- **Outreach** → Continue to conduct outreach and education as part of the CAP implementation effort

# GHG Reduction Strategies

## ENERGY

### MEASURE E-1

**Procure Carbon-Free Electricity for the Community Through a CCA by 2024 and Maintain Opt-Out Rates of 5% for Residential and 15% for Commercial Through 2030 and 2045**

#### Action E-1-1 Provide carbon neutral electricity to the community

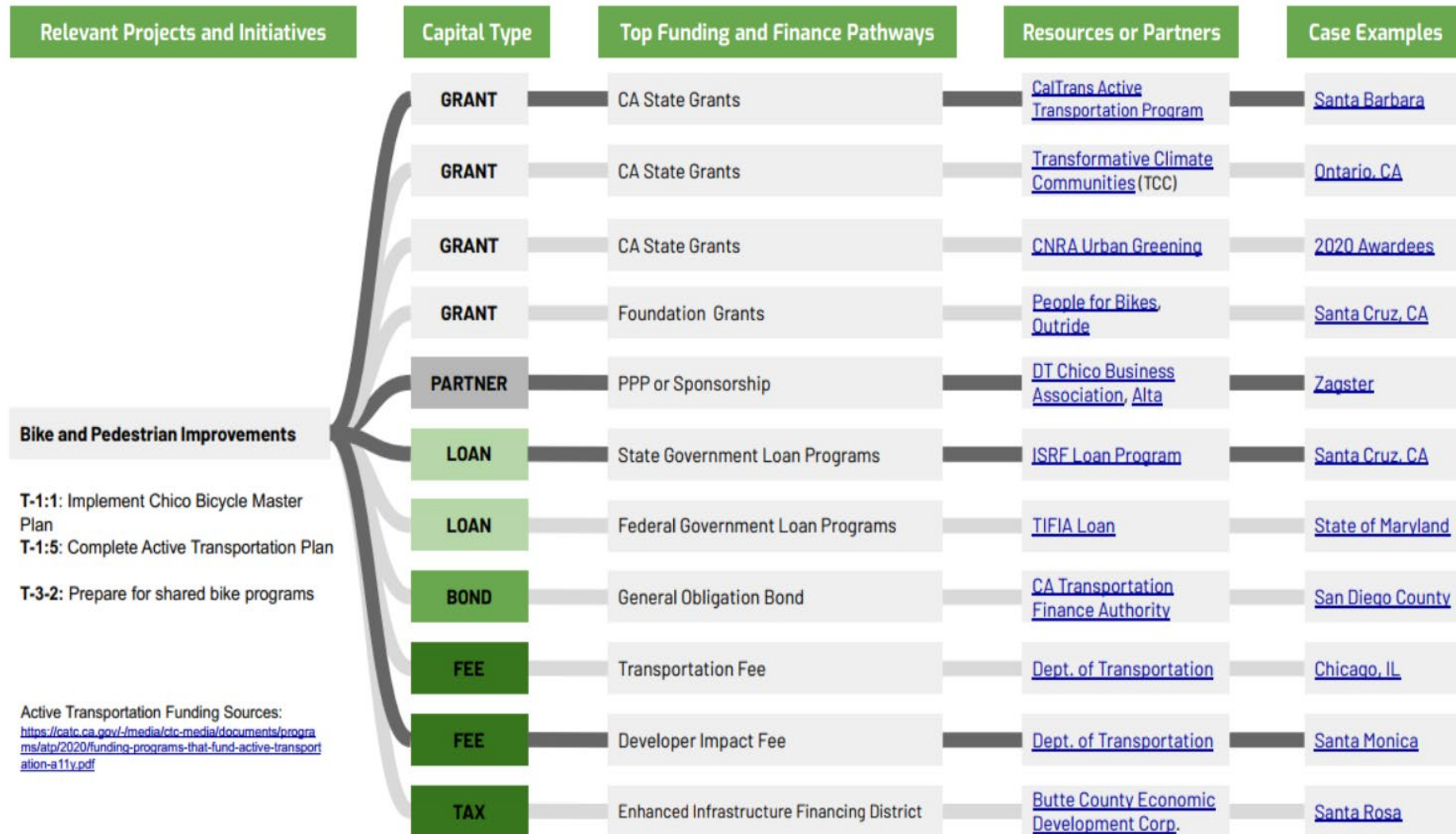
Procure carbon neutral electricity for the community through Butte Choice Energy Community Choice Aggregation (CCA),<sup>27</sup> in accordance with the ordinance authorizing the implementation of a CCA Program through a Joint Powers Agreement with Butte County, amending Title 15 of the Municipal Code. Automatically enroll community and municipal accounts in the 100% renewable energy option by 2024 (or as market conditions prove favorable) with an opt-out option.

Key Pillars Supported	GHG Reduction (MT CO <sub>2</sub> e)	Implementation Start	Monitoring and Implementation Responsibility
<ul style="list-style-type: none"> <li>■ Collaboration</li> <li>■ Socially equitable</li> <li>■ Cost-effective</li> </ul>	2030: 39,170 2045: 0	2024 (Preparation in progress)	<ul style="list-style-type: none"> <li>■ Planning Division</li> <li>■ Butte Choice Energy</li> <li>■ Public Works O&amp;M</li> </ul>



# CAP Funding and Financing

The CAP Identifies known funding and financing pathways, resources, and partners for implementing the CAP's most capital-intensive measures



# **CAP Success and Update Timeline**

- Implementation of the CAP will begin before 2021 and continue through at least 2045
- CAP success will be evaluated through bi-annual monitoring activities:
  - Identify implementation status for each CAP measure and action
  - Complete an updated GHG emissions inventory for comparison to CAP targets
  - Provide a CAP progress report to City Council
- CAP measures, actions, and progress will be re-evaluated in 2025 and updated no later than 2030





# Implementation

- **E-1-1:** Procure carbon neutral electricity for the community through Butte Choice Energy Community Choice Aggregation (CCA), in accordance with the ordinance authorizing the implementation of a CCA Program through a Joint Powers Agreement with Butte County
- **E-4-4:** Implement the comprehensive PG&E Sustainable Solutions Turnkey Program to install renewable energy technology at municipal facilities
- **T-1-1:** Implement the Chico Bicycle Plan 2019 Update in accordance with the Plan's goals, objectives, and policies
- **T-1-3:** Require major road upgrades to include bicycle infrastructure
- **T-4-1:** In accordance with the Downtown Access Plan, utilize dynamic pricing for Downtown area parking, increasing costs of parking during times of high usage and special events
- **T-5-1:** Support implementation of the City's General Plan that promotes sustainable infill development and mixed-use development in new growth areas to reduce vehicle miles travelled (VMT)
- **S-1-1:** Increase carbon sequestration by increasing urban canopy cover at least 10% by 2030 through new green-scaping programs (Chico's Urban Forest Revitalization Program)
- **S-2-1:** Develop and implement the Urban Forest Master Plan



# Monitor and Reporting

## CLIMATE ACTION PLAN IMPLEMENTATION STATUS

The following is a discussion of implementation progress for the measures introduced in the 2021 CAP. For a complete overview of all CAP measures and actions, see the matrices in Appendix A.

### ENERGY

#### BACKGROUND

The focusing strategy for the energy sector is electrification coupled with carbon-free electricity. All-electric buildings are powered 100% by electricity and when coupled with carbon-free electricity, their operating energy footprint becomes carbon-free.

**MEASURE E-1:** Procure carbon-free electricity for the community through a CCA by 2024 and maintain opt-out rates of 5% for residential and 15% for commercial through 2030 and 2045

#### ACTIONS

	START	RESPONSIBLE PARTY	STATUS
<b>Action E-1-1</b> Provide carbon neutral electricity to the community	2024	Planning Division Butte Choice Energy Public Works O&M	
<b>Action E-1-2</b> Partner with Butte Choice Energy to conduct community outreach and track opt-out rates	2024	Planning Division Butte Choice Energy Public Works O&M	