

# **Update on Services: New Solid Waste Franchise Agreement**



**CUPERTINO**

October 15, 2020

# What are we asking for in the new agreement?

- Continuation of mandated services
- Extra services
- New services
- Comply with SB1383 Short-Lived Climate Pollutants regulations

# Potential new services

Smaller 24-gallon garbage cart

Expanded cardboard collection

Annual washing of residential organics carts

Cloud-based customer portal

Mulch as well as compost for use in city

# Surveys

Formal and informal surveys of residents and businesses, online and in Chinese

- How valuable are extra services
- Interest in new services
- Understanding of SB1383
- Satisfaction with Recology
- Rates

# Residential Survey Results

| Service – valuable?          | Formal Survey | Informal |
|------------------------------|---------------|----------|
| On-call collections          | 92%           | 96.1%    |
| Batteries & bulbs curbside   | 88.2%         | 94.2%    |
| Environmental Days           | 80.9%         | 85.4%    |
| Compost giveaway             | 72%           | 75.7%    |
| Motor & cooking oil curbside | 68.7%         | 76.7%    |
| Christmas tree collection    | 67.2%         | 69.9%    |
| Food scraps containers       | 55.8%         | 55.3%    |
| Coat collection              | 50.1%         | 53.1%    |

| Potential New Services           | Formal | Informal |
|----------------------------------|--------|----------|
| Extra cardboard collection       | 81.5%  | 70.8%    |
| Washing the organics cart 1/year | 61.7%  | 62.1%    |
| Smaller sized garbage cart       | 43.1%  | 47.1%    |

A stylized blue sunburst or fan-like graphic is positioned on the left side of the slide, partially overlapping the dark blue background. It consists of several curved, overlapping segments radiating from a central point.

# **New regulations: SB1383: Short-Lived Climate Pollutants**

- Goes into effect 1/1/2022
- Requires 75% reduction of organics in garbage by 2025 in California
- Businesses: Edible food to be “rescued”
- Everybody: Food scraps and food-soiled paper into the organics cart/bin

# Invitations for feedback

- Dedicated web page: [Cupertino.org/newFA](https://Cupertino.org/newFA)
- Sustainability Commission
- Chamber of Commerce LAC
- Articles in The Scene and Business Buzz
- Coverage in Cupertino Today
- Two Zoom outreach meetings
- Facebook, Twitter, Nextdoor
- Emails through GovDelivery



# Rate changes expected

Amount of increase will be influenced by:

- Services negotiated
- Costs to comply with SB1383
- Weak recycling market

## Next Steps

- If needed, present updated status on agreement and rates to City Council in November
- Recommend new agreement and rates in January
- New agreement begins in February

# Input & Questions

FAQs and links to surveys at:

[Cupertino.org/newFA](https://Cupertino.org/newFA)



# **CAP 2.0**

## **2020-2045**

Updating the Climate Action Plan with a  
carbon-neutral, zero waste, and resilient  
mindset



**CITY OF  
CUPERTINO**



## Cupertino Policies and Related Plans

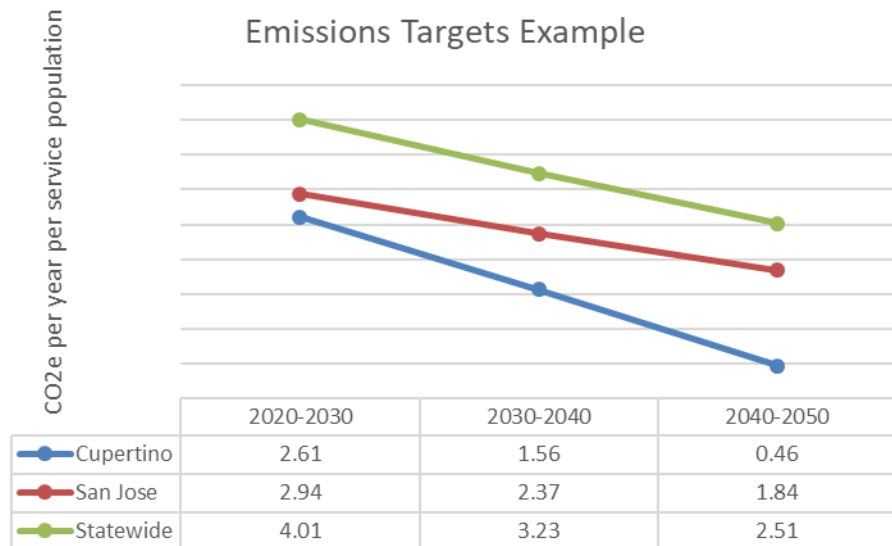
- General Plan (2015-2040)
  - Develop and maintain a CAP
  - Study climate hazards
- Climate Emergency Resolution 2018
- Cupertino Parks & Rec Master Plan
- Plan Bay Area 2050
- Signatory to:
  - Climate Mayors
  - “We Are Still In”

## Targets: California state guidance

Robust & quantitative

Locally appropriate

Follow the state goal curve



Sources: California Air Resources Board 2017 Scoping Plan  
City of San Jose 2019 goal-setting memo  
Cupertino 2018 GHG Forecast

# Carbon neutral by 2045

## Step 1: Strive for zero emissions from all sources

Fossil Energy

Industrial Processes

Natural and working lands



## Step 2: Maximize Sequestration

Carbon capture and sequestration

Direct air capture

Natural and working lands



## Considering targets

- Political feasibility – target should harmonize with local leadership
- Financial feasibility – climate measures and emissions reduction targets make financial sense
- Engage the community in establishing the target
- Revisit the goals after completing the GHG forecast



## Local levers

- Land use authority
  - Reducing car miles
  - Sustainable development patterns
  - Public works (bike and walk infrastructure)
- Local codes and city activities
  - Organics collection, embodied carbon requirements, etc.
- What creates co-benefits
  - Local jobs, More mobility choices, Quality of life, Equitable access to benefits, etc.
  - Public/Private partnerships – build economic opportunity
- Where can Cupertino uniquely excel?

An abstract blue geometric pattern consisting of various shades of blue, including dark navy and lighter cerulean, forming angular, sunburst-like shapes that radiate from the left side of the frame.

## Game changers

- **Adopt a Zero-Emissions Standard for New Buildings**
- Build a Ubiquitous Electric-Vehicle Charging Infrastructure
- **Mandate the Recovery of Organic Material**
- Electrify Buildings' Heating and Cooling Systems
- Designate Car-Free and Low-Emissions Vehicle Zones
- Set a City Climate Budget to Drive Decarbonization

<http://carbonneutralcities.org/>



## Recent CAPs

### Menlo Park (*June 2020*)

Carbon Neutral by 2030 goal

- Electrify-on-Burn-out ordinance
- All new cars are EV by 2025
- Reduce car miles by 25%
- Direct carbon removal for remaining GHGs



## Recent CAPs

### Oakland (*August 2020*)

Carbon Neutral by 2045 goal

- Carbon investment program
- Expand tree canopy
- Electrify all buildings by 2040
- Equity focus on all measures

## Goal setting: starting place

Achieve city-wide carbon neutrality no later than the year 2045

Achieve negative net carbon emissions after the year 2045

Establish a mid-term 2030 carbon emissions target of 50% below a 2010 baseline

Establish a Zero Waste Community target date of 2035

## Draft Vision for CAP 2.0 process

Adopt the following vision to guide the update process:

- a. Equity:** Activate and celebrate the diversity of Cupertino. Take every effort to include traditionally under-represented voices in the planning and selection of strategies, as well as business, faith groups, neighborhoods, and schools. Create a plan that ensures the benefits and opportunities are available to all, and that climate risks are not borne disproportionately by people of color.
- b. Innovation:** Develop measures in the 3-year and long-term action plans that position Cupertino as a leader in climate innovation and technological development.
- c. Urgency and Flexibility:** Establish a cadence of three-year updates to the near-term action plans, with the aim to both focus community resources and stay flexible in a fast-moving world. Work with haste commensurate with the Climate Emergency Declaration that Council adopted in 2018 and the unprecedented opportunity that climate and waste plans present to our community by taking bold steps in the early planning horizon.
- d. Resilience and Adaptation:** Establish climate adaptation measures that keep Cupertino residents and businesses safe, productive, and happy while climate risks accelerate.

## Proposed timeline

| Autumn 2020   | Winter 2020/21   | Winter - Spring 2021  | Summer - Autumn 2021   |
|---|--|---|--|
| Form planning committee                                 | Develop 2019 GHG inventory, forecast, and per-capita emissions rates | Public outreach and engagement events                             | Draft CAP document for public review   |
| Provide feedback on goals and vision statement          | Align targets with CARB guidelines as needed                         | Present draft 3-year action plan to commission                    | Council adopt CAP 2.0 and Zero Waste plan  |
| Hire a consultant to support public engagement          | Agree on public outreach plan and schedule community events          | Develop budget and resources request for phase 2 of CAP update    | Begin incorporating into City long-range plans, e.g. updates to General Plan or Safety Element |
| Council study session on CAP goals and vision statement |  | Present vulnerability and climate hazard assessment draft results |  |