

CC 12-01-2020

Study Session #1
Climate Action Plan

Presentation

Climate Action Plan 2.0

Initial Draft Goals and Vision Statement



**CITY OF
CUPERTINO**

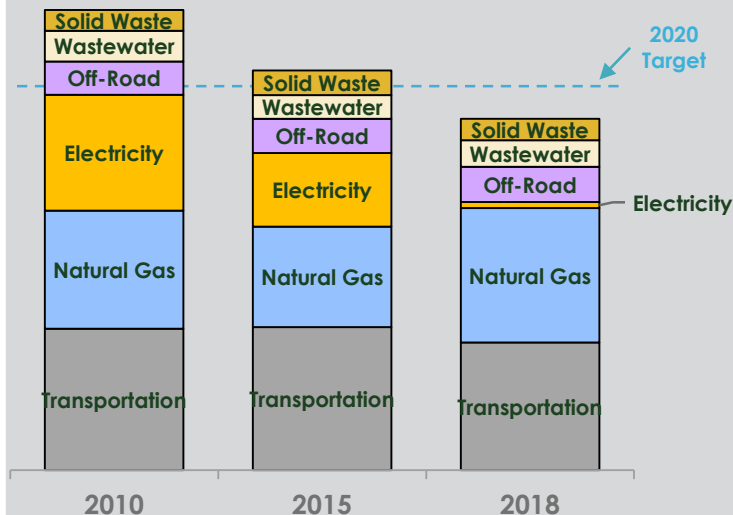
Background and Related Policies

- Climate Emergency Resolution (2018)
- Zero Waste Policy (2017)
- Signatory to:
 - Climate Mayors
 - “We Are Still In”
- California State Policies
 - AB 32 (2006): GHG reduction plan
 - Executive Order B-55 (2018): Carbon neutral economy-wide
 - SB 100 (2018): Carbon-free energy



GLOBAL COVENANT
of MAYORS for
CLIMATE & ENERGY

Cupertino Emissions Trend



Since 2010:

- Achieved 2020 target ahead of schedule
- Total emissions decreased 24%
- Electricity emissions decreased 95%
- Natural gas and transportation larger percentage of total

What is a Target

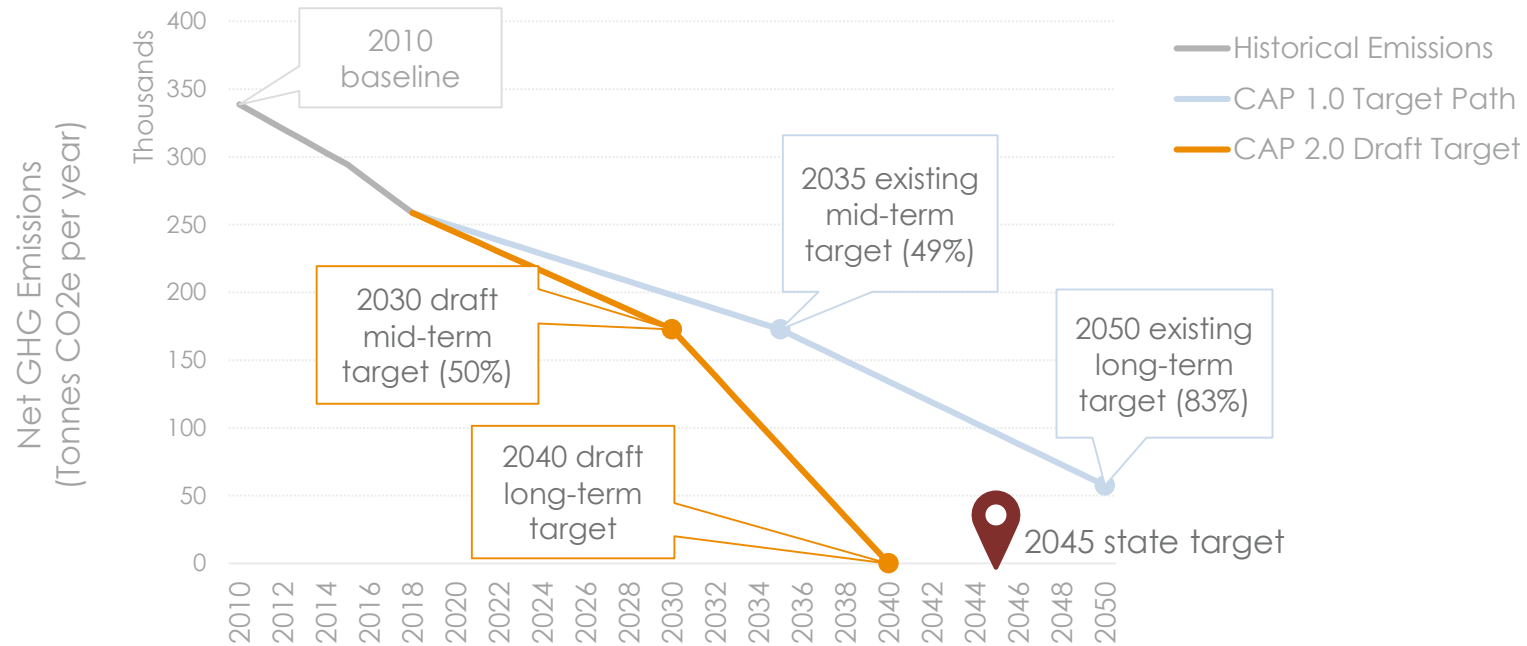
- Reduction targets are goals that provide an objective to strive towards to measure progress
- Include clear dates (targets and baselines), emissions levels (%), and boundaries
- California Air Resources Board 2017 Scoping Plan:
 - Robust & quantitative
 - Locally appropriate
 - Follow the state goal “curve”

Initial Target Setting Draft

1. Achieve community-wide carbon neutrality no later than the year 2040
2. Achieve negative net carbon emissions after the year 2045
3. Achieve carbon neutrality in city-owned facilities and operations no later than the year 2030
4. Establish a mid-term 2030 carbon emissions target of 50% below a 2010 baseline
5. Establish a Zero Waste Community target date of 2035

These draft targets will be studied for feasibility and cost
Final goals will be brought to Council for approval

Cupertino Net GHG Targets, Existing and Proposed



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

Source: California Air Resources Board workshop August 2020
Executive Order B-55-18 (Governor Brown)



Recent CAPs in Our Region

Menlo Park (*June 2020*)

Carbon neutral by 2030 target

Strategies proposed:

- 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 in Our Region

Oakland (*August 2020*)

Carbon neutral by 2045 target

Strategies proposed:

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

CAP Update Process Vision Statement

a. Equity: Activate and celebrate the multiracial character of Cupertino. Take every effort to include traditionally under-represented voices and those who might be displaced by climate hazards in the planning and selection of strategies, as well as business, faith groups, neighborhoods, and schools. Create a plan that reflects the diversity of the city and sets us on a path towards a more welcoming and inclusive City.

b. Innovation: Develop measures in short-term and long-term action plans that position Cupertino as a leader in climate innovation and technological development, new ways of working and studying, and commit to educating the City on innovative strategies at least once a year.

c. Urgency and Flexibility: Establish a frequent cadence of 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 such as green infrastructure and protecting biodiversity that keeps 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 | |



Recommended Action

Provide input and direction on the Climate Action Plan 2.0 initial draft goals and vision statement.

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#11

Bird-Safe Dark Sky

Presentation

Bird-Safe and Dark Sky

December 1, 2020



CUPERTINO



Background

- FY 19/20 Council Work Program Item
- CEQA
- Basis for adoption
 - Consistency with General Plan

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

Why Regulations?

- Light Pollution and Dark Sky Movement
- Several cities have regulations
- Current Regulations
 - General Commercial and Parking
 - Hillside
 - Light Industrial

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Why Regulations?

- Bird-safe Regulations Intent
- Factors Linked to Bird Strikes
 - Building Design Trends
- Policies and ordinances in other cities



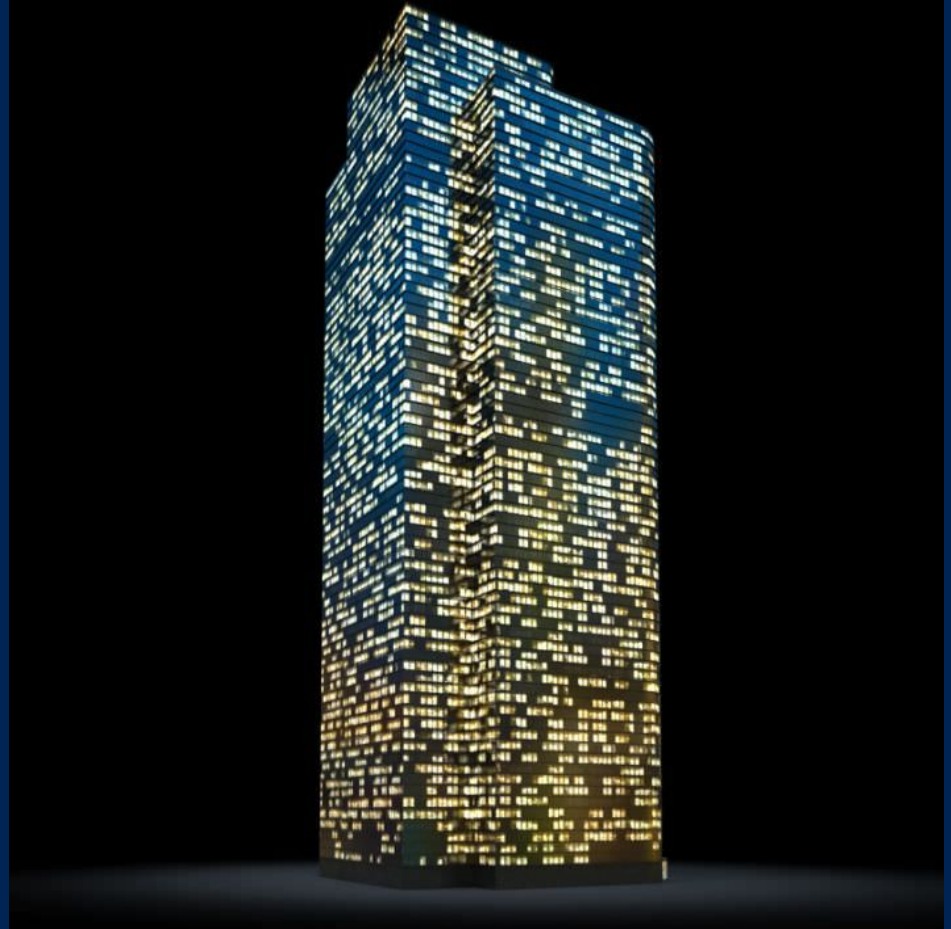
PC Study Session and Outreach

- **October 28, 2019** – Study Session
 - Use existing professionally accepted standards
 - Importance of educational materials
 - Importance of light impacts on environment and health
 - Importance adequate security lighting
 - Preventing light trespass
- **February 2020** – Two Community-wide Outreach Meetings

PC Recommendation

- August 11, 2020:
 - Cost of applying regulations
 - Reduce applicability of bird safe treatment
 - Exempt 100% affordable housing and single-family homes outside Bird Sensitive areas
 - Concerns about enforcing indoor lighting in residential projects
 - Outdoor lighting for late night activities
- On October 27, 2020 recommended approval (4-1-0)

Bird-Safe Regulation Basics



An abstract blue geometric pattern consisting of various shades of blue, including dark navy and lighter sky blue. The pattern features sharp, angular shapes, some resembling stylized leaves or feathers, and others like concentric arcs and dots, creating a dynamic, organic feel. It occupies the left side of the slide, partially overlapping the white background.

Bird-Safe Regulations Intent

- Reduce building design elements and lighting features that are hazardous to birds
- Help protect natural environment

Bird Hazards

- Exposed reflective glass



Bird Hazards

- Large expanse of highly transparent glass



Bird Hazards

- Bright lighting

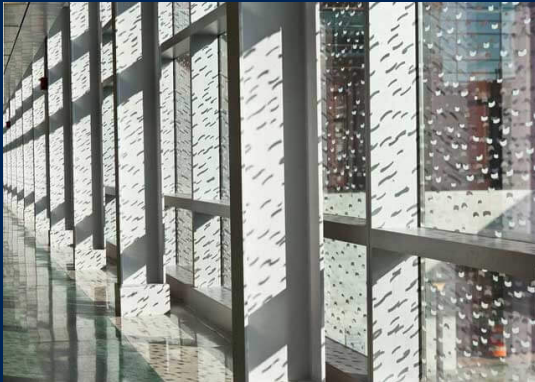
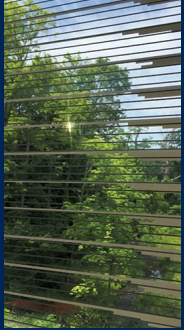




Cities with Bird-Safe Policies

- San Francisco
- Toronto
- Portland
- Alameda
- Santa Cruz
- Oakland
- Sunnyvale

Bird-Safe Solutions





Bird-Safe Proposed Applicability

- ✓ New or remodel of primary or accessory buildings
- ✓ Replacement of glass windows and features
- ✓ Building permit OR development project

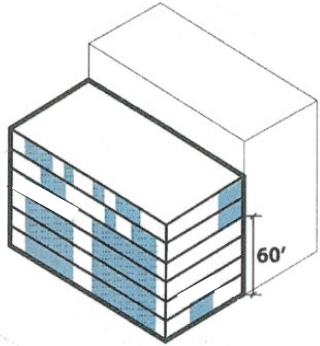


Bird-Safe Exemptions

- Historic structures
- First floor commercial storefronts, up to a height of 15'
- *Residential development in R1 zoning districts outside of Bird-Sensitive Areas*
- *100% affordable housing developments*

Bird-Safety – Glass Treatment Area

- Standards apply to facades
 - No more than 10% is untreated glass between ground and 60' above
 - No more than 5% is untreated glass 60' above ground and up





Bird-Safety - Glass

- Standard Compliance Treatments
 - Window muntins
 - Fritting
 - Exterior insect screens
- Alternative Compliance Method recommended by qualified biologist and approved by Director



Bird-Safety - Lighting

- Non-residential Indoor Lighting Requirements:
 - Require time switch control devices or automatic occupancy sensors
 - Off by 11 pm or 2 hours after close of business

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Bird-Safety - Site Planning & Building Design

- Avoid funneling flight paths towards building façade
- Avoid use of highly reflective glass or highly transparent glass
- Shall not include glass features, transparent building corners, free-standing glass walls

An abstract blue geometric pattern on the left side of the slide, featuring various shades of blue and white lines forming a complex, stylized shape.

**CONTINUE PRESENTATION OR
STOP FOR QUESTIONS?**



Dark Sky Regulations

- Applicability for Outdoor Lighting
 - Building Permit, Electrical Permit for Outdoor Lighting or Signage, New or Replacement Lighting, or Development Permit
- Submission Requirements

An abstract blue geometric pattern on the left side of the slide, featuring various shades of blue and white lines forming a stylized, sunburst-like or star-like shape.

Dark Sky Regulations

- Outdoor lighting – Shielded, Directed
- Illumination levels – Existing standards
- Lighting color to be $< 3,000$ Kelvin
- Night Hours



Dark Sky Regulations

- Automated Control Systems
- Lighting Design Standards
- Security Lighting
- Service Station Canopies
- Critical Areas of Illumination
 - Comply with California Building Code



Dark Sky Proposed Regulations

- Prohibited Lighting
 - Flashing, strobes, uplighting, HID lamps etc.
- Exemptions



Permanent String Lights

- Direction from Planning Commission
- Most exempt holiday/seasonal
- Draft language for permanent

Environmental Review

- Exempt from CEQA by:
 - Section 15308
 - Section 15301
 - Section 15305
 - Section 15061 (b) (3)
 - Section 15300.2

Public Noticing and Outreach

| Notice of Public Hearing, Site Notice & Legal Ad | Agenda |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">▪ Legal ad placed in newspaper (at least 10 days prior to hearing)▪ Display ad placed in newspaper (at least 10 days prior to hearing) | <ul style="list-style-type: none">▪ Posted on the City's official notice bulletin board (four days prior to hearing)▪ Posted on the City of Cupertino's Web site (four days prior to hearing) |



Recommended Action

- Conduct the public hearing and
- Adopt draft resolution recommending that Council:
 - Find actions exempt from CEQA; and,
 - Amend Municipal Code by adding a new Chapter 19.102 and amending Chapters 19.08, 19.12, 19.40, 19.60, and 19.72 to adopt glazing and lighting regulations to implement Bird-Safe Design and Dark Sky goals.

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#12

Community Funding Grant
Program Policy Update

Presentation

Updated Community Funding Grant Program Policy

December 1, 2020



**CITY OF
CUPERTINO**



Agenda

- Purpose
- Background
- Current Procedure
- Recommended Revisions and Fiscal Impact
- Proposed Procedure
- Reporting Requirements
- Non-Profit Support Website
- Parks and Recreation Commission Feedback
- Recommended Action

The left side of the slide features a vertical rectangular area with a dark blue background. It contains an abstract, stylized geometric pattern in lighter shades of blue, consisting of various triangles and lines that create a sense of depth and movement, resembling a stylized sunburst or a modern architectural design.

Community Funding Purpose

The City of Cupertino currently provides funding to local non-profit organizations in the areas of social services, fine arts and other programs for the general public. The policy provides a framework for the City's Community Funding Grant Program and guides the administration of the program and decision-making process. It also provides guidance on key aspects of the City's Community Funding Grant Program processes including: Eligibility, Evaluation Criteria, Restrictions/Guidelines, and Procedure.

Background

- Adopted FY 2012-13
- Updated January 2020
 - \$20k funding cap per applicant
 - Tiered funding structure

WZ1

WZ2

Slide 4

WZ1

Parks and Recreation Commission Evaluate Applications and provide recommendation

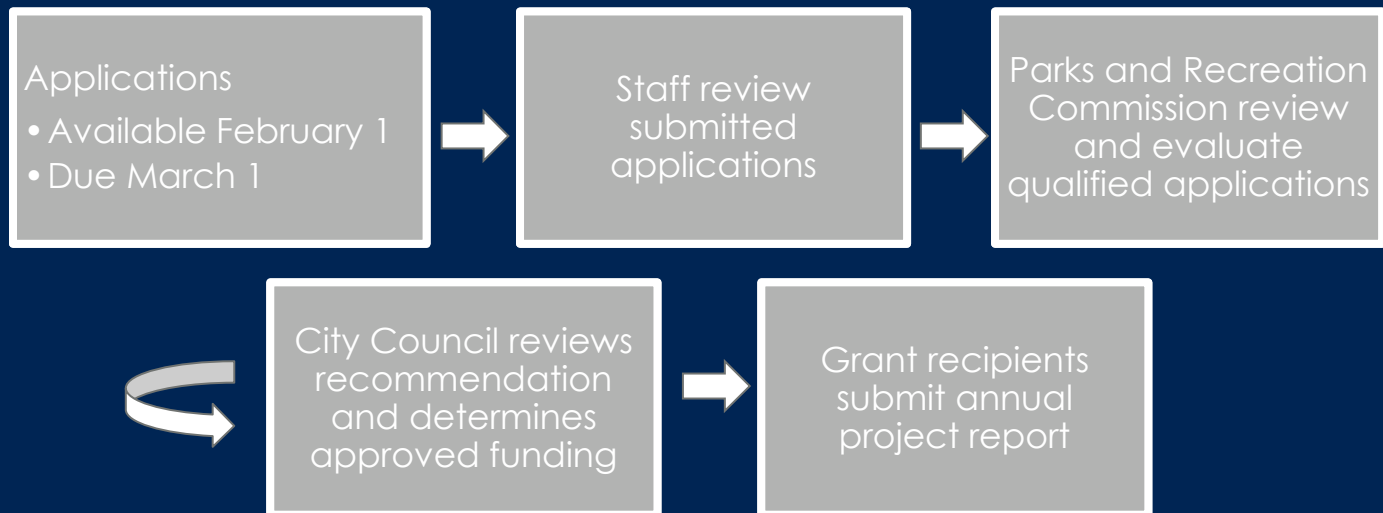
Whitney Zeller, 11/12/2020

WZ2

City Council reviews recommendation and determines funding

Whitney Zeller, 11/12/2020

Current Procedure



*Administered by Administrative Services Department



Recommended Revisions

Application timeline

- Available January 1
- Due February 1
- Provides more time for applications to be reviewed by the Parks and Recreation Commission and City Council



Recommended Revisions

City Council will review all eligible applications, with consideration of the commission's recommended rankings

- Provides City Council the opportunity to review all applications for consideration

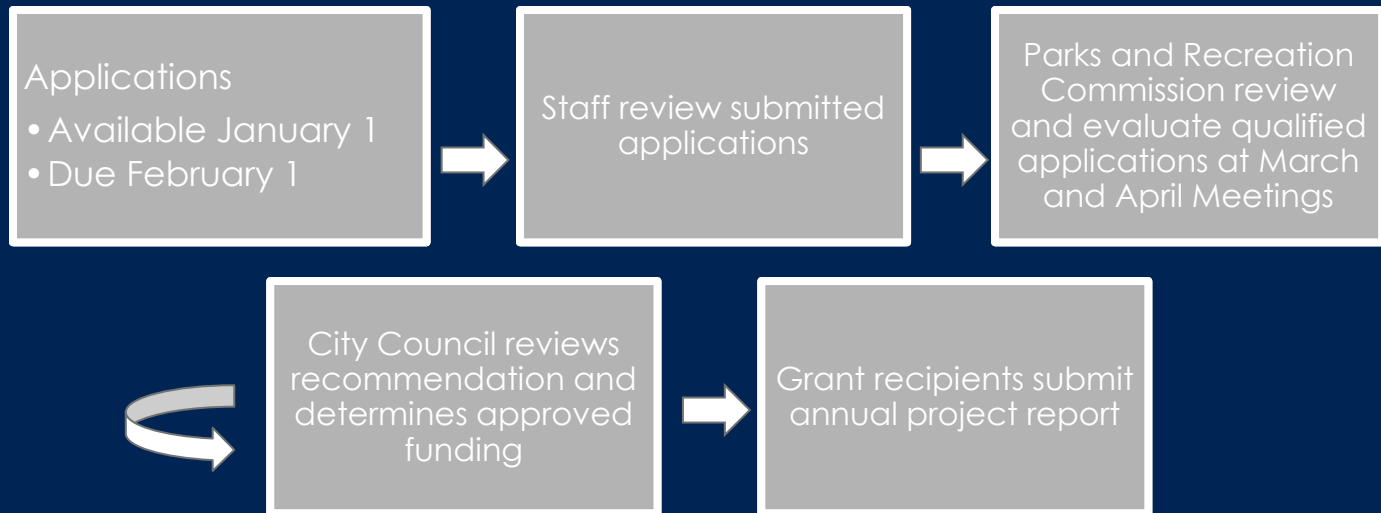
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Recommended Revisions and Fiscal Impact

Funding range of \$70,000-\$90,000

- Based on a three-year average of previously awarded grant funds
- Provides more guidance during the evaluation process

Proposed Procedure



*Administered by Parks and Recreation Department



Reporting Requirements

- Project Results
- Clients Served
- Budget

Non-profit Support Website

NON-PROFIT SUPPORT OPPORTUNITIES

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Fiscal Year 2020 to 2021 Community Festival Fee Waivers

Event Organizers interested in holding a festival at Memorial Park should first review the City's Memorial Park Festival Policy, current Events Calendar, and the Special Events Information & Application. More information can be found on the [Festival Information](#) page.

| Festival | Date | Festival Producer | Estimated Total Funding |
|-------------------------------|--------------------|--------------------------------------------|-------------------------|
| Kids 'N Fun Festival | August 8, 2020 | Taiwanese Cultural and Sports Association | \$18,904* |
| Night Market | August 22, 2020 | Chamber of Commerce | \$15,099* |
| Fall Festival | September 12, 2020 | Cupertino Rotary | \$16,931* |
| Diwali | October 17, 2020 | Cupertino Chamber of Commerce | \$16,602* |
| Veteran's Day | November 11, 2020 | Cupertino Veteran's Memorial | \$3,138* |
| Holi | March 28, 2021 | Cupertino Chamber of Commerce | \$6,021 |
| Cherry Blossom Festival | April 24-25, 2021 | Toyokawa Sister City | \$33,866 |
| World Journal Festival | Date TBD | World Journal/Cupertino Chinese School | \$15,229 |
| Konark Dance & Music Festival | Date TBD | Cupertino Bhubaneswar Sister City | \$7,257 |
| Relay for Life | June 19, 2021 | American Cancer Society | \$2,308 |
| Tournament of Bands | Date TBD | Cupertino Tournaments of Bands | \$7,800 |
| CEEFF 5K | September 26, 2020 | Cupertino Educational Endowment Foundation | \$7,400 |
| Heroes Run | November 7, 2020 | VMC Foundation | \$5,880 |
| TOTAL | | | \$156,435** |

* Event was canceled due to COVID-19

**Total Includes funds approved for festivals that were canceled due to COVID.

Fiscal Year 2020 to 2021 Community Funding Grant Program

Through the Community Funding Grant Program, the City of Cupertino provides funding to local non-profit organizations in the areas of social services, fine arts, and other programs for the Cupertino community. More information can be found on the [Community Funding Grant Program](#) page.

| Non-Profit | Total Funding |
|----------------------------------------------------|---------------|
| Breathe CA | \$4,000 |
| West Valley Community Services | \$20,000 |
| Euphrat Museum of Art | \$10,000 |
| Elevate the Future | \$3,000 |
| Cupertino Rotary Club | \$12,000 |
| Friends of Deer Hollow Farm | \$15,000 |
| Santa Clara Audubon Society | \$7,500 |
| Chinese American Coalition for Compassionate Cares | \$6,000 |
| Bhubaneswar Sister City | \$7,500 |
| Silicon Valley Jewish Film Festival | \$5,000 |
| TOTAL | \$90,000 |



Feedback

The Parks and Recreation Commission reviewed the proposed updates at a Special Meeting on November 16 and recommended

- The new submission dates
- Program funding range



Recommended Action

Review and adopt updated administrative procedures within the Community Funding Grant Policy, including an earlier submission date for applications, program funding range, and affirmation that all qualified applicant materials will be brought to City Council.

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Questions?