

12/7/2021

item 7




**City Council
Hearing**

**Item #7 : Update on
Sustainability Program and
Feedback on 2022 Program
Focus Areas**

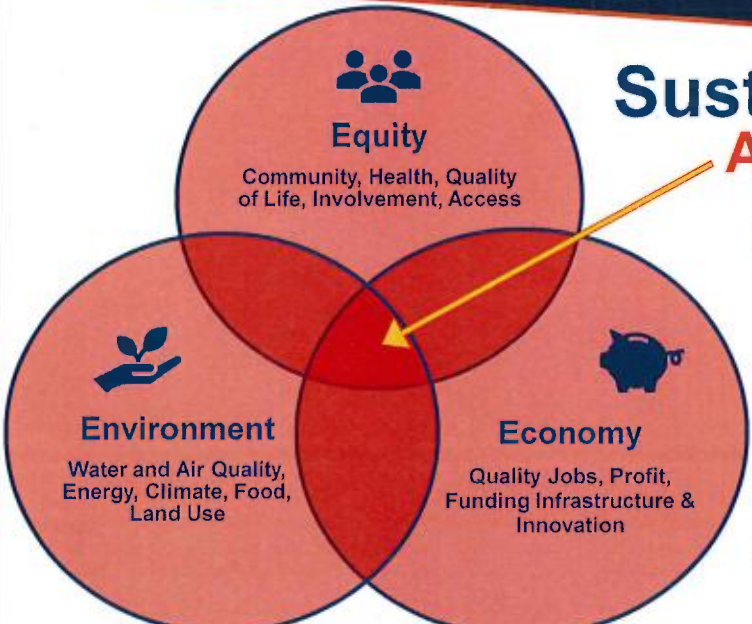
RTC # 21-1147

December 7, 2021

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**City of
Santa Clara**
The Center of What's Possible



**Sustainability
A Balancing Act**

Agenda:

- State and local sustainability targets
- 2020-2021 Sustainability Program accomplishment highlights
- 2022 Sustainability Program proposed focus areas

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State Regulations & Local Targets

2020-22	2025	2030	2033	2035	2045	2050
50% Reduction Organics Recycling Diversion (SB1382)	75% Reduction Organics Disposal	40% GHG Emissions Reductions (SB32)	Diesel Free by '33 Council Pledge	80% GHG emissions reductions (Proposed Council CAP target)	100% Carbon Free Electricity (SB100)	80% GHG Emissions Reductions (SB32)
CAP Update	50% Renewable Electricity	60% Renewable Electricity				
Reach Codes	1.5 M EV's	5M ZEV's		EV sales (N-79-2)	Carbon Neutral (CA B-55-18)	
	250 K EV Charging					

- ☐ Later
- ☐ Tomorrow
- ☐ Today
- ☒ **NOW**

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Sustainable Santa Clara

Innovation Highlights

City Climate Action Plan Update

All-electric building electrification and electric vehicle reach code adoption

Community Electric Vehicle Blueprint – 96 public charger connectors

Fleet Electrification Plan - Over 20 EV's on fleet and growing charging infrastructure

Microgrid and battery storage pilot projects

SVP's Green Power Program ranked second in nation for Green Power Excellence



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Sustainable Santa Clara

Integration Highlights

Organics waste collection program

Water & Sewer projects - Recycled water offsets 19% of potable water

Sustainable Parks - Smart irrigation, water conservation, tree plantings, EV charging, solar

Facility greening – Northside Library 62 MWh solar, Mission Branch LEED Silver Certified

Clean mobility - 2.5 miles of bicycle lane improvements with 5.9 miles on the way



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Sustainable Santa Clara

Collaboration & Connection Highlights

Customer rebates - lawn replacement, rain barrels, E-bikes, heat pump water heaters, EV chargers

EV workshops, CAP and Reach Codes community engagement, drought and water conservation campaigns, Complete Streets outreach, connection with youth climate voice

Internal City Green Team

New Sustainable Santa Clara outreach efforts

Local & regional collaboration - climate action, urban forests, transportation & building electrification, pollution prevention, and green jobs



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Sustainability Program

2022 Proposed Areas of Focus

- Align implementation of plans through cross-departmental collaboration
- Explore and expand sustainable energy solutions
- Expand sustainable transportation, electrification, and clean mobility options
- Identify and implement water conservation, nature-based solution and natural resource conservation strategies
- Continue to incorporate sustainability in City parks , facilities, and fleet
- Update green purchasing policy/practices to meet mandates and show leadership
- Expand sustainability related community education, outreach and engagement
- Utilize partnerships to increase reach/impact across targeted sustainability areas
- Update Sustainability Legislative Advocacy Positions

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Recommendation


Title: Update on Sustainability Program

Staff Recommendation:

- Note and File Update on Sustainability Program and Provide Feedback on 2022 Program Focus Areas

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The seal of the City of Santa Clara, California, is circular. It features a central illustration of a mission-style building with a red roof and a bell tower, set against a blue sky with clouds and green hills. The year "1852" is prominently displayed in the center. The outer ring of the seal contains the text "CITY OF SANTA CLARA CALIFORNIA" at the top and "THE MISSION CITY" at the bottom, separated by small dots.

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