




# Game Plan 2028 At-a-Glance








## Strategy 1: Promoting 100% Clean Electricity

- 1.A  Continue to support and steer Silicon Valley Clean Energy (SVCE) in providing electricity from a mix of carbon-free and eligible renewable sources and decarbonization programs to the Sunnyvale community.
- 1.B  Collaborate with SVCE to target Direct Access (DA) customers to shift to 100% clean electricity.
- 1.C Implement an Organic Waste-to-Energy program at the Donald M. Somers Water Pollution Control Plant.
- 1.D Continue to enforce Reach Code solar panel requirements and Moffett Park Specific Plan policies to increase solar energy generation and storage in Moffett Park and throughout the community.
- 1.E  Collaborate with SVCE to evaluate opportunities for community-scale energy storage to maximize utilization of local solar supply and to enhance resiliency.
- 1.F Support a shared thermal energy system with energy storage at Moffett Park to serve as a potential





## Strategy 2: Decarbonizing Buildings









- 2.A  Research and develop energy disclosure and energy benchmarking requirements for existing commercial and multi-family residential buildings to encourage property owners and managers to invest in energy efficiency upgrades and building information systems.
- 2.B  Update the local Green Building Program by FY 2024/25 to incentivize energy efficiency measures and the achievement of net zero energy in existing buildings.
- 2.C Conduct a municipal GHG emissions inventory every three to five years and continue tracking measure implementation.
- 2.D  Develop an engagement and incentive program to accelerate the adoption of all-electric appliances.
- 2.E  Eliminate non-electric sources of power in municipal buildings upon rebuild or significant remodel.
- 2.F Develop and implement an existing residential building electrification strategy (RBES).
- 2.G Adopt an electrification ordinance for existing residential buildings by 2026.
- 2.H Conduct a study to evaluate the feasibility of adopting an end-of-flow ordinance for natural gas by 2045.
- 2.I Develop and implement an existing commercial building electrification strategy (CBES).
- 2.J Adopt an electrification ordinance for existing commercial buildings by 2026.
- 2.K Enforce the residential and commercial electrification ordinance compliance by developing and implementing a comprehensive permitting compliance program.
- 2.L Develop a Building Performance Standard (BPS) for existing buildings that requires electrification by 2030.
- 2.M Partner with Santa Clara County, Bay Area Regional Energy Network (BayREN) and SVCE to create community-support programs to provide residents the resources and utility rate structures needed to convert to all-electric, energy efficient equipment and appliances.
- 2.N  Continue implementing and augmenting Reach Codes through a phased approach.






## Strategy 3: Decarbonizing Transportation & Sustainable Land Use

- 3.A  Identify areas that are most appropriate for parking strategies that discourage vehicle use, such as pricing, time limits and supply reductions.
- 3.B  Enhance City Transportation Demand Management (TDM) program implementation and monitoring to facilitate further reductions in single-occupant automobile trips, citywide.



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3.C		Advocate that regional service providers implement high quality transit service and a robust set of first- and last-mile (FLM) strategies in over two-thirds of the cross-city corridors.
3.D		Implement Active Transportation Plan (ATP) to achieve a connected, safe and active network.
3.E		Continue to evaluate the potential for the shared bicycle and scooter pilot program as a permanent program.
3.F		Pilot shuttle service in Peery Park and consider options for expansion of a similar service in other areas undergoing redevelopment.
3.G		Develop design standards for streets and parking lots to accommodate increased pick-up and drop-off for rideshare passengers and apply as appropriate.
3.H		Create a TDM program for City staff to promote alternative transportation modes and carpooling to the greatest extent possible.
3.I		Establish and implement a plan to convert vehicle roadways to bicycle and pedestrian space to increase opportunities for active transportation in the community.
3.J		Require employers with 1,000 employees and more to develop TDM Plans.
3.K		Establish tracking metrics to evaluate effectiveness of various Moves' impact on VMT and a monitoring schedule to report progress.
3.L		Continue implementing the Drive Electric Program and providing resources to assist and encourage community adoption of EVs.
3.M		Electrify the Municipal Fleet as existing vehicles need replacement and install EV infrastructure (EVI) at municipal properties to support the electric fleet.
3.N		Support the development of the Community EV Readiness and Infrastructure Plan and facilitate the installation of EVI.
3.O		Partner with SVCE to strengthen and expand their incentive program for EVI.
3.P		Create a phased ordinance by 2026 to ban local operation of gasoline and diesel-powered off-road equipment by type, including banning local operation of gasoline and diesel-powered small off-road equipment (SORE) by 2028.

## Strategy 4: Managing Resources Sustainably








4.A		Implement campaign for waste reduction.
4.B		Conduct a pilot program with reusable foodware for dine-in and takeout orders.
4.C		Comply with SB 1383 requirements to help the state reduce organic waste disposal 75% by 2025.
4.D		Expand the City's edible food recovery efforts to edible food generators beyond those required by SB 1383.
4.E		Continue to implement the mandatory waste diversion ordinance requiring all residents, visitors and businesses to place their discards in the appropriate container (i.e., recycle, food scraps or garbage).
4.F		Promote and seek incentives for making water conservation a way of life and set a water reduction target consistent with statewide requirements.
4.G		Partner with Valley Water to evaluate opportunities to expand water reuse.
4.H		Conduct a feasibility study to assess the costs and benefits of implementing Advanced Metering Infrastructure (AMI) citywide and implement if determined feasible.

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4.I		Implement a policy that prohibits installation of non-functional turf in new commercial construction.
4.J		Streamline the permitting process for rainwater catchment, dual water piping and graywater systems.
4.K		Adopt an ordinance requiring new construction to be built with dual plumbing, where allowable, in preparation for the availability of recycled water infrastructure.
4.L		Continue to pursue recycled water expansion including advanced recycled water production.
4.M		Implement the City's Urban Forest Management Plan and continue to protect and greatly expand tree canopy.
4.N		Implement the City's Green Stormwater Infrastructure Plan.
4.O		Update the City purchasing policy to be aligned with Playbook goals and develop an implementation strategy.







## Strategy 5: Empowering Our Community

5.A		Pilot a targeted grassroots community engagement strategy to create stronger connections between neighbors to advance climate action and emergency preparedness.
5.B		Create a stronger social media and web presence for Sunnyvale climate action.
5.C		Continue implementing the Sustainability Speaker Series.
5.D		Cultivate relationship between City and youth groups to engage students on climate, building on current engagement with school classrooms and green teams.
5.E		Build relationships with largest employers to collaborate on climate action, such as: (a) engaging employees to participate in sustainability initiatives; (b) encouraging and facilitating investment in climate action programs or projects.
5.F		Create demonstration projects within City operations to educate the community on ways to reduce emissions.
5.G		Continue to develop and implement educational programs at the Sunnyvale Public Library that focus on environmental and sustainability topics.
5.H		Continue reporting climate action data for the public.
5.I		Publish annual GHG inventory.



## Strategy 6: Adapting to a Changing Climate

6.A		Participate in regional forums on climate vulnerability and adaptation.
6.B		Collaborate with Valley Water to advance a shoreline protection project with the US Army Corps of Engineers or other partners.
6.C		Develop strategies and projects to restore, protect and expand our tidal/salt marshes and natural water ways to the Bay using as much of the dredged materials from the Bay as possible.
6.D		Update existing emergency preparedness and response plans to address climate-related impacts such as heat events, air quality issues and flooding.
6.E		Develop a community resiliency plan.
6.F		Implement a Resilience Hub Initiative.