

# Appendix A: City of Santa Barbara Climate Action Plan Greenhouse Gas Emissions Reduction Measures and Actions

## 1 Overview of Measures and Actions

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**Measures** are developed under each of the following sectors pursuant to the GHG Inventory and Forecast and in line with the Community Protocol and the California Air Resources Board (CARB) 2017 Climate Change Scoping Plan:

- Building Energy
- Transportation
- Solid Waste, Water, and Wastewater
- Carbon Sequestration

Additional measures developed for the City of Santa Barbra Climate Action Plan include:

- Community Climate Potential
- Administrative

**GHG Reduction Actions** identify the supportive programs, policies, financial pathways, and other commitments that will help further measures and accomplish the City’s climate goals. See the figure below for a depiction of how the goals, measures, and actions are connected.



## 2 Key Strategic Themes

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These specific key strategic themes have been identified to be specific community impact areas that together will activate or guide the buildout of actions for each measure. The key strategic themes are:

- **Foundational:** Actions that are **already** being pursued and/or implemented by the City or one of its partners. Foundational actions are included in part to give context as well as track emissions reductions wholistically to meet state and local goals. Foundational actions also allow the City to measure and apply its greenhouse gas reductions in the time between the last emissions inventory period and the adoption of the new Climate Action Plan.
- **Structural Change:** Actions that establish a program, policy, or ordinance that will allow the City to reach the target identified within a measure.
- **Education:** Actions that support a structural change by increasing community awareness and understanding, getting community buy in, and promoting the existence of programs.
- **Equity:** Actions that engage and consider under-resourced populations that are more likely to have a harder time undertaking the actions in this plan and adapting to climate change. Equity actions also consider ways for the overall community to equitably experience the benefits and costs of greenhouse gas reduction measures.
- **Funding:** Actions that provide pathways for financial backing and adequate resources (e.g., staffing) to implement a program.
- **Partnerships:** Actions that identify outside non-profits or agencies that can help with implementation of a measure's actions and consistently or sustainably move a measure forward.
- **Feasibility Studies:** Actions that provide additional context about the details, obstacles, or feasibility for implementation of a program. These include analysis necessary to identify the best path forward or the feasibility of implementing a specific measure.
- **Moonshot:** Actions that are innovative, aspirational, and serve as ambitious targets to move the City towards the cutting edge for climate planning.

Many of the actions within this document will not be included in Together to Zero, the executive summary of the CAP, however, they are included here and in the technical appendix for quantification and analysis purposes.

## 3 Measures

This section provides a high-level list of measures. Sections 4 to 8 detail the actions that accompany each measure.

### City of Santa Barbara CAP GHG Emissions Reduction Measures List

Measure #	Measure
<b>Building Energy</b>	
BE-1 (Municipal)	Decarbonize 50% of municipal buildings and facilities by 2030 and all remaining municipal facilities by 2035
BE-2 (Municipal)	Procure carbon free or 100% renewable electricity for municipal operations by 2030
BE-3 (Municipal)	Increase municipally owned distributed renewable energy generation throughout the City
BE-4	Expand existing natural gas prohibition ordinance for new construction
BE-5	Reduce Existing Residential Natural Gas Consumption by 10% Below 2019 Levels by 2030 and 17% Below 2019 Levels by 2035
BE-6	Reduce Commercial Natural Gas Consumption 10% Below 2019 Levels by 2030 and 18% Below 2019 Levels by 2035
BE-7	Increase the impact of Santa Barbara Clean Energy (SBCE)
<b>Transportation</b>	
T-1 (Municipal)	Continue to develop and implement the municipal Transportation Demand Management (TDM) program
T-2 (Municipal)	Electrify or otherwise decarbonize the municipal fleet by 2035
T-3	Implement Programs that Enhance Access to Safe Active Transportation, such as Walking and Biking, to Increase Active Transportation Mode Share to 6% by 2030 and to 10% by 2035
T-4	Implement Programs to Encourage Public Transportation to Increase Public Transportation Mode Share to 7% by 2030 and to 8% by 2035
T-5	Support and promote regional programs that reduce the use of the single occupancy vehicles
T-6	Increase Zero-Emission Passenger Vehicle Use and Adoption to 30% by 2030 and 55% by 2035
T-7	Accelerate Zero-Emission Commercial Vehicle Use and Adoption to 26% by 2030 and 45% by 2035
T-8	Electrify or Otherwise Decarbonize 6% of Off-Road Equipment by 2030 and 20% by 2035
<b>Water, Solid Waste, and Wastewater</b>	
W-1 (Municipal)	Increase municipal procurement of recovered organic waste products
W-2 (Municipal)	Reduce municipal water consumption
W-3	Reduce Per Capita Potable Water Consumption 1.05% by 2030 and 1.58% by 2035
W-4	Reduce Organic Waste 80% below 2014 levels by 2030 and 85% by 2035
<b>Carbon Sequestration</b>	
CS-1	Increase carbon sequestration by maintaining existing trees and natural lands and by planting 4,500 new trees throughout the community by 2030
CS-2	Explore new carbon sequestration and carbon capture opportunities
CS-3	Maintain and expand existing restoration projects to sequester carbon through a 25-acre net increase in restored, non-irrigated land areas by 2030

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<b>Measure #</b>	<b>Measure</b>
CS-4	Increase Carbon Sequestration by Applying 0.08 tons of Compost per Capita Annually in the Community through 2030 and 2035
CS-5	Reduce GHG emissions of residential and commercial building materials 20% by 2030 and a 40% by 2035 in line with AB 2446
<b>Community Climate Potential</b>	
CP-1	Encourage community innovation and empower the local green economy through investment in a green technology workforce
<b>Administrative</b>	
A-1 (Municipal)	Facilitate Climate Action Planning updates and supportive programming
A-2	Staff appropriately across sector-based programs and projects to fully source funds and implement actions

## 4 Building Energy Measures

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**Measure BE-1 (Municipal) Decarbonize 50% of Municipal Buildings and Facilities by 2030 and All Remaining Municipal Facilities by 2035**

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
BE-1.1	Feasibility Study	Develop a plan to electrify 50% of City-owned municipal buildings by 2030 and decarbonize 100% of municipal facilities by 2035. The plan will include an inventory of fossil fuel-powered municipal building equipment, low/zero-carbon technologies available for replacing the equipment (where available), and a short- and long-term schedule for completion. Address diesel generators and recent natural gas investments. Address feasibility concerns around community swimming pool decarbonization. Any buildings that are unable to be electrified due to technological infeasibility should be decarbonized with other technology.	Supportive
BE-1.2	Structural Change	By 2031, develop an ordinance to require the installation of solar and energy storage backup power instead of diesel generators, where feasible.	Supportive
BE-1.3	Structural Change	Implement the municipal building decarbonization plan developed under BE-1.1 to decarbonize 100% of municipal buildings by 2035 (any buildings that are unable to be electrified due to technological infeasibility shall be decarbonized with other technology).	Supportive
BE-1.4	Structural Change	Develop and implement a plan for retrofitting all remaining streetlights, facility lighting, and traffic signals to LEDs by 2035.	Supportive
BE-1.5	Foundational, Funding	Leverage the grant writer position(s) in strategy A-2.2 to expand funding efforts for municipal decarbonization.	Supportive
BE-1.6	Structural Change	Include, at the time of lease renewal, requirements for City-owned leased buildings and facilities to be all-electric.	Supportive

**Measure BE-2 (Municipal) Procure Carbon Free or 100% Renewable Electricity for Municipal Operations by 2030**

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
BE-2.1	Foundational	Require all municipal electrical accounts to remain in SBCE's 100% Green option and purchase carbon-free electricity.	Supportive

**Measure BE-3 (Municipal) Increase Municipally Owned Distributed Renewable Energy Generation throughout the City**

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
BE-3.1	Foundational, Feasibility Study	Implement all feasible microgrid projects at municipal facilities as identified by the 2017 Zero Net Energy study and re-evaluate viability of additional facilities.	Supportive
BE-3.2	Feasibility Studies	Conduct a feasibility study to understand the barriers of installing additional distributed energy resources such as solar and battery storage, or other renewable energy generation infrastructure, at municipal facilities. Plan for directing resources through the City for funding, energy storage, and distributed energy resources. Direct municipal efforts to sourcing space for energy storage projects and microgrid implementation.	Supportive

**Measure BE-4 Expand Existing Natural Gas Prohibition Ordinance for New Construction**

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
BE-4.1	Structural Change	In 2025 and every 3-years thereafter, revisit building ordinances to update the scope and exemptions to align with industry technology and maximize GHG reduction. Examples include requiring all major remodels (over 50% of building effected or an addition of over 50% of gross floor space) and removing exemptions in the all-electric building requirements. The building code cycle updates are processed in 2025, effective in 2026, and updated every 3-years.	2030: 7,918 2035: 12,975

**Measure BE-5 Reduce Existing Residential Natural Gas Consumption by 10% Below 2019 Levels by 2030 and 17% Below 2019 Levels by 2035**

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
BE-5.1	Structural Change	Adopt a time of renovation energy efficiency and electrification requirement by 2025, effective 2026. This ordinance could require replacement of HVAC systems, hot water heaters, and other appliances to be all electric and low hydrofluorocarbons (HFC) gas emitters or provide a checklist of cost-effective efficiency and electrification options for renovations to complete based on the scope of the project. Adopt an electrification ordinance for existing residential buildings by 2028, effective 2029, to be implemented through the building permit process, which bans expansion or reconnection of natural gas infrastructure.	2030: 426 2035: 859
BE-5.2	Feasibility Studies, Education, Equity	Complete an existing building electrification feasibility analysis in collaboration with UCSB or another research institution by 2025 to determine the upfront and on-bill costs associated with building electrification strategies. This information will be used to inform and support future ordinances addressing existing building electrification as well as the building electrification accelerator (BE-5.3). The study will include extensive community input and an equity analysis to ensure all people have affordable access to the health, comfort, economic, and resilience benefits of building electrification.	2030: 7,880
BE-5.3	Structural Change, Education, Equity	Create a residential building electrification accelerator program to increase community access to building electrification resources. This program should include the provision and expansion of resources needed to support residents in electrifying their homes. For example, by providing rebates, enhanced funding for income-qualified homeowners, technical expertise, and contractor support.	2035: 13,551 (reductions associated with combined actions of Action 5.2-5.18)
BE-5.4	Feasibility Study, Structural Change	Identify opportunities for the strategic reduction of gas infrastructure within the City and develop a gas infrastructure pruning pilot program.	
BE-5.5	Structural Change, Education, Equity	Complete a low income and affordable housing electrification pilot project in collaboration with affordable housing owners, utilities, and the community. The pilot project will ensure that there is not an increase to energy bills for occupants of pilot buildings.	
BE-5.6	Structural Change, Funding	Provide a rebate at time of sale for qualifying building electrification upgrades including panels, wiring, and heat pump appliances. Implement the rebate program by 2025.	

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
BE-5.7	Education, Structural Change	Improve the City's building electrification permit process through a comprehensive permitting compliance program that streamlines processes, reduces fees, provides permit and inspection checklists, shortens review times, and educates affected trades and staff, thus reducing barriers to electrification and unlocking available incentives.	
BE-5.8	Feasibility Studies	Conduct a feasibility study of a smart building market demand program, such as Recurve's <i>flexgrid</i> program. The study should include a pilot project that allows building owners to track the power generation and consumption of their retrofitted structures and work on making this a widely available and affordable option.	
BE-5.9	Structural Change	Develop the program studied in BE-5.8 that allows building owners to track the power generation and consumption of their retrofitted structures to optimize energy management.	
BE-5.10	Funding	Partner with ReCurve or similar entity to design and implement a market demand program that would pay energy users to save energy during times of peak demand, use energy more efficiently, and help balance the grid.	
BE-5.11	Education	Expand education programs directed at homeowners and renters on energy resource programs (examples include energy efficiency programs, demand response, and market demand programs).	
BE-5.12	Structural Change	Promote residential energy disclosure legislation, requiring home energy score at time of all residential property sale or rental listings.	
BE-5.13	Structural Change, Funding	Establish a program that provides targeted direct install services and cost share for specific electrification measures with multi-unit residential development owners. City to cover incremental cost in addition to an incremental electricity rate from SBCE.	
BE-5.14	Structural Change, Equity	Develop and implement a multi-family residential property regulation by 2028 to promote phased building energy efficiency and decarbonization. The regulation would require periodic energy inspections and prescriptive energy efficiency and decarbonization points requirements from a standardized checklist, with required performance increasing over time.	
BE-5.15	Structural Change	Develop an emergency hot water appliance program where the City provides residents with emergency natural gas hot water heaters within 24 hours of a request, with an agreement that the resident's gas powered hot water heater will be replaced within 6 months with a heat pump water heater.	
BE-5.16	Education	Increase community awareness and understanding of tax benefits for residential building energy efficiency upgrades (Example: the Residential Energy Efficiency Property Tax Credit).	
BE-5.17	Funding	Develop incentives for California Alternate Rates for Energy (CARE)/ Family Electric Rate Assistance (FERA) subsidized rate programs for low-income resident customers to increase energy assurance.	
BE-5.18	Structural Change, Funding	Implement direct installation and/or incentive programs that facilitate the installation of combined solar and battery energy storage system installations on local area single family residential buildings. Target 120 installations by 2035.	
BE-5.19	Moonshot	Adopt a natural gas end of flow date by 2040. <sup>1</sup> Create public	

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Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
		engagement and education campaigns around this action to give the community advanced notice as well as signify all progress being made to make this possible.	

<sup>1</sup> Action not included in GHG emission reductions quantification to avoid double counting with rest of measure.

**Measure BE-6 Reduce Commercial Natural Gas Consumption 10% Below 2019 Levels by 2030 and 18% Below 2019 Levels by 2035**

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
BE-6.1	Structural Change	Based on the results of measure BE-5.2, the existing building electrification feasibility analysis, develop and adopt an ordinance for existing commercial buildings by 2025, effective 2026, that requires the replacement of fossil fuel building systems such as HVAC and Domestic Hot Water systems with heat pumps at time of renovation. Any buildings that are unable to be electrified due to technological infeasibility shall be decarbonized with other technology. Adopt an electrification ordinance for existing commercial buildings by 2028, effective 2029, to be implemented through the building permit process, which bans expansion or reconnection of natural gas infrastructure.	2030: 1,174 2035: 3,158
BE-6.2	Structural Change	Develop and implement a commercial and mixed-use building benchmarking program for commercial and multifamily buildings over 20,000 square feet by 2025, effective 2026. The program would include reporting electricity and natural gas usage (and any other energy source) data through energy star portfolio manager. It would establish monetary penalties for non-compliance. Residential portions of buildings that are part of a mixed-use development would be exempt. Create incentives for buildings not covered to encourage voluntary compliance.	2030: 4,113 2035: 6,149
BE-6.3	Structural Change	Develop and implement a building performance standard by 2028. The standard should identify a GHG emissions per square footage threshold for each commercial building type using the data collected under action BE-6.2. The program will start with larger commercial/multifamily residential buildings and decrease in size over time.	
BE-6.4	Structural Change, Feasibility Studies	Re-evaluate building performance program every 3 years to gauge implementation progress and possible expansion to smaller sized buildings.	
BE-6.5	Funding, Education	Work collaboratively (via SBCE) with SCE to incentivize all-electric retrofits by combining rebate programs and financing mechanisms to create cost effective electrification packages. Prioritize small, and under-resourced population-owned businesses.	
BE-6.6	Funding, Feasibility Studies, Partnerships, Education	Expand education, outreach and engagement efforts relating to building electrification and energy resources, including these actions: <ul style="list-style-type: none"> <li>▪ Partner with the Santa Barbara South Coast Chamber of Commerce to inform and facilitate electrification for commercial business owners.</li> <li>▪ Conduct a survey of small businesses detailing obstacles and needed resources to inform equity considerations of the ordinance.</li> </ul>	



Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO2e)
		<ul style="list-style-type: none"> <li>Conduct engagement efforts to the commercial sector to identify ways the City can support commercial energy storage installations and neighborhood scale microgrid opportunities.</li> <li>Leverage the grant writer position(s) in strategy A-2.2 to facilitate funding opportunities for commercial business electrification by identifying and supporting grant opportunities, prioritizing small businesses and under-resourced communities.</li> <li>Implement feedback provided during the community outreach process to small businesses and under-resourced population-owned businesses to address potential equity impacts of the building performance program.</li> </ul>	
BE-6.7	Structural Change	Track and require rental energy use disclosures at all commercial property over 10,000 SF. Require an ASHRAE (American Society of Heating, Refrigeration, and Air-Conditioning Engineers) level-1 audit for properties over 10,000 SF, and property over 20,000 SF requires an ASHRAE level-2 audit to be conducted and disclosed to the City, tenants, and potential buyers prior to sale and/or listing.	
BE-6.8	Structural Change, Funding	Establish a decarbonization incentive rate pilot program that would charge SBCE customers a reduced marginal cost rate for installation of specific electrification measures. Target commercial kitchens/restaurants, Hotel/Motels, etc.	
BE-6.9	Education	Publicize tax breaks for commercial building energy efficiency upgrades. For example, Section 179D Deduction is a federal tax deduction that allows commercial building owners to deduct up to \$1.80 per square foot of the cost of qualifying energy-efficient upgrades made to their buildings, including HVAC systems, lighting, and building envelope improvements.	
BE-6.10	Structural Change, Funding	Implement direct installation and/or incentive programs that facilitate the installation of combined solar and battery energy storage system installations on local area commercial buildings. Target 36 installations by 2035.	
BE-6.11	Structural Change	Develop an emergency hot water appliance program where the City provides commercial residents with emergency natural gas hot water heaters within 24 hours of a request, with an agreement that the hot water heater will be replaced within 6 months with a heat pump.	
BE-6.12	Structural Change, Education, Equity	Create a commercial and mixed-use building electrification accelerator program to increase community access to building electrification resources. This program should include the provision and expansion of resources needed to support building electrification. For example, providing rebates, enhanced funding for income-qualified homeowners, technical expertise, and contractor support.	

**Measure BE-7 Increase the Impact of Santa Barbara Clean Energy (SBCE)**

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO2e)
BE-7.1	Foundational	Adopt a reach code requiring all non-residential new construction and major remodels to include solar PV and potentially batteries as well.	Supportive
BE-7.2	Structural Change, Education	Convert SCE direct access customers to SBCE through targeted programs, incentives, and engagement. Direct access customers purchase electricity from a competitive provider called an Electric Service Provider (ESP),	Supportive

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Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO2e)
		instead of from a regulated electric utility like Southern California Edison (SCE).	
BE-7.3	Structural Change	Develop targeted rate structures and other incentives for large commercial customers including demand response.	Supportive
BE-7.4	Education, Equity	Develop a local education program detailing incentives for electrification and promoting the benefits of opting in to SBCE's service, particularly for under-resourced populations.	Supportive
BE-7.5	Education, Foundational	Maintain SBCE opt-out rates below 10%.	Supportive
BE-7.6	Structural Change, Foundational	Create innovative pilots for SBCE through local partnerships addressing technical, low-income, market, and policy barriers to progress the City's sustainability and resilience goals. Consider working with departments at UCSB like Technology and Management Program for innovative solutions that leverage technology, Engineering for data-driven solutions, and Environmental Science for cutting edge environmental research.	Supportive
BE-7.7	Structural Change	Develop a Feed-In Tariff to increase and incentivize distributed energy resources. Feed-In Tariffs allow eligible small-scale renewable energy generating sources to sell their energy back to the utility or major energy grid.	Supportive

# 5 Transportation Measures

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## Measure T-1 (Municipal) Continue to Develop and Implement the Municipal Transportation Demand Management (TDM) Program

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
T-1.1	Structural Change, Foundational, Funding	Provide free or discounted access to public transit passes and the electric bicycle share program for all municipal employees and expand the WorkTRIP program to offer additional carbon-free or carbon-reduced modes of travel incentives.	Supportive
T-1.2	Structural Change	Explore a hybrid remote work program policy that supports municipal office employees to work from home as feasible (including alternative work schedules where feasible). City to explore financial assistance to help offset costs associated with home office needs.	Supportive
T-1.3	Structural Change, Funding	Provide cash incentives or paid time off for City employees to bike, walk, and carpool to work.	Supportive
T-1.4	Feasibility Study	Conduct a detailed survey of City staff commute data annually including employee feedback to identify both major emission sources and potential gaps in planning.	Supportive
T-1.5	Feasibility Study, Structural Change	Identify opportunities for accessing bike lockers and showers at municipal office buildings.	Supportive

**Measure T-2 (Municipal) Electrify or Otherwise Decarbonize the Municipal Fleet by 2035**

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
T-2.1	Foundational	Complete and implement the City's Zero Emission Vehicle Acquisition Policy to convert fossil fuel municipal fleet vehicles, where feasible, to electric or otherwise decarbonize the fleet by 2035, including a short and long-term schedule for completion as well as potential for regional bulk procurement. Gain approval from City Council to allow discretionary electric vehicle purchases from different vendors.	Supportive
T-2.2	Structural Change	Install additional zero emission vehicle chargers in municipal parking lots for fleet and employee use.	Supportive
T-2.3	Foundational, Feasibility Studies	Procure biofuels (renewable diesel and biogas) to operate municipally owned on and off-road equipment with no existing opportunities for decarbonization. Re-evaluate decarbonization opportunities regularly to ensure biofuels are not being used for equipment that could otherwise be decarbonized.	Supportive
T-2.4	Structural Change	Develop and adopt a purchasing policy for smaller equipment (e.g., landscaping equipment) that includes reviews and prioritization of emissions-free equipment each time equipment is purchased.	Supportive

**Measure T-3 Implement Programs that Enhance Access to Safe Active Transportation, such as Walking and Biking, to Increase Active Transportation Mode Share to 6% by 2030 and to 10% by 2035**

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
T-3.1	Foundational, Funding	Implement the City's Bicycle Master Plan and Pedestrian Master Plan goals and policies to enhance community access to safe active transportation options. Using these guiding documents, identify, design, and procure funding for projects that can forward the goals of the BMP and PMP, and create bike and pedestrian infrastructure that is safer, easier to use, and widely accessible for all community members.	2030: 952 2035: 2,757
T-3.2	Foundational, Funding	Pursue funding and coordinate with existing streets maintenance programs to close gaps in the pedestrian and bike network, as identified in the Bicycle Master Plan, Pedestrian Master Plan, and Capital Improvement Program.	Supportive
T-3.3	Feasibility Studies, Structural Change	Evaluate existing bike parking facilities and identify what improvements can be made to increase parking supply, reduce theft, and increase rider attraction. Include analysis of last mile limitations and hurdles and add bike parking near transit stops accordingly. Consider AB 2097 and expanding bike parking with private facilities when vehicle parking is limited.	Supportive

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
T-3.4	Structural Change, Equity	Adopt the State’s Slow Streets Program and expand the City’s existing neighborhood traffic calming efforts with a focus on equity considerations for additional locations.	Supportive
T-3.5	Partnerships, Education	Engage MOVE SBC, SBCAG, MTD, Santa Barbara County Public Health Department, Cottage Hospital, school districts, local law enforcement, bike advocates, and community stakeholders to continue to identify and implement additional short-term and long-term bikeway and pedestrian infrastructure improvements, Vision Zero messaging and efforts, and general education regarding the safe utilization of our public active infrastructure.	Supportive
T-3.6	Equity, Foundational	Build new infrastructure to ensure there is equitable access to safe bike and pedestrian infrastructure in all areas of the city. Focus planning, development, and construction of active transportation infrastructure in regionally defined disadvantaged communities.	Supportive
T-3.7	Structural Change	Evaluate amending the zoning ordinance to increase bike parking and types of bike parking facilities for land development projects.	Supportive
T-3.8	Foundational	Implement the recommended bike facilities outlined in the Santa Barbara Bicycle Master Plan to add 30 miles of bike ways to the City by 2030.	
T-3.9	Foundational, Equity	Implement Santa Barbara's Vision Zero Strategy to eliminate serious injuries and fatalities on City streets.	Supportive
T-3.10	Feasibility Studies	Leverage technology to track mode shifts to active transportation. Conduct an annual review of progress on implementation progress, data quality, and potential barriers to implementation. Once an effective tracking method is developed, the City shall aim to achieve 6% increase in active transportation mode share by 2030 and 10% by 2035.	Supportive
T-3.11	Structural Change, Equity	Increase bike parking in nonresidential places like populated areas, City Parks, beaches, etc.	Supportive
T-3.12	Structural Change	Accelerate the production and availability of affordable housing near urban centers by updating and adopting the Housing Element and Zoning Code to reduce VMTs; by exploring alternative strategies to create and preserve affordable housing, such as co-ops, housing or land trusts; and by streamlining project review with objective design standards.	Supportive

**Measure T-4 Implement Programs to Encourage Public Transportation to Increase Public Transportation Mode Share to 7% by 2030 and to 8% by 2035**

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
T-4.1	Structural Change, Feasibility Studies	Explore alternative forms of public transit, such as micro transit and/or new electric shuttle routes, in areas with higher congestion and population densities. Micro transit is a type of on-demand, shared transportation service that typically operates with smaller vehicles, such as vans or mini-buses, and offers flexible routes and schedules.	
T-4.2	Education, Foundational	Market and publicize public transportation improvements as they are planned and implemented in a variety of methods (social media, newspaper, radio, etc.) and languages to help facilitate use and success of improvement.	
T-4.3	Partnerships, Feasibility Studies	Partner with Santa Barbara MTD to determine transit priority projects and determine best potential locations for expansion and increased service.	2030: 3,547 2035: 4,641
T-4.4	Partnerships, Foundational	Work with nonprofit and community stakeholders to enhance public transit opportunities.	
T-4.5	Equity, Foundational	Work with Santa Barbara MTD to ensure public transportation access and improvements are prioritized in low-income and high population density areas of the City.	
T-4.6	Partnerships	Work with MTD to identify and implement pilot projects and infrastructure updates to make transit safer, more consistent, and more convenient.	

**Measure T-5 Support and Promote Regional Programs that Reduce the Use of Single Occupancy Vehicles**

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
T-5.1	Structural Change, Partnerships, Education, Foundational	Continue to work with SBCAG to encourage employers to develop Transportation Demand Management (TDM) Plans for their employees. TDM plans should include incentives for employees to bike, walk, carpool, or take the bus to work and should be publicized on a website.	Supportive
T-5.2	Feasibility Studies, Partnerships, Equity	To enhance the Santa Barbara community's ability to telecommute, implement SBCAG's Broadband Regional Study to identify areas of the City that have limited access to broadband service due to infrastructure and financial limitations.	Supportive
T-5.3	Funding, Equity	To enable telecommuting, leverage the grant writer position(s) in strategy A-2.2 to identify funding opportunities to bridge the broadband access gap in the City by helping to fund installation of infrastructure or subsidize broadband service for low-income households.	Supportive
T-5.4	Funding, Equity	Provide active and alternative transportation resources across all businesses in the city prioritizing small, women owned, and minority owned businesses regardless of Transportation Demand Management Plan (TDM) membership.	Supportive
T-5.5	Foundational	Implement AB 2097 which prohibits the City from imposing minimum parking requirements on residential and commercial development, if located with ½ mile of public transit that is consistent with AB 2097.	Supportive

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
T-5.6	Structural Change, Funding	In line with the General Plan, develop and implement a program to manage parking of single-occupancy vehicles. Utilize on street parking pricing for all downtown parking locations and use revenue to fund active transportation, public transportation projects, and neighborhood improvements. The program should address parking issues citywide and consider measures to prevent impacts to surrounding areas and coastal access. This analysis may include citywide use of parking permit programs and other measures.	Supportive
T-5.7	Structural Change	Develop the Pilot Bike Share Program into a permanent and dependable bike share network that provides access to key destinations throughout the City, and work with regional partners to assess potential for a regional bike share system.	Supportive
T-5.8	Education, Foundational	Coordinate with SBCAG and regional partners to update regional active transportation maps. Distribute active transportation maps and educational materials to various stakeholders. Prioritize education regarding digital mapping that is available on regularly used platforms like Google Maps.	Supportive
T-5.9	Partnerships	Partner with the tourism and business sectors of the greater Santa Barbara County region to identify pathways to increase active transportation by tourists and employees.	Supportive
T-5.10	Equity, Education	Reduce driving of single occupancy vehicles through public education and engagement. Examine equity concerns around reducing single occupancy vehicles and ensure there are adequate resources available for alternative forms of transportation.	Supportive
T-5.11	Structural Change, Feasibility Study	Explore options to address long distance commuter parking. For example, add a parking lot outside of the downtown area for long distance commuters and use mode share to bring these employees into the downtown area from the new parking lot, reducing parking congestion.	Supportive

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**Measure T-6 Increase Zero-Emission Passenger Vehicle Use and Adoption to 30% by 2030 and 55% by 2035**

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
T-6.1	Structural Change	In 2025 and every 3-years thereafter, amend the Municipal Code to require increased number of electric vehicle capable charging spaces in new construction and major redevelopment for commercial, mixed-use, and multi-family development.	2030: 53,948 2035: 107,774
T-6.2	Structural Change	In 2025 and every 3-years thereafter, revisit commercial and multi-family building ordinances to be updated and require large commercial (more than 10,000 square feet) and large multi-family (more than 20 units) building owners that are providing parking to install working electric vehicle chargers in 20% of parking spaces for existing buildings when undergoing a major remodel (over 50% of building effected or an addition of over 50% of gross floor space).	Supportive
T-6.3	Foundational	Add 1,788 (by 2030) and 3,536 (by 2035) new publicly accessible electric vehicle charging stations throughout the City and at City-owned facilities to support community EV charger access.	Supportive
T-6.4	Foundational	Support private development of EV charger installations by effectively streamlining City processes, such as expediting permitting, easing onerous regulations, develop a permitting design guide.	Supportive
T-6.5	Equity, Partnerships	Identify private sector partnerships and develop affordable, zero-emission vehicle car share programs to serve affordable housing and/or multi-unit developments with a priority to target under-resourced populations.	Supportive

**Measure T-7 Accelerate Zero-Emission Commercial Vehicle Use and Adoption to 26% by 2030 and 45% by 2035**

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
T-7.1	Feasibility Studies	Develop and implement a City Zero Emission Vehicle Action Plan (ZEVAP) to identify policies to accelerate ZEV adoption community wide.	2030: 1,777 2035: 2,140
T-7.2	Funding, Education, Equity	Identify and connect commercial vehicle owners, particularly those serving under-resourced communities, to resources that can incentivize vehicle electrification. This could include local tax breaks.	Supportive
T-7.3	Education, Partnerships	Provide information to the public on low-carbon fuel standards (LCSF) and how businesses can develop LCSF credits or other state and federal programs to help fund conversion of commercial fleets to zero emissions vehicles.	Supportive
T-7.4	Funding	Create a small business truck buyback program to buyback trucks from local small businesses to upgrade to electric.	Supportive
T-7.5	Moonshot	Consider establishing a licensing fee for commercial delivery vehicles operating on fossil fuels (such as Amazon and FedEx) to provide funding for new active transportation and EV charging/ZEV fueling infrastructure and discounting the fee for the proportion of electric vehicles the delivery company uses.	Supportive



**Measure T-8 Electrify or Otherwise Decarbonize 6% of Off-Road Equipment by 2030 and 20% by 2035<sup>1</sup>**

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
T-8.1	Structural Change, Funding	Align with or exceed AB 1346 and expand enforcement of the ordinance that bans gas powered small off-road engines by 2024 (e.g., lawn and garden equipment). Provide income tiered incentives or buyback programs for burdened residents and businesses. Identify staffing needs for an enforcement and implementation tracking program run by the relevant City department.	2030: 2,857 2035: 9,859
T-8.2	Education	Inform, educate, and support the transition of local employers to zero emission off-road equipment, including major construction companies, manufacturers, landscapers, and warehouse companies.	Supportive
T-8.3	Feasibility Studies	Investigate off-road equipment fleets in the City of Santa Barbara, identify fleets with highest decarbonization potential, and conduct engagement to under-resourced communities to understand how to support conversion.	Supportive
T-8.4	Partnerships, Funding	Partner with Santa Barbara County Air Pollution Control District to expand rebate and incentive programs for upgrading off-road equipment to hybrids, biofuels, or fully electric.	Supportive
T-8.5	Funding	Leverage the grant writer position(s) in strategy A-2.2 to source state funding to decarbonize off-road equipment as a result of Executive Order N-79-20 and State Climate Funding Package.	Supportive
T-8.6	Education	Develop a landscape equipment education and incentive program incentivizing motorized landscape equipment electrification (electric leaf blowers already required, but can get rolled into an education campaign) for hedge trimmers, etc.	Supportive

<sup>1</sup> This would not apply to recreational or commercial marine vessels. The California Air Resources Board currently has regulations in place to develop a performance standard program for commercial marine vessels. This requires zero- emission options where feasible, and cleaner combustion Tier 3 and 4 engines on all other vessels. Implementation of these regulations will occur in 2023 through the end of 2032.

## 6 Water, Solid Waste, and Wastewater Measures

### Measure W-1 (Municipal) Increase Municipal Procurement of Recovered Organics Waste Products

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
W-1.1	Structural Change, Funding	Require City agencies to procure and apply compost generated from municipal organic waste to the exterior of suitable facilities as part of their operations.	Supportive
W-1.2	Structural Change	Increase signage for municipal buildings, parking, and sidewalk bins on accepted landfill, recyclable, and compostable materials.	Supportive
W-1.3	Feasibility Studies	Investigate opportunities for procuring recovered organic waste products within municipal facilities.	Supportive

### Measure W-2 (Municipal) Reduce Municipal Water Consumption

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
W-2.1	Foundational	Continue implementing City policies for water-conserving equipment upgrades and practices at City government facilities. Implement additional facility, landscape, and procedure improvements to further conserve water as identified and determined feasible.	Supportive
W-2.2	Structural Change, Foundational	Create a Green Community Infrastructure Program based on the Stormwater BMP Guidance Manual with upgraded public spaces, green parking lots, green alleys and increased green stormwater infrastructure on City facilities.	Supportive

### Measure W-3 Reduce Per Capita Potable Water Consumption 1.05% by 2030 and 1.58% by 2035

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
W-3.1	Structural Change, Foundational	Implement all cost-effective measures identified in the Water Conservation Strategic Plan.	2030: 1.72 2035: 0.67
W-3.2	Structural Change, Funding	Leverage the grant writer position(s) in strategy A-2.2 to source funding for the Water Conservation Strategic Plan programs and rebates.	
W-3.3	Education, Foundational	Educate the community through the Water Resources division of Public Works to understand available incentives, options, and programs to reduce per capita water use.	
W-3.4	Education	Expand public engagement campaigns to promote the available rebates through the City's Water Conservation Programs.	
W-3.5	Education, Foundational	Utilize available enhanced water consumption data from the City's Automated Metering Infrastructure, along with the WaterSmart customer portal, to educate water customers about water use patterns and leak detection.	
W-3.6	Funding,	Leverage the grant writer position(s) in strategy A-2.2 to provide specialized	

Equity	rebate or other funding to low and medium incomes homes for installing laundry to landscape, rainwater catchment system, low-flow appliances, and fixing water leaks.
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#### Measure W-4 Reduce Organic Waste 80% below 2014 levels by 2030 and 85% by 2035

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
W-4.1	Foundational	Meet the requirements of SB 1383 to reduce organics in the waste stream by 80% below 2014 levels. Include existing activities of: <ul style="list-style-type: none"> <li>Pilot and evaluate emerging technologies like at-source organic waste digestion to reduce organic waste by restaurants and other major food waste producers.</li> <li>Implement enforcement and fee for incorrectly sorted materials with sensitivity to shared collection.</li> <li>Increase bin signage across commercial and residential areas of acceptable landfill, recyclable, and compostable materials.</li> </ul>	2030: 45,773 2035: 50,271
W-4.2	Education, Funding	Create a templated training for businesses to educate their employees about circular economy-based practices annually by providing training resources and rebate program to fund employee time for training. Support lower-impact reusable and reduced packaging businesses.	Supportive
W-4.3	Education, Equity	Conduct targeted multicultural education and assistance campaigns to enhance reuse, ways to prolong the useful life of common materials and items, and sustainable purchasing practices.	Supportive
W-4.4	Education	Conduct a Bring Your Own (BYO) education and outreach training for the community on reusables and implementing more sustainable packaging into daily use. Provide resources of education on City website. Educate community on food scraps on resource center.	Supportive
W-4.5	Feasibility Studies	Conduct waste characterization studies every 4-5 years to inform programs and policies. Leverage study to understand the waste stream and create a plan to increase diversion and reduce contamination.	Supportive
W-4.6	Partnerships, Structural Change	Collaborate with the County and Resource Conservation District to develop a regional compost trading program to provide farmers with compost to meet organic procurement target set by SB 1383.	Supportive
W-4.7	Funding	Establish regional consortium to plan and pursue funding for infrastructure beyond 2025 SB 1383 targets.	Supportive
W-4.8	Equity, Education	Establish relationships with multi-unit property owners/managers to develop signage for their properties. Go door-to-door at each multi-unit unit yearly to provide supplies and education for proper sorting.	Supportive
W-4.9	Equity, Education	Conduct outreach campaign to low and medium -income residents educating them on issues related to abandoned waste and informing them on how to access bulky item and abandoned waste services at no cost.	Supportive
W-4.10	Structural Change, Partnerships	Partner with the harbor, airport and other major Santa Barbara facilities to facilitate no single use plastic practices.	Supportive
W-4.11	Structural Change, Foundational	Continue to provide different bin size options for green waste, recycling, and trash at different costs (smaller bins being cheaper options) and work towards discontinuing the use of larger waste containers as feasible.	Supportive
W-4.12	Structural Change, Foundational	Ban items without means of recycling or recycling markets, such as sale of polystyrene, produce bags, plastic packaging, straws, plastics #4-7, and mixed materials.	Supportive
W-4.13	Structural	Implement pilot project for reusable restaurant to-go containers.	Supportive

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Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
Change			
W-4.14	Structural Change, Partnerships	Explore opportunities to promote a "circular economy" among local manufacturers and industry. Build on existing AB 619 legislation to fund temporary or permanent food facility item reuse.	Supportive
W-4.15	Education, Partnerships	Partner with libraries and other existing facilities to market campaigns about waste reductions, reuse, and repair.	Supportive
W-4.16	Feasibility Studies, Partnerships	Partner with UCSB, ICLEI and other organizations to cost effectively evaluate and develop resources around consumption-based emissions. Utilize consumption-based emissions inventory to understand Santa Barbara's most carbon intensive consumption habits and emission reduction potential and promote closed-loop circular economy. Based on the results, create a plan to achieve the objective of zero growth of waste generation. Consider reusable diaper service, plant-based diets, etc.	Supportive
W-4.17	Equity, Education	Create a training/education program that is free and accessible to all residents and employees to learn about circular economy practices and diversion strategies and effects of overconsumption.	Supportive

# 7 Carbon Sequestration

## Measure CS-1 Increase Carbon Sequestration by Maintaining Existing Trees and Natural Lands and by Planting 4,500 New Trees throughout the Community by 2030

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
CS-1.1	Education, Structural Change, Partnerships	Continue to implement and expand the City's Urban Forest Management Plan to include goals for promoting street tree health, enhancing resiliency, increasing the environmental benefits and co-benefits resulting from street trees and shading, community engagement around the urban forest. Include activity to promote street tree health and maintaining existing trees through partnerships with the community and local non-profits.	2030: 159 2035: 159
CS-1.2	Structural Change, Feasibility Studies	Continue to look for opportunities to increase carbon sequestration via land acquisitions and tree protections in alignment with the City's Open Space, Parks and Recreation Element.	Supportive
CS-1.3	Structural Change, Foundational	Implement the City's Community Wildfire Protection Plan to reduce fire risk and carbon loss due to wildfires by conducting vegetation management throughout the City. Ensure that vegetation management projects minimize full removal of vegetation or conversion of land cover type from a higher carbon sequestration land cover (shrubs and trees) to a lower carbon sequestration land cover type (annual grasses).	Supportive
CS-1.4	Feasibility Study	Develop a Citywide, or participate in a regional, carbon sequestration analysis and plan to explore opportunities to increase sequestration in the City.	Supportive
CS-1.5	Structural Change, Equity, Education	Implement the City of Santa Barbara's Creek Tree Program to assist private creekside landowners with improving wildlife habitat along creeks in Santa Barbara through the protection and planting of native trees. Develop a wildlife habitat installation program where the City provides carbon sequestering plants and creek trees and removes non-natives as feasible for appropriate creekside properties. Prioritize low-income areas for implementation of the Creek Tree Program and keep an updated publicly accessible page on the City website with important information about the program.	Supportive
CS-1.6	Feasibility Studies	Update tree canopy coverage data within the City to measure the change in coverage over time as it relates to sequestration as part of the next Urban Forest Management Plan update.	Supportive
CS-1.7	Partnerships	Invest and participate in regional development of local carbon off-set program in partnership with the County and/or Central Coast Regional Collaborative.	Supportive
CS-1.8	Equity	Prioritize low-income areas of the City with less existing tree canopy for tree plantings and increase shading in gathering spaces.	Supportive

## Measure CS-2 Explore New Carbon Sequestration and Carbon Capture Opportunities

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
CS-2.1	Partnerships, Feasibility Studies	Create an organizational body (internally within the City or through a partnership like with UCSB or the Santa Barbara Botanical Garden) to lead program development and research for facilitating emergent carbon sequestration and carbon capture plans relevant to the City.	Supportive
CS-2.2	Education	Pilot and promote carbon sequestering construction materials like low-carbon	Supportive

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		concrete and mass timber.	
CS-2.3	Education, Partnerships	Work with local architects, construction trades, and workforce development organizations to expand industry knowledge and adoption of carbon sequestering building materials and techniques.	Supportive
CS-2.4	Feasibility Studies	Conduct a feasibility study to explore carbon capture and storage opportunities for the community.	Supportive
CS-2.5	Feasibility Studies, Partnerships	Initiate a study partnering with local academic institutions and the ReSource Center to identify and research ways to create a circular economy around organic waste and increasing edible food rescue.	Supportive
CS-2.6	Feasibility Studies	Conduct a feasibility study to explore repurposing biosolids into biochar locally and replacing conventional fertilizer through Public Works.	Supportive
CS-2.7	Partnerships, Feasibility Studies	Invest in the existing kelp farming efforts by studying regional environmental impacts and sequestration potential through a partnership with UCSB.	Supportive
CS-2.8	Partnerships	Partner with furniture, home renovation, and construction companies to promote sustainable and locally harvested timber to reduce embodied carbon from transit of construction materials and reduce the price premium of emerging timber uses.	Supportive
CS-2.9	Funding	Leverage the grant writer position(s) in strategy A-2.2 to expand funding for the carbon sequestration program.	Supportive
CS-2.10	Equity	If there are localized co-benefits to any sequestration projects focus development, when possible, to benefit historically adversely impacted under-resourced communities.	Supportive

**Measure CS-3 Maintain and Expand Existing Restoration Projects to Sequester Carbon through a 25-acre Net Increase in Restored Land Areas by 2030**

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
CS-3.1	Structural Change, Partnerships, Equity, Education	Develop a Citywide restoration plan in partnership with the Creeks Division, Parks and Recreation, and Public Works to achieve target net increases in restored land area and waterways. Prioritize implementation of restoration projects in disadvantaged communities. Facilitate community outreach through surveys and public meetings on ways to best restore lands and waterways within the City as well as identify additional priority areas.	Supportive
CS-3.2	Structural Change, Equity	Should parcels be identified for potential rezoning from their existing state to a park or open space, consider the following: 1) Provide flexible solutions for developing urban parks in infill areas where traditional neighborhood and community parks are not feasible; 2) Aim to achieve the greatest carbon sequestration possible, given constraints around use and amenities to be included. Use and amenities are determined by Parks and Recreation staff through a community process; and 3) Selection of parcels be made with an aim to serve underserved communities.	Supportive
CS-3.3	Partnerships	Expand Creeks Division volunteering programs to help maintain creek restoration projects. Coordinate projects with Parks and Recreation and Sustainability and Resilience Departments.	Supportive
CS-3.4	Structural Change, Feasibility Studies, Education	Facilitate annual reporting as part of the urban forestry, wildfire prevention, and Citywide restoration efforts by developing and maintaining existing projects to gauge progress over time and identify any gaps related to ongoing projects. Incorporate GHG reduction calculations into this monitoring plan.	Supportive
CS-3.5	Funding,	Leverage the grant writer position(s) in strategy A-2.2 to pursue funding for	Supportive

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
	Foundational	restoration activities with a focus on projects that have not reached completion due to funding constraints.	
CS-3.6	Structural Change, Foundational	Include long term maintenance in restoration planning and implementation by partnering with the community and local organizations to assist in maintenance activities. Include continued maintenance and expansion of Creeks Division projects of the Upper Las Positas Creek, Mission Creek, Palermo Open Space, Arroyo Burro, and the Andree Clark Bird Refuge.	Supportive

#### Measure CS-4 Increase Carbon Sequestration by Applying 0.08 tons of Compost per Capita Annually in the Community through 2030 and 2035

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
CS-4.1	Structural Change	Enforce compliance with SB 1383 and aim to exceed the baseline requirement by establishing a minimum level of compost application per year on applicable/appropriate land throughout the City including City-owned land twice that of SB 1383 requirements.	2030: 1,778 2035: 1,853
CS-4.2	Feasibility Studies	Identify additional locations within the City to apply compost and provide household incentives for small-scale implementation.	Supportive
CS-4.3	Structural Change	Maintain procurement policies to comply with SB 1383 requirements for jurisdictions to purchase recovered organic waste products.	Supportive
CS-4.4	Partnerships, Education	Work with the ReSource Center to provide residents, businesses, and developers with educational material on where compost can be acquired and how it can be used (i.e., landscaping).	Supportive
CS-4.5	Partnerships	Collaborate with Santa Barbara Community College, UC Santa Barbara, local schools, and Public Works to identify opportunities to apply compost to landscaping.	Supportive

#### Measure CS-5 Reduce GHG Emissions of Residential and Commercial Building Materials 20% by 2030 and 40% by 2035 in Line with AB 2446

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
CS-5.1	Feasibility Studies	Conduct a feasibility study on carbon capture technologies to locally produce calcium carbonate (low carbon concrete) creating sequestration via construction materials. Determine viability within the City and project demand.	Supportive
CS-5.2	Partnerships, Feasibility Studies	Partner with UCSB to pilot a building specific embodied carbon reduction project for planned construction.	Supportive
CS-5.3	Moonshot	Develop a strategic construction and procurement plan to promote construction projects that use alternative materials to reduce embodied carbon. Include scoring criteria in City request for proposals for construction projects that identify resilience features such as water and energy efficiency, reduced urban heat, and decrease the embodied carbon in line with AB 2446.	Supportive

## 8 Community Climate Potential

### Measure CP-1 Encourage Community Innovation and Empower the Local Green Economy through Investment in a Green Technology Workforce

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
CP-1.1	Structural Change	Create a Green Technology incubator in partnership with UCSB to determine technological advancement research into clean power, built environment advancement, and carbon sequestration.	Supportive
CP-1.2	Funding	Leverage the grant writer position(s) in strategy A-2.2 to source funding for the Green Technology incubator through involvement of venture capitalist and private equity firms.	Supportive
CP-1.3	Education	Facilitate workforce training by partnering with local academic institutions to offer scholarships for students pursuing climate trades.	Supportive
CP-1.4	Education	Partner with Santa Barbara Community College and/or UCSB to develop a clean energy technology certificate program.	Supportive
CP-1.5	Moonshot	Leverage the grant writer position(s) in strategy A-2.2 to establish an Innovation Bootcamp with funding from SBCE to encourage forward thinking sustainability and resilience ideas and pilots. The Innovation Bootcamp will be tiered based on stages.	Supportive
CP-1.6	Moonshot	Create a climate innovation competition for local area students where the prize is a scholarship or grant.	Supportive



## 9 Administrative

### Measure A-1 (Municipal) Facilitate Climate Action Planning updates and supportive programming

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
A-1.1	Structural Change	Update the Climate Action Plan based on significant new information, regulation, technology, and best available science to reflect changes every 5 years.	Supportive
A-1.2	Education	Explore adding life cycle emissions into the City's decision-making process as data becomes available.	Supportive
A-1.3	Structural Change, Equity	Develop a CAP equity program to monitor implementation of the CAP program to avoid potential inequitable impacts or benefits resulting from the CAP implementation. Adjust the CAP as necessary to avoid identified inequities.	Supportive
A-1.4	Education	Engage with builders and developers to provide information on the requirements for development projects.	Supportive
A-1.5	Education	Create a climate ambassador program to provide on the ground knowledge sharing of climate programs, initiatives, resources, and best practices.	Supportive
A-1.6	Education	Create and expand public engagement campaigns to educate the community and promote rebates and resources available to community members to facilitate participation in climate action.	Supportive
A-1.7	Structural Change, Equity	Create a CAP Community Advisory Committee to advise on CAP implementation and recommended changes and additions in future CAP updates; create an internal City Climate Task Force to develop and implement climate action strategies.	Supportive

### Measure A-2 Staff appropriately across sector-based programs and projects to fully source funds and implement actions

Action Number	Strategic Theme	Action	Anticipated Reduction (MT CO <sub>2</sub> e)
A-2.1		Increase staff time or create at least one new position for additional/increased building inspections, permitting, and new ordinance procedures from the work outlined in the updated Climate Action Plan. (See Strategies BE: Building Operational Energy) (Staffing increase estimate 1-2 people)	Supportive
A-2.2	Funding	Create at least one grant writer and grant manager position to advance the Climate Action Plan Update/Together to Zero implementation plan through funding opportunities. (See Strategies: BE-1.5, BE-6.6, T-3.2, T-3.6, T-5.3, T-8.5, W-3.2, W-3.6, CS-2.9, CS-3.5, CP-1.2, CP-1.5) (Staffing increase estimate 1-2 people)	Supportive
A-2.3	Funding	Create at least two positions and purchase a new truck for the Parks and Recreation department to increase the number of trees planted per year for carbon sequestration goals. (See Strategies: CS-1) (Staffing increase estimate 1-2 people / Equipment increase estimate 1-2 trucks)	Supportive
A-2.4	Education	Create an SBCE Program Manager position to design, develop, implement, and manage SBCE customer programs. (Staffing increase estimate 1 person)	Supportive
A-2.5	Moonshot	Increase staff time or create at least one new position for prioritization of new EV chargers throughout the City, project coordination for transportation	Supportive

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feasibility studies, and additional work around increased active transportation and reduction of single-use passenger vehicles from the work outlined in the updated Climate Action Plan. (See Strategies T: Transportation) (Staff increase estimate: 1-2 people)

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