

# City of Santa Clara

## 2022 Climate Action Plan

### Compliance Checklist

#### **Purpose of the Compliance Checklist**

In 2022, the City adopted a Climate Action Plan (CAP) that outlines the actions the City will undertake to achieve its proportional share of State greenhouse gas (GHG) emissions reductions for the interim target year 2030. The purpose of the 2022 CAP Compliance Checklist (Checklist) is to:

- Demonstrate substantial compliance with GHG reduction strategies from the 2022 CAP in new development projects;<sup>1</sup> and
- Provide a streamlined environmental review pursuant to the California Environmental Quality Act (CEQA).

CEQA Guidelines Section 15183.5 allows for public agencies to analyze and mitigate GHG emissions as part of a larger plan for the reduction of GHGs. Accordingly, the City of Santa Clara's 2022 CAP represents the City's qualified climate action plan in compliance with CEQA. Pursuant to CEQA Guidelines Section 15064(h)(3), 15130(d), and 15183(b), a project's incremental contribution to a cumulative GHG emissions effect may be determined not to be cumulatively considerable if it complies with the requirements of the CAP.

#### **Instructions for Compliance Checklist**

This Checklist applies to proposed discretionary projects that are consistent with the City's General Plan and that require environmental review pursuant to CEQA. This Checklist only includes CAP actions applicable to new development. Other CAP measures that do not apply to or require action on the part of private and public development projects are not included in this Checklist. Applicants shall complete the following table to demonstrate conformance with the City of Santa Clara 2022 CAP for the proposed project. Projects involving General Plan Amendments may not use this Checklist and shall quantify emissions.

Please check the appropriate box in the right column to indicate whether the project will implement the action or if it is not applicable. In the Explanation box below, please provide a narrative description explaining how the action would be implemented, or why it is not applicable to the project.

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<sup>1</sup> City staff will determine if project is substantially compliant with the 2022 CAP based on the information provided in this checklist and project plans.

Action	Action Implemented?
<b>NEAR TERM ACTIONS</b>	
<b>B-1-4: Municipal Electrification Action Plan (City projects only)</b>	
Work with regional energy partnerships to develop and implement a Municipal Electrification Action Plan for City facilities that includes identified funding sources and specific timelines for completion.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Explanation: <p style="text-align: center;">CUB Project is not a City project.</p>	
<b>B-1-5: Reach codes for new construction</b>	
Implement all-electric reach codes, with exceptions. <i>The <a href="#">adopted Reach Codes</a> require: the all-electric building electrification with electric vehicle charging Reach code ordinance would apply to all new building permit applications per City Ordinance 2034 .</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable
Explanation: (Please check all features proposed and use space below to describe any additional design features proposed) <ul style="list-style-type: none"> <li><input type="checkbox"/> Solar Photovoltaic Panels (Non-residential and multifamily residential buildings)</li> <li><input type="checkbox"/> EV charging stations (Non-Residential and multifamily buildings)</li> <li><input type="checkbox"/> All electric building construction (All new construction)</li> <li><input type="checkbox"/> Mechanical systems and equipment (all new construction)</li> </ul> <p style="text-align: center;">Project is requesting an exception to the all electric building requirement, given the nature of the proposed CUB and the equipment required with the building. Memo submitted to City.</p>	
<b>B-1-7: Carbon-neutral data centers</b>	
Require all new data centers to operate on 100% carbon neutral energy, with offsets as needed.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Explanation: (Please coordinate with your customer service rep with SVP. City staff will complete this action section) <p style="text-align: center;">Proposed CUB is not a data center project.</p>	
<b>B-2-3: Energy-efficient and electric-ready building code.</b>	
Update local building code to increase energy efficiency standards to at least CALGreen Tier 1. <i>What level of efficiency will the project achieve?</i>	<input checked="" type="checkbox"/> Mandatory
Explanation: (Please demonstrate compliance on project plans and describe under explanation below.) <p style="text-align: center;">Items proposed in compliance with CalGreen requirements shown on updated plan set submittal.</p>	

Action	Action Implemented?
<b>B-3-5: Local grid resiliency &amp; energy storage improvements (Optional)</b>	
Accelerate improvements to the energy grid or storage as needed to transition the city to renewable energy sources. These improvements may include subsidy and grant programs for electrification in existing buildings to reduce the cost of battery storage and electric vehicle charging/storage system installation. <i>Would this project include battery storage systems?</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
Explanation: Project proposes battery storage to provide uninterrupted power to the CUB. Additional detail will be provided with updated plan set submittal.	
<b>T-1-2: EV charging for all new construction</b>	
Implement EV charging requirements as specified in the <a href="#">adopted Reach Code</a> .	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable
Explanation: (Please demonstrate compliance on project plans and describe under explanation below.) Intel Campus includes EV parking spaces, which are shown on updated plan set submittal, however, the building will not generate regular traffic trips to and from the site.	
<b>T-2-1: Pedestrian &amp; Bicycle Master Plans Implementation</b>	
Fund and accelerate implementation of the Pedestrian Master Plan and Bicycle Master Plan focusing on 1) closing gaps in the bicycle and pedestrian networks with a focus on high demand arterials; 2) installing painted buffers or physical vertical elements on high stress roadways documented in the Bicycle Master Plan; and 3) implementing spot improvements in high traffic areas (e.g., bicycle detection, bulb-outs, and wayfinding elements) such that walking and biking comprise 10% of total city mode share. <i>Will the project be consistent with the Pedestrian Master Plan and Bicycle Master Plan?</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Explanation: (Please note relevant conditions of approval from the planning entitlement, demonstrate compliance on project plans, and describe below.) Not applicable. Please see PCC comment letter dated 10/18/2022.	
<b>T-3-1: TDM plan requirements</b>	
Introduce the following TDM plan requirements: Require a 25% reduction in project-based VMT through active TDM measures for large employers over 500 employees, including aggressive regulations to reduce parking in new developments. For the purpose of calculating the number of employees, separate employees sharing a building or project site would be treated as one employer. Adopt a 20% reduction of VMT for multifamily residential with a 10% reduction through active TDM measures, which may require parking maximums, in new developments.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable

Action	Action Implemented?
<p>Projects shall provide annual reports demonstrating compliance with VMT reduction targets, pursuant to procedures established by City staff. <i>To evaluate whether a proposed project will have a significant impact under CEQA, the City will compare the project's VMT with Countywide Average VMT (baseline) and provide reduction as established in the <a href="#">City's VMT policy</a>.</i></p>	
<p>Explanation: (Please list TDM measures proposed)</p> <p><a href="#">Not applicable. CUB will not generate regular traffic trips to and from the site. Please see PCC comment letter dated 10/18/2022.</a></p>	
<p><b>T-3-3: Transit-oriented development (Projects within ½ mile of transit corridor only)</b></p>	
<p>Introduce requirements and/or incentives to encourage transit-oriented development (TOD) near transit corridors. <i>Is the project within 1/2 mile of transit corridor with 15-minute headways?</i></p>	<p><input type="checkbox"/> Yes  <input type="checkbox"/> No  <input checked="" type="checkbox"/> Not Applicable</p>
<p>Explanation: (Please show on plans and describe below any design features or TDM measures such as parking reductions that encourage transit use)</p> <p><a href="#">Not applicable. Please see PCC comment letter dated 10/18/2022.</a></p>	
<p><b>T-3-4: Telework (Optional)</b></p>	
<p>Expand telecommuting options through fiber infrastructure investment and expand existing TDM programs to include telecommuting. Explore longer term municipal employee telework policies building from existing practices.</p>	<p><input type="checkbox"/> Yes  <input type="checkbox"/> No  <input checked="" type="checkbox"/> Not Applicable</p>
<p>Explanation: (Please provide telework plan if applicable)</p> <p><a href="#">Proposed CUB will provide utilities and infrastructure to support existing manufacturing operations at the campus. CUB will not generate employment traffic trips to and from the site.</a></p>	
<p><b>T-3-5: Transportation Analysis Policy compliance</b></p>	
<p>Require that all projects comply with the <a href="#">Transportation Analysis Policy</a> that was adopted by Council in June 2020, which establishes requirements for evaluating the transportation impacts of residential, commercial, and industrial projects.</p>	<p><input checked="" type="checkbox"/> Yes  <input type="checkbox"/> No  <input type="checkbox"/> Not Applicable</p>
<p>Explanation: (Please state the project's effects on VMT pursuant to Transportation Analysis Policy and as outlined in the CEQA document)</p> <p><a href="#">Project has been deemed compliant with Transportation Analysis Policy. Project has been screened and City Staff determined that a full VMT analysis was not necessary (see PCC comment letter, dated 10/18/2022).</a></p>	

Action	Action Implemented?
<b>M-1-1: Compliance with State Solid Waste Ordinances</b>	
<p>Comply with state solid waste laws, including AB-1826, AB-341, and SB-1383. These bills require that businesses public entities, and communities expand recycling and composting infrastructure to meet the state’s ambitious landfill waste reduction targets. AB-1826 requires commercial businesses that generate a certain level of organic waste arrange for recycling services for that waste. AB-341 similarly requires that commercial businesses and public entities that generate certain levels of weekly waste have a recycling program in place. SB-1383 requires that California reduce organic waste to landfills by 75% by 2025 and rescue 20% of surplus edible food in phases beginning in 2025. <i>Will the project comply with the above listed state solid waste laws?</i></p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
<p>Explanation: (Please provide copy of contract with solid waste service provider prior to issuance of building permits)</p>	
<b>N-1-1: Right-of-way tree planting (Residential Projects Only)</b>	
<p>Promote residential street tree planting in the right-of-way (in front of the property line). Under the City’s current street tree program, all planting, pruning and removal of street trees is provided to residents at no charge. <i>For development projects, will the project plant trees in the right-of-way?</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
<p>Explanation: (Please show in plans and describe below if project would include residential tree planting in right-of-way)</p> <p style="text-align: center;">Project site is located within the existing campus and does not extend into the public right-of-way.</p>	
<b>N-3-4: Community water portfolio diversion (Optional)</b>	
<p>Continue collaboration with agency partners such as South Bay Water Recycling, Valley Water, BAWSCA, and SFPUC to diversify water supply portfolio and expand current sources. Diversified water portfolio towards drought resiliency could include utilizing a varying mix of surface and groundwater and requiring the increased use of recycled urban water in applicable sectors (e.g., irrigation, groundwater recharge, dual pump plumbing, cooling towers). <i>For development projects, will the project install or connect to the recycled water system?</i></p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
<p>Explanation: (Please show in plans and describe below how, if at all, the project would connect to or expand the existing recycled water system)</p> <p style="text-align: center;">Project will connect CUB site &amp; building to recycled water system via the pipe at Coronado Drive.</p>	
<b>C-2-4: Climate Resilience Capital Improvements Program (City projects only)</b>	

Action	Action Implemented?
Incorporate climate resiliency strategies and considerations in development of discretionary CIP projects including new park projects. Review design standards to incorporate climate resiliency considerations as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Explanation: (Please show in plans and describe how project would incorporate resiliency strategies below) <p style="text-align: center;">Project is a private development and is not a discretionary CIP project.</p>	
<b>MID-TERM ACTIONS</b>	
<b>B-1-3: Electric panel upgrades upon sale/turnover</b>	
Require electric panel upgrades as appropriate upon sale and/or renter turnover for low-rise residential and small multi-family and commercial buildings to facilitate the transition to clean electricity buildings and vehicles. <i>For development projects, will the project include CC&amp;Rs for upgrade upon renter turnover?</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Explanation: (Please provide copy of deed restriction demonstrating panel upgrade requirement and describe below) <p style="text-align: center;">Project proposes a utility building to serve existing industrial operations.</p>	
<b>T-2-2: Curb management improvements (Optional)</b>	
Incentivize projects that optimize curbside areas for low-carbon modes and reduce VMT such as designated rideshare parking and loading zones, scooter and bike share docks, bike parking, electric vehicle and bike charging stations, and autonomous vehicle loading zones. <i>For development projects, will the project include any of the above-mentioned features?</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Explanation: (Please demonstrate compliance on project plans and describe under explanation below.) <p style="text-align: center;">Project is located within the existing, operating campus, and does not propose a use that would generate trips.</p>	
<b>T-2-3: Bike &amp; shared mobility improvements</b>	
Increase public access to bikes, including electric bikes, implementing a bikeshare program, expanded bike parking, electric bike rebates, and requiring new developments to include one secured bicycle parking spot for each multi-family residential unit. Electrical outlets shall be available in bike storage room for ebike charging.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Explanation: (Please demonstrate compliance on project plans and describe under explanation below.) <p style="text-align: center;">Project does not propose a use that would generate bicycle trips.</p>	

Action	Action Implemented?
<b>T-3-2: Sustainable development in underutilized non-residential areas</b>	
Require higher density, mixed-use development in the Specific Plan Areas. These developments should include increased building heights, zoning changes, to higher density mixed residential, and consider opportunities for mixed land use and/or transit-oriented development.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Explanation:(Please demonstrate compliance on project plans and describe under explanation below) Project does not propose residential or mixed-use development. Project proposes a utility building to serve the existing industrial campus.	
<b>M-3-1: Reuse of salvageable building materials</b>	
Promote organizations, such as The Reuse People, in Santa Clara County that salvage building materials. Building materials have a high amount of embodied carbon-the GHG emissions associated with producing a product. By supporting the reuse of these materials, Santa Clara can help reduce these emissions. <i>Will the project utilize, reuse and salvage building materials for project construction?</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable
Explanation: No existing buildings are present on the CUB site. Concrete and asphalt from curbs, sidewalks, and parking areas to be removed will be recycled and disposed as appropriate.	
<b>N-3-3: Water-efficient landscaping requirements</b>	
Expand requirements for water-efficient landscaping practices, including requirements for cooling (trees, green roofs) and drought-tolerant native plants. Update the Model Water Efficient Landscaping Ordinance (MWELo) to apply to landscape renovations of 1,000 square feet or larger. <i>Does the project comply with the City's adopted <u>Model Water Efficient Landscaping Ordinance (MWELo)</u> which includes water-efficient landscaping practices?</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
Explanation: (Please demonstrate compliance on plans and describe under explanation below) Project proposes water-efficient landscaping and drought-tolerant plant palette (see Landscape Plan sheets in updated plan set).	
<b>N-3-5: Recycled water connection requirements</b>	
Require the use of recycled water for all non-potable uses where recycled water is available, per City Code 13.15.160. Require all new development where applicable to connect to the recycled water distribution system in order to provide recycled water for approved uses that at the development site.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
Explanation: (Please demonstrate compliance on project plans and describe under explanation below) Project will connect CUB site & building to recycled water system via the pipe at Coronado Drive (see updated plan set).	

Action	Action Implemented?
<b>C-2-2: On-site &amp; natural stormwater systems</b>	
Integrate natural stormwater systems within site and building design and expand on-site stormwater management capacity. Natural stormwater systems reduce pollution to waterways, conserve water resources, and reduce flood risks.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
<p>Explanation: (Please demonstrate compliance on project storm drainage plans and describe under explanation below)</p> <p style="text-align: center;">Project proposes on-site stormwater detention and treatment (see Stormwater Plan sheet in updated plan set).</p>	
<b>C-2-3: High albedo parking lots</b>	
As part of conditions of approval, require all new parking lots to be surfaced with more sustainable pavement materials (e.g., high-albedo permeable pavement, e-pavement, etc.) to reduce heat gain during extreme heat events, reduce energy consumption related to cooling, and reduce stormwater runoff.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable
<p>Explanation: (Please note standard condition of approval, demonstrate compliance with quantification of parking lot area on project plans, and describe under explanation below)</p> <p style="text-align: center;">Proposed CUB will not generate traffic trips, and will be part of the existing campus, therefore, no new parking lots are proposed (see updated plan set).</p>	
<b>LONG-TERM ACTIONS</b>	
<b>M-3-4: Carbon-smart building materials</b>	
Educate architects, designers, and contractors to enable and promote carbon-sequestering and high-albedo building materials in new construction and renovations. This could include requirements for disclosing and/or limiting the embodied carbon emissions of buildings through whole-building or material specific policies. Sustainable building materials can significantly reduce emissions from construction projects; this action ensures that developers have the tools and information they need to build more sustainably. <i>Does the project use carbon-sequestering and high-albedo building materials in new construction and renovations?</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
<p>Explanation:</p> <p style="text-align: center;">Given the nature of the CUB, the building has specific material requirements. The equipment installed will be the latest and most efficient, as feasible for the proposed operations.</p>	
<b>N-2-3: Sustainable planting guide (Optional)</b>	
Support local organizations in developing a planting guide that prioritizes increasing available soil, carbon sequestration, resilience, and other equitably distributed co-benefits. The guide could include information on native and climate-adaptive plants, how to properly apply compost and mulch, reducing synthetic fertilizers to support soil health, how to reduce water use and store more water in the ground, and how to store carbon in soil, plants, and trees.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable



<b>Action</b>	<b>Action Implemented?</b>
<i>Does the landscaping guide follow <a href="#">Calscape guidelines</a> with regards to drainage and plant palette?</i>	
<p>Explanation:</p> <p>Project proposes water-efficient landscaping and native, drought-tolerant plant palette in accordance with these guidelines (see Landscape Plan sheets in updated plan set).</p>	