

Climate Action Plan Annual Workplan Template

To assist with the implementation of the Climate Action Plan (CAP), each Implementing CAP Department – as defined in AR XX – shall use this template to provide necessary information for the Mayor and City Council to make appropriate budget decisions for CAP implementation.

Throughout the workplan there are guiding prompts what information should be included. For the narrative and budget sections of the workplan, not all prompts may be applicable to the actions your department is undertaking. You only need to answer the prompts that pertain to the action you are describing.

DEPARTMENT: [Environmental Services]

CAP LIAISON: Julie Sands Tyne

CAP ACTIONS:

- RE-2.2-SA-4 Update AR35.80 to include EV vehicles to the list of preferred vehicles **(Prioritization score: 32.33)**
 - Status: Pending – ESD staff will work with Purchasing and Contracting and Department of General Services to incorporate specs/language for electric vehicles (EV) purchases into an updated Environmentally Preferable Purchasing Policy (EP3) (AR35.80).
 - Milestones/Timeline: Pending.
- MLU-3.1-SA16 Increase number of trash and recycling receptacles in pedestrian corridors/Transit Priority Areas **(Prioritization score: 39.54)**
 - Status: In Progress – Citywide Street Litter Program is currently being reviewed, and a pilot using container fullness sensors is underway. Policy is under development to ensure equitable for all communities and move toward pairing trash and recycling litter containers.
 - Milestones/Timeline: Underway.
- CECC-4.1a Approve and implement the Polystyrene Foam and Single Use Plastics Ordinance, pending Environmental Impact Report **(Prioritization score: 45.54)**
 - Status: Completed – The Single Use Plastics Ordinance was adopted by the City Council in December 2022, effective April 1, 2023. Following the Ordinance being adopted, staff have conducted a wide range of outreach, including a mailer to businesses that could be subject to the requirements, webinars and workshops, website updates, and technical assistance to businesses. Implementation and outreach will be continuous.

- Milestones/Timeline: Completed – Ordinance effective April 1, 2023.
- CECC-4.2a Capture landfill methane gas emissions (Prioritization score: 54.83)
 - Status: In Compliance. The City of San Diego Environmental Services Department (ESD) is responsible for the operation and maintenance of landfill gas collection systems, gas migration monitoring networks, and groundwater monitoring networks at landfills managed by the City. ESD has met and exceeds a 95% continuous operation rate of City landfill gas collection systems. Continuous operation of landfill gas collection systems directly correlates to the capture of methane from decomposing waste.
 - Milestones/Timeline: No additional measures are anticipated at this time.
- CECC-4.2c Include procurement targets, with a focus on the maintenance of street easements, parks, and other green spaces, for purchasing compost through the Miramar Greenery or other local composting facilities to expand the demand and production of high quality compost in the City (Prioritization score: 36.37)
 - Status: In Progress – A marketing plan will be developed to increase awareness, use of, and demand for compost and mulch produced within the City and will include procurement targets, with a focus on the maintenance of street easements, parks, and other green spaces.
 - Milestones/Timeline: In Progress.
- CECC-4.3b Invest in expanding the food waste prevention network - expand infrastructure & partnerships for edible food recovery (Prioritization score: 47.02)
 - Status: In Progress – ESD is developing a scope of work for a food recovery consultant to assist with expanding infrastructure and partnerships for edible food recovery.
 - Milestones/Timeline: In Progress.
- CECC-4.3-SA6 Regulate or activate programs for food businesses to minimize food related carbon emissions, including requiring food waste prevention, donation and recycling plans for businesses/ institutions (for Tier 1 and Tier 2 generators outlined in SB1383) and provide technical assistance and resources. Also include checklist and outreach as part of business licensing process (Prioritization score: 34.89)
 - Status: In Progress – All Tier 1 and Tier 2 generators have been identified. Currently conducting Education & Outreach via site visits and confirming food donation is already in place and/or helping establish a food donation program with the site. Staff is also developing a scope of work for a food recovery consultant.
 - Milestones/Timeline: In Progress.

- CECC-4.4-SA1 Increase enforcement presence to ensure compliance with recently modified City Recycling Ordinance and increase waste diversion (Prioritization score: 17.30)
 - Status: In Progress – ESD is taking a proactive education-based approach to ensure that businesses and residents understand the increased recycling requirements for recyclable materials (blue bin) and organic waste (green bin). Code Compliance Officers (CCO) describe the requirements and provide technical assistance. CCOs will also perform bin checks where they conduct visual inspections of blue, green, and black bins to identify unacceptable items, such as trash or contaminants in blue and green bins and recyclable materials and organic waste in black bins. Educational “Oops” tags will be used to inform and educate residents on appropriate items for each bin.
 - Milestones/Timeline: In Progress – Hiring CCOs and Code Compliance Supervisor completed, and outreach is underway.

- CECC-4.4c Develop a marketing plan for compost and mulch developed within the City. Identify and target compost and mulch markets in urban areas as well as urban agriculture. Partner with industries to increase compost and mulch use including landscaping, stormwater, and water conservation. (Prioritization score: 26.22)
 - Status: In Progress – ESD is developing a marketing plan to increase awareness, use of, and demand for compost and mulch produced within the City
 - Milestones/Timeline: In Progress.

- CECC-4.4-SA2 Support community composting enterprises through strategic partnerships (Prioritization score: 30.05)
 - Status: In Progress – ESD promotes community composting through its website and increased its contract with Solana Center for Environmental Innovation to provide additional workshops on community composting and courses. Staff will enhance the website and explore partnering with a composting cooperative.
 - Milestones/Timeline: In Progress.

- CECC-4.4f Increase public awareness of and access to opportunities for reuse, product rentals, repair, and donation (Prioritization score: 28.81)
 - Status: In progress – ESD continues to promote WasteFreeSD.org, a reuse/repair/donation/recycling database, through its recycling education and outreach contract with I Love a Clean San Diego. In FY 2024, biannual updates will be made to the WasteFreeSD.org database to ensure the most up-to-date information is available. The hotline is open 8 am - 1 pm every day in both English and Spanish. ESD will receive quarterly reports which include the total number of inquiries as well as the top ten items searched.
 - Milestones/Timeline: In Progress.

- CECC-4.4h Implement a public mattress recycling drop-off location (Prioritization score: 16.30)
 - Status: In progress – ESD’s public mattress recycling drop-off location will be located at the Miramar Landfill. Site preparations are underway, and the equipment has been ordered.
 - Milestones/Timeline: In Progress.

- CECC-4.4-SA4 Partner with franchise waste haulers to address barriers to increasing diversion rates (Prioritization score: 41.98)
 - Status: In progress – The franchise haulers are in the process of rolling out recyclable materials (blue bin), and organic waste (green bin) collection services to all their customers, with SB 1383 green bin rollout is expected to be completed in June 2023. ESD has met with franchisees monthly since October 2022 to discuss progress and any associated barriers and challenges. Last Fall, ESD launched a comprehensive multicultural, multi-lingual organic waste recycling marketing campaign with a long-term behavior change focus and includes multicultural messaging and outreach to City-serviced residents, privately serviced residents, businesses, and commercial entities. The outreach also includes programs, materials, mailers/postcards, and advertisements via billboards, transportation stops, and social media to spread the word to all communities.
 - Milestones/Timeline: In Progress.

- CECC-4.4i Continue and enhance public outreach programming that provides residents with strategies for household waste reduction, including from food waste and shipping and packaging (e.g., on-demand deliveries), including outreach in languages that reflect the diverse needs of San Diegans (Prioritization score: 42.30)
 - Status: In progress – ESD will continue to provide presentations to a variety of audiences and property sites, which will include reduction, reuse, recycling, and composting. ESD will continue education and outreach contracts with I Love A Clean San Diego and Solana Center for Environmental Innovation and provide information via social media, website, and contractors.
 - Milestones/Timeline: In Progress.

CAP STRATEGIES: List the CAP Strategies in which the actions above fall under.

- Strategy 1: Decarbonization of the Built Environment
- Strategy 2: Access to Clean & Renewable Energy
- Strategy 3: Mobility & Land Use
- Strategy 4: Circular Economy & Clean Communities
- Strategy 5: Resilient Infrastructure and Healthy Ecosystems
- Strategy 6: Emerging Climate Action

BUDGET: List any budgetary needs for the upcoming fiscal year, along with funding strategy, potential external funding, current budget allocation, proposed FY budget allocation, current FTE, and proposed FTE.

- What is the department's current budget allocation for CAP implementation? Include both budget allocation and FTEs.

N/A.

- What additional resources does the department need for the upcoming fiscal year? Include proposed budget allocation and additional FTEs needed.

N/A.

- Are the actions granted funding? If yes, are matching funds required?

No.

NARRATIVE: Summarize the department's plan for CAP implementation in the upcoming fiscal year.

- What work needs to be done to implement these CAP actions?

ESD's work for the upcoming fiscal year will include updating the EP3 (AR 35.80) to include EV vehicle purchases. The Citywide Street Litter Program is being reviewed, and a pilot using container fullness sensors to determine when bins are full and in need of service is underway. The public mattress recycling drop-off site will begin accepting mattresses and provide a convenient option for the proper disposal of mattresses. Recycling education and outreach efforts will have an additional focus on promoting waste reduction, reuse, product rentals, repair, and donation.

There will be a large focus on organic waste recycling, including increasing awareness, participation, and waste diversion through education, outreach, and technical assistance. Staff will develop a scope of work for an edible food recovery consultant to assist with expanding infrastructure and partnerships. Staff will also further engage and inspect SB 1383 Tier 1 and Tier 2 generators regarding edible food donations. A marketing plan will be developed to increase awareness, use, and demand for compost and mulch developed within the City and will include procurement targets, with a focus on the maintenance of street easements, parks,

and other green spaces. Community composting will continue to be supported through ESD's website and workshops and courses.

- What do you expect to accomplish by the end of the upcoming fiscal year?

Our efforts will result in increased awareness and participation in recycling and organic waste recycling efforts, including composting and edible food donation. The marketing plan for compost and mulch produced in the City will increase the use of these materials and coincide with a corresponding increase in organic waste delivered to the Miramar Greenery and other organic waste processing facilities as organic waste rollout occurs.

- Are there any barriers to implementing the CAP actions identified?

Nothing to note at the moment.

TIMELINE: For each action, identify status of implementation, and key milestones or estimated timeframe to complete (for this FY).

- Status: (New, In Progress)
- Key milestones and/or estimated timeframe:

See above, included in CAP ACTIONS

BENEFITS: Speak to any additional benefits (such as air quality improvements, cost savings, energy efficiency, etc.) derived from your proposed workplan as it relates to the implementation of the CAP.

The work for this upcoming fiscal year is focused on diverting additional organic materials from residential and commercial properties from the landfill. This will not only save space at the landfill, but also contribute towards methane reduction in the City. Rolling out to 285,000 residences and the franchise hauler customers, both of which are currently underway, is a key milestone for the City's Zero Waste Plan. Working on educating SB 1383 Tier 1 and Tier 2 businesses about edible food recovery not only prevents wasted food, but provides a benefit to food recovery organizations and their customers. As our Code Compliance staff specific to CRO has increased, we anticipate seeing our compliance/diversion numbers increase as most franchise hauler properties obtain a 3-bin system (trash, recycling, organics).

In addition to organic waste recycling implementation, much progress has been made with the development of a public mattress recycling drop-off program. This program will

provide convenience to the public to properly dispose of mattresses and alleviate illegal dumping issues associated with mattresses.

CLIMATE EQUITY: List any work related to your department's planned CAP action(s) that is focused within Communities of Concern. Speak to how this will prioritize the needs of Communities of Concern.

- Does the department plan to focus any work within Communities of Concern?

Yes, ESD has been focusing our organic waste recycling green bin rollout to Communities of Concern as the first-served customers, as well as all of our outreach material being translated into Spanish, Tagalog, and Vietnamese. Our new organic waste recycling marketing campaign has also incorporated components important to Communities of Concern, which is very beneficial for future outreach requests and needs.

- How is the department prioritizing Communities of Concern in its engagement and outreach?

ESD is utilizing the City's Climate Equity Index to identify areas of concern for targeted outreach to increase awareness of, and participation in, recycling programs.

- Are there other ways the department has incorporated equity into the planning or implementation of the actions?

A comprehensive multicultural, multi-lingual organic waste recycling marketing campaign with a long-term behavior change focus was launched last fall and includes multicultural messaging and outreach to City-served residents, privately serviced residents, businesses, and commercial entities. The outreach also includes programs, materials, mailers/postcards, and advertisements via billboards, transportation stops, and social media to spread the word to all communities.