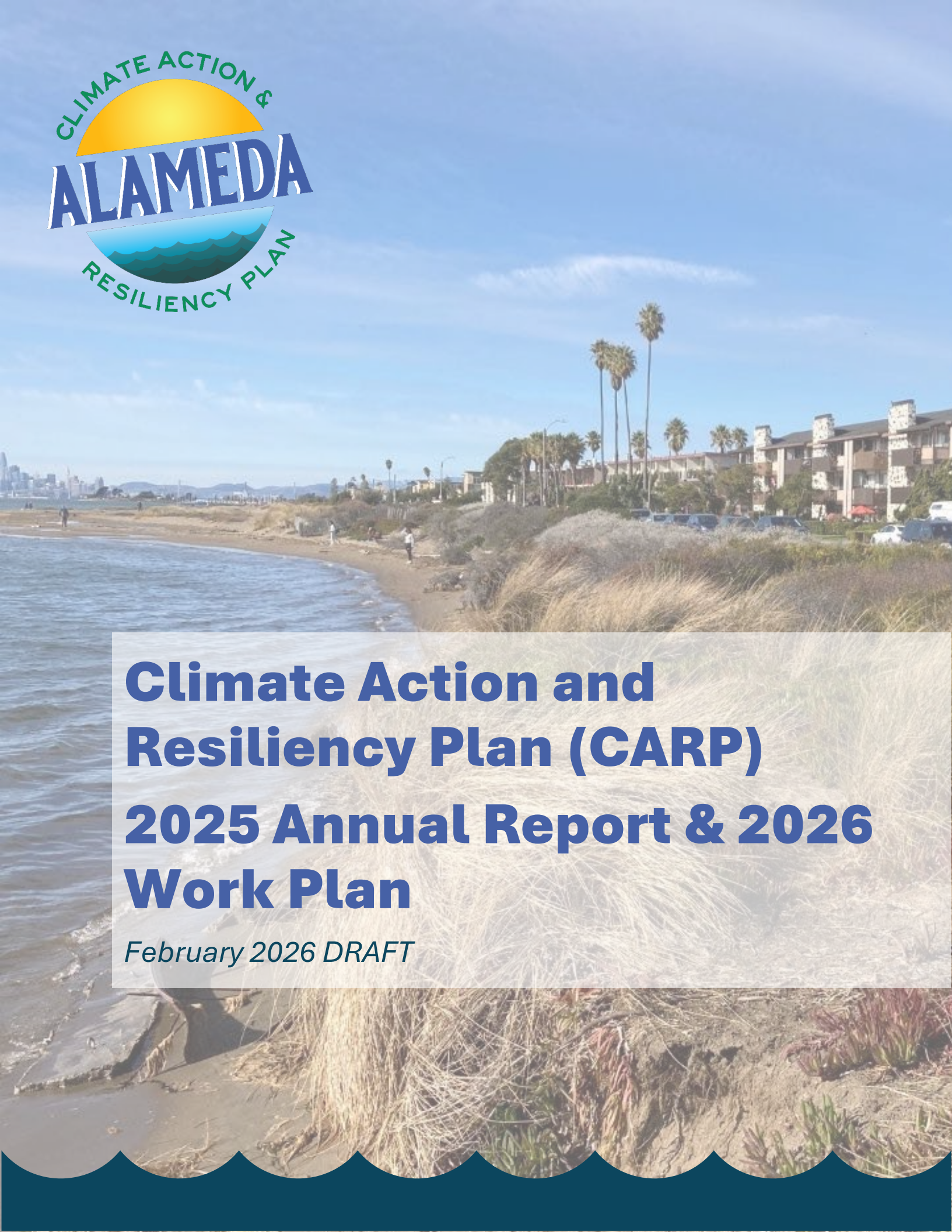


Climate Action and Resiliency Plan (CARP) 2025 Annual Report & 2026 Work Plan

February 2026 DRAFT

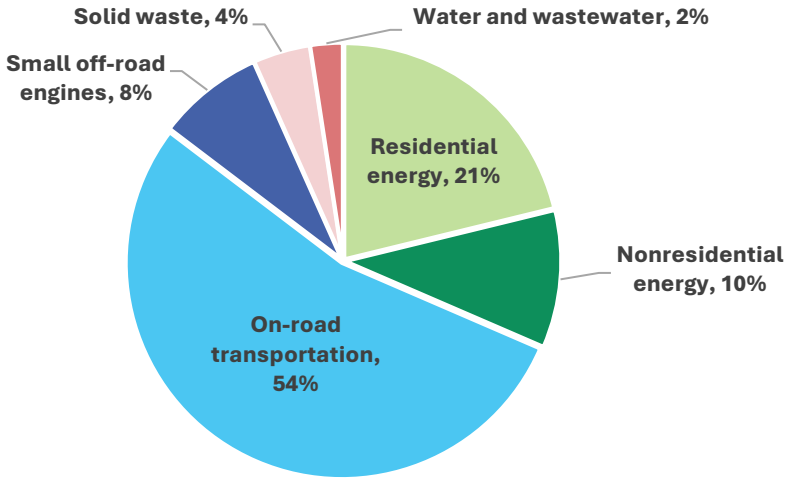
2025 in Review

2025 was a positive and productive year for climate action in Alameda. The City made meaningful progress toward its climate goals by updating the Climate Action and Resiliency Plan (CARP), expanding access to public electric vehicle (EV) charging, growing the urban forest, reducing waste, and supporting residents as they continued to switch from gas-powered appliances and vehicles to clean electric alternatives. Alameda also received several leadership awards for its climate efforts, and important sea level rise planning and resilience projects moved forward despite reductions in federal funding.

The CARP sets clear, long-term goals: to **reduce community-wide greenhouse gas (GHG) emissions 50% below 2005 levels by 2030**, reach **net-zero emissions by 2045**, and prepare for climate impacts such as shoreline flooding and rising groundwater. Learn more and read the full plan at www.alamedaca.gov/CARP.

A greenhouse gas inventory completed for 2022 (the latest year available) shows that Alameda's communitywide emissions come from Energy use in buildings (31%), transportation (62%) and solid waste, water and wastewater (6%).

Proportion of 2022 Annual Community GHG Emissions by Sector



Alameda is on track to meet its 2030 emissions target. Since 2005, community-wide emissions have dropped **29%**, even as the city's population and number of jobs have grown. Much of this progress is due to Alameda Municipal Power's (AMP) transition to **100% clean electricity in 2020**, along with cleaner and more efficient transportation. Transportation emissions alone declined by about **25%**, driven by cleaner vehicles, fewer miles traveled, and more efficient equipment such as generators and lawn and garden tools. Emissions from natural gas use also fell by about **6%**, largely because residents are using less natural gas in their homes.

Looking ahead, emissions are expected to decrease by another **10% by 2030** due to cleaner vehicles and existing state policies such as more efficient building code, clean vehicle rules, and

organic waste disposal rules. To fully achieve CARP goals, the City will need to deliver an additional **11% reduction** through local programs and policies. Gas-powered vehicles and natural gas appliances in buildings remain Alameda's largest sources of emissions and continue to be key areas of focus for the City.

Annual Report Purpose and Organization

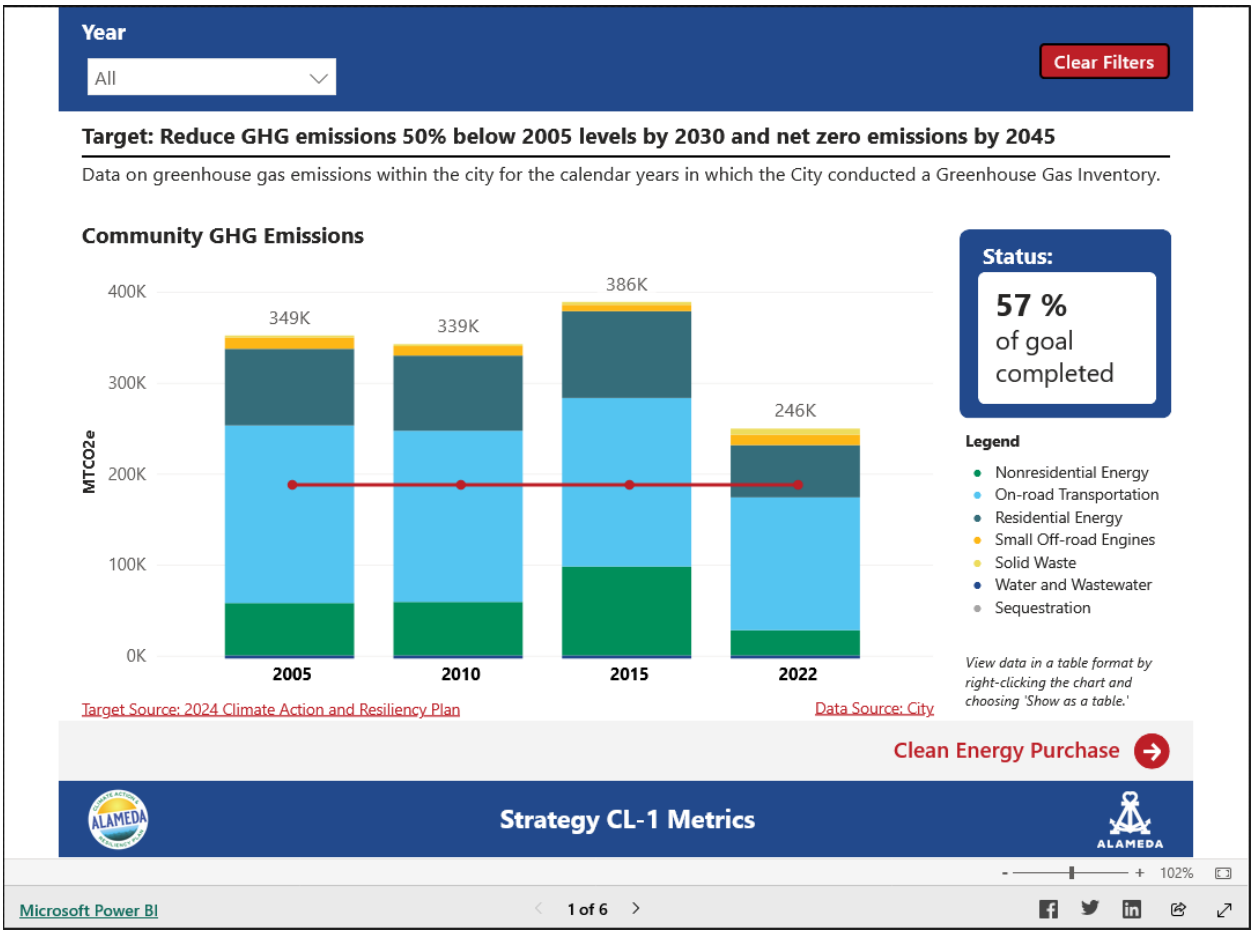
The Climate Action and Resiliency Plan (CARP) Annual Report highlights progress made in 2025 and keeps the community informed about how the City is implementing its climate plans. The report meets General Plan requirements for annual public review of the CARP and the Local Hazard Mitigation Plan and tracks progress on climate and resilience actions in the City Council Strategic Plan (2023). These efforts help protect Alameda's natural resources, reduce pollution, promote sustainability, and prepare the community for the impacts of climate change. The Annual Report summarizes key accomplishments of the CARP Action Areas in the plan: City Leadership, Community Activation and Education, Transportation, Buildings, Waste, Urban Greening and Sea Level Rise Adaptation.

2025 By the Numbers – Making Steady Progress

- Sustainability Division staff participated in or presented at **39** public workshops, events and community meetings.
- **19** email bulletins were sent to a total of **27,561** recipients and a **62%** average open rate.
- For sea level rise adaptation projects, Project Partners conducted **43** focus group meetings, **22** committee meetings, **15** tabling events, and **1** community workshop.
- **2.1** miles of bikeways were constructed in 2025, with **15.2** miles constructed since 2019.
- **225,467** free bus pass boardings for seniors and people with disabilities, a **59%** increase from 2023.
- Ferry ridership on the Alameda Seaplane and Harbor Bay routes grew 18% from 2023 with **732,000** boardings on these routes in 2025.
- **18** new public EV chargers were installed at business and government locations.
- **10.8%** of all vehicles registered in Alameda were electric, plug-in hybrid or fuel cell vehicles in 2024, up from 8.9% in 2023.
- **256** rebates were issued by AMP for vehicle and home electrification.
- **150** attendees at the City's second Home Electrification Fair.
- **134** new rooftop solar installations.
- Planted **359** and removed 143 street and park trees, which nets 216 more trees in Alameda.
- **12,557** unique page views on **all** sustainability and resilience webpages. Top webpages that received the most unique page views in 2025 are Climate Action and Resiliency Plan, Urban Forest Plan, Oakland Alameda Adaptation Committee, Shoreline Adaptation Plan, and Plastic Free Straws and Foodware.

CARP Metrics Dashboard

Community members can now track the City's progress on all CARP related targets and metrics at the CARP Metrics Hub at http://www.alamedaca.gov/CARPmetrics. The current metrics dashboard is also included as an appendix to this report *(to be added)*.



City Leadership

Beacon Awards

The City of Alameda was recognized by the Institute for Local Government with several **Beacon Program awards** in 2025.

- **Platinum Award** for achieving a **29% reduction** in communitywide greenhouse gas emissions.
- **Silver Award** for **Sustainability Best Practices**.
- **Leadership & Innovation Award** for **Cross-Agency Collaboration in Climate Adaptation**, celebrating Alameda's leadership in the Oakland Alameda Adaptation Committee (OAAC).

Through the OAAC, Alameda has been working closely with regional partners to tackle the challenges of sea level rise and strengthen community resilience. Our partners — **City of Oakland**,

Port of Oakland, and **East Bay Regional Park District** — were also recognized for their outstanding collaborative OAAC leadership as well.

California Accelerator Cohort

The City of Alameda was invited to join the inaugural cohort of the California Coastal Accelerator program launched by the Resilient Cities Catalyst to drive coastal leadership and resilience project implementation. In addition to Alameda, the cities of Oceanside, Santa Barbara, Santa Cruz and Fort Bragg also joined the cohort. The Resilient Cities Catalyst is supporting Alameda with grant funding totaling up to $100,000 to advance the City's resilience goals, and $40,000 of it has been allocated to support a Geomorphology and Ecology Study for the South Shore area of Alameda.

Chamber Innovation Award

The Alameda Chamber and Economic Alliance recognized Sustainability Division staff with **Most Innovative Public Sector Agency** at its inaugural Innovation Island Excellence Awards at a celebratory event on Thursday, June 26 at Almanac Brewery.

Greenbelt Alliance Hidden Hero

Greenbelt Alliance recognized Sustainability and Resilience Manager Danielle Mieler with a **Hidden Hero of the Greenbelt** award recognizing her leadership and vision in creating OAAC.

Clean Electricity

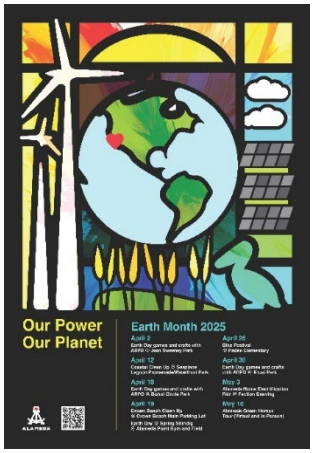
AMP has been providing 100% clean electricity to all customers since 2020. In 2024, 69% of AMP's power mix came from eligible renewable resources, including geothermal, biomass (landfill gas), small hydroelectric, and wind. An additional 31% of the power mix comes from large hydroelectric projects in California.

View AMP's Power Content Label: www.alamedamp.com/336/Power-Content-Label

Community Activation and Education

Alameda Chamber Leadership Academy

To support the CARP update, staff partnered for the second year with the Alameda Chamber of Commerce & Economic Alliance's Leadership Alameda, which aims to help professionals across different industries to become future leaders in the Alameda community. Leadership Alameda participants supported the CARP update by engaging in two focus group work sessions to provide input on the CARP update and by leading group projects focused on implementation of key CARP strategies.



Earth Month 2025

In Alameda, every day is Earth Day. But in recognition of Earth Day in April, staff created a poster that was distributed to many local

businesses and community locations highlighting the various environmental programs happening in Alameda and provided the community with many opportunities to learn more about sustainability and climate action.

Alameda Youth Climate Ambassadors

Building on recommendations from a Sustainability Division summer high school intern, the City launched the Alameda Youth Climate Ambassadors program in 2025 to deepen engagement with climate-interested youth. The program brings together students from environmental clubs at Alameda high schools, creating a space for young leaders to learn, collaborate, and take action on local climate initiatives.

Youth Climate Ambassadors at Spring Shindig

The Youth Climate Ambassadors met every two months during the school year. Meetings focused on helping student climate leaders learn how to get involved in City climate action efforts, mobilize the broader student community, and share ideas and resources with peers across Alameda.

At each meeting, Ambassadors explored a different topic from CARP, gaining a better understanding of how the City is addressing climate change and how they can be involved. The group also collaborated to plan and host an Earth Day event at the Spring Shindig, highlighting youth leadership and raising community awareness around climate action.

Transportation

Transportation emissions represent 54% of Alameda's greenhouse gas emissions. The City of Alameda is actively supporting community members to shift from driving alone to other modes such as walking, bicycling, taking the bus and the ferry and carpooling by implementing the Transportation Choices Plan (2018), Vision Zero Action Plan (2021) and the Active Transportation Plan (2022).

With AMP providing 100% clean electricity at rates that are 45% below PG&E, electric vehicles are the greenest option when driving in Alameda. In 2024, **10.8%** of all vehicles registered in Alameda were electric, plug-in hybrid or fuel cell, up from 8.9% in 2023.

Public EV Charging – Curbside and City Parking Lots

Curbside EV Charger Ribbon Cutting at Everett Commons

To expand the availability of public EV charging, especially for residents who rent, live in homes without driveways or garages, and those who live in multi-family apartments, the City of Alameda is partnering with It's Electric and Blink Charging to bring more public EV chargers to public parking lots and curbside locations as part of the Alameda Public EV Charging Program.

A ribbon cutting was held in September 2025 for the City's first ever curbside EV chargers installed by It's Electric in partnership with the City and Alameda Housing Authority. These two chargers, located at Everett Commons (477 Eagle Avenue) are open to building residents and the public. Three public charging ports were also installed by Blink Charging at Bohol Circle Immigrant Park.

In 2025, the City received grants from the Metropolitan Transportation Commission and the Alameda County Transportation Commission to install more public chargers at both curbside locations and in City-owned parking lots.

Webpage: www.alamedaca.gov/EVs

AMP Clean Transportation Programs

AMP continues to offer clean transportation programs for customers, including incentives for electric vehicles, e-bikes and the building out of EV charging infrastructure. In 2025, AMP provided rebates for 159 residential EV chargers and 9 commercial EV charging ports. AMP also provided 55 e-bike and 47 used EV rebates to customers.

Webpage: www.alamedamp.com

City and AMP Electric Fleet Vehicles

Consistent with City Council's fleet policy and to reduce greenhouse gas emissions, the City and AMP are replacing light duty vehicles with available EVs as they are replaced. The fleet is also being right sized to reduce the number of vehicles that the City manages.

- The City currently has 3 electric Go 4 Interceptors for parking enforcement, 18 compact EVs of various brands for Public Works, City Admin, AMP and ARPD and 10 Ford F-150 Lightning electric trucks used by AMP and Public Works.
- Public Works purchased its first EV Ford Transit Van for Building Services.
- The City Fleet has 39 hybrid vehicles used by the Police, Fire, and Public Works departments.
- City Hall West has a dedicated alcove for charging electric vehicles.
- The Alameda Police Department has one Ford Transit electric cargo van for Animal Control and one electric motorcycle. A new EV charger was installed in the City Hall parking lot to charge the Animal Control Vehicle and future electric Police vehicles.
- AMP purchased the City's first Electric Forklift and an International EV aerial truck.
- AMP has eight Ford F-150 Lightning electric trucks, six charging ports to support the trucks, electric bucket truck, six sedans (4 BEV, 2 PHEV) and four L2 dual-connector chargers to support the sedans. AMP also provides two free fast EV chargers that are available to the public at its office on Clement Avenue at Grand Street.

Transportation Plans and Programs

View the 2025 Transportation Annual report to learn more about the City's accomplishments related to implementing the Active Transportation Plan (2022), Vision Zero Action Plan (2021), and Transportation Choices Plan (2018).

Buildings and Energy

Building emissions represent 31% of Alameda's greenhouse gas emissions. With AMP providing 100% clean electricity, these emissions come from natural gas-powered appliances in buildings. Alameda is making strides in helping community members transition these appliances to modern, affordable, more efficient electric and heat pump technology.

All Electric New Buildings

The California Building Code has become more energy efficient in recent years. Most new residential and many new commercial buildings built in California today are all-electric, moving away from natural gas for heating, water, and cooking. In Alameda, the following completed new developments containing 1,169 residential units were constructed all or nearly all-electric since 2021:

- Bay 37 Condos (18 residential units)

- Landsea Development (112 residential units completed at the end of 2025)
- Storehouse Lofts (200 work/live units)
- Estuary 1 (45 residential units)
- Linnet Corner (64 residential units)
- Block 9 Townhouses – except water heater (200 residential units)
- Eden/The Starling Single – except water heater (70 residential units)
- Rosefield Village – except water heater and communal BBQ (92 residential units)
- The Launch – except water heaters, pool and communal BBQ (368 residential units)

Existing Residential Buildings

City Council adopted local amendments to the building code to support community members in preparing for Bay Area Air Quality Management District (Air District) adopted Rules 9-4 and 9-6 that limit the sale of residential natural gas-fueled water heaters by 2027 and natural gas-fueled space heaters by 2029. Starting January 1, 2026, the following rules are in place in Alameda:

Air Conditioner to Heat Pump Requirements

When an air conditioner is installed, replaced, or moved in a single-family home, duplex, or townhome, the system must either include a heat pump as the main heating system or meet certain energy-efficiency requirements.

Heat pumps can help homeowners save money by allowing upgrades at the most cost-effective times and with less disruption. Unlike standard air conditioners, heat pumps can both heat and cool a home and use energy more efficiently. Because they run on electricity instead of gas, heat pumps do not produce harmful air pollution that can worsen asthma or other breathing problems. They also do not create carbon monoxide, making them safer for households and during emergencies such as earthquakes or fires.

Electric Readiness Requirements

When building owners make additions or changes to an existing building that include electrical work, they must take steps to prepare the building for future all-electric appliances. These requirements help homeowners meet Air District rules at the lowest possible cost.

Depending on the size and type of the project, this may include installing wiring and outlets so that electric cooking appliances, water heaters, clothes dryers, or outdoor equipment can easily be added in the future.

In 2026, staff will consider whether to extend these requirements to non-residential buildings, but only when it is cost-effective to do so.

Electric Power Upgrades

If a permitted project proposes increasing the electrical capacity serving a building, the applicant must provide calculations showing that the electrical upgrades are necessary. This requirement

helps inform contractors and others in the building industry about ways to electrify equipment while minimizing the need for electrical panel upgrades.

Home Electrification Fair

Alameda held its second annual Home Electrification Fair at Faction Brewing in May 2025 with more vendors, more information for community members and a performance by an EcoSoul band. Approximately 150 attendees met with contractors and suppliers to learn about switching from gas to electric appliances and available rebates and tax credits. The free fair was organized by the City of Alameda and AMP with Community Action for a Sustainable Alameda (CASA).

Alameda Home Electrification Fair, May 2025

AMP Home Electrification Programs

The Customer Programs team provides a diverse suite of electrification measures to assist customers to fully electrify their homes and businesses. AMP's customer programs integrate equity components for the hardest to reach customers and take an active role in the Alameda community through various outreach events, social media engagement, and workshops.

AMP's **Community Benefit Building Electrification** Grant Program began accepting applications on January 1, 2026.

In 2025, AMP provided a total of 173 rebates for water heaters, furnaces, dryers, panel upgrades and induction cooktops.

Waste

2025 Zero Waste Implementation Plan

City Council adopted Public Works' 2025 Zero Waste Implementation Plan (ZWIP) on January 20, 2026. Based on strong community engagement and centering equity as a key principle, the updated ZWIP aims to:

1. Reduce the overall solid waste generated within the city.
2. Reduce the quantity of solid waste generated per person within the city.
3. Increase the quantity of recyclable and compostable materials diverted from landfills.
4. Continue Alameda's progress towards Zero Waste by continued investment in lasting cultural and behavior change around waste reduction, upstream solutions, and increased diversion.

Staff will begin implementing the ZWIP by returning to City Council to appropriate funding four priority programs (multi-family bulky program, community based social marketing campaign, illegal dumping enforcement, education and resource program pilot for Alameda's low-income community, and pilot of a "Cash for Trash" program). Development and implementation of these programs will build on existing efforts to work with the community through education, outreach, technical assistance and enforcement to achieve Alameda's goal to divert 89% of waste from the landfill.

Webpage: www.alamedaca.gov/CITYWIDE-PROJECTS/Zero-Waste-Implementation-Plan-Update

Edible Food Recovery, Compost and Mulch

Public Works Zero Waste staff completed final reporting of Alameda's latest round of Senate Bill (SB) 1383 local assistance grant from CalRecycle. SB 1383 requires California cities to recover edible food and purchase recovered organic materials (compost and mulch). The grant supports various efforts to purchase and apply compost locally, including purchasing equipment to spread materials in Alameda's public parks and spaces, providing free compost giveaways at the Community Compost Hubs, and funding of the Council approved broker agreement to place additional compost outside the City. As a result of these efforts, Alameda is in full compliance with SB 1383 requirements.

Community Compost Hub

Currently funded by CalRecycle's SB 1383 grant, the City operates two community compost locations in conjunction with local n on-profit urban farms/nurseries. In 2025, 140 cubic yards of compost was available to Alameda residents for self-haul, providing healthy exercise and soil improvement, and encouraging an end market for organics waste stream material.

Webpage: bayareamaker.farm/projects/compost-hub

Urban Greening

Urban Forest Plan

The City of Alameda manages 25,962 park and street trees, consisting of 353 different species. The citywide tree canopy cover is 11.2% of the City. In 2024, the City developed a draft Urban Forest Plan that updates the City's existing Street Tree Master Plan and expands the scope to include all trees within Alameda. The Urban Forest Plan is strategic in advancing social equity and contributing to an improved quality of life by

providing the benefits of the urban tree canopy to all community members. The update process included extensive community engagement and the draft plan was made available to the public for review in January 2025. Public comments will be incorporated into a final draft for Council approval in 2026.

Webpage: www.alamedaca.gov/UFP

Growing the City's Tree Canopy

In 2025, ARPD and Public Works planted 359 street and park trees throughout the city. During the same period, 143 trees were removed due to condition, safety concerns, or long-term sustainability considerations, ensuring the overall health and resilience of the urban forest. When City trees must be removed, the stumps are often repurposed in parks and schools. The City is working with Alameda Green Schoolyards to repurpose logs from trees removed for the Clement Avenue/Tilden Way Project to enhance play areas at Alameda schools.

Youth Tree Planting Event

Tree planting efforts this year were supported by a diverse group of volunteers, including middle and high school students, Rotary Club members, memorial groups, the U.S. Coast Guard, 100K Trees for Humanity, and City staff. Several planting events combined volunteers and staff working together, reflecting strong community partnerships and civic engagement.

The primary focus of planting efforts this year was on Main Street Linear Park, which has been transformed from a grass-only space into a tree-lined walking and biking corridor. These improvements have increased shade, enhanced visual appeal, and improved overall usability, strengthening the park's role as a community gathering and recreational space.

Sea Level Rise Adaptation

Oakland Alameda Adaptation Committee (OAAC)

Since 2021, the City has been leading OAAC to plan for sea level rise adaptation in the Oakland-Alameda subregion. The OAAC Project Partners - including paid Community Partners - engaged community members as follows in 2025:

- Facilitated 13 committee meetings for Bay Farm Island, Estuary, and South Shore sub-committee meetings.
- Participated in 15 events with tabling and information materials.
- Held 5 steering committee meetings and 4 full OAAC meetings.

- Conducted 43 focus group meetings with key stakeholders including adjacent property owners and community members.
- Lead the Alameda Sea Level Rise Planning Fair in September 2025
- Distributed materials via email lists, social media, in-person, local print publications and paid advertisements.
- Presented at City Council (January and December 2025),

Webpage: www.alamedaca.gov/OaklandAlamedaAdaptationCommittee.

RISING TIDES Climate Arts Initiative

Rising Tides was a one-year climate arts initiative (Aug 2024–Aug 2025) that combined creative expression with civic engagement to address the climate crisis in Alameda. Through three anchor arts projects and dozens of participatory events, RISING TIDES transformed underused public spaces, engaged diverse audiences, and created a model for how art can advance resilience planning and community pride. Sponsored by City of Alameda, Bloomberg Philanthropies, Radium Presents, West End Arts District and Rhythmix Cultural Works, the initiative brought together 12,000 participants, blending local and global perspectives and activating public spaces across the city.

Webpage: www.risingtidesalameda.org/

Somewhere to Land

- **3 free public performances** by BANDALOOP vertical dance company.
- **Attended by 6000 people** over three nights.
- Developed through collaboration with scientists, climate advocates, and city planners.
- **Amplified city climate adaptation measures** by focusing on De-Pave Park, a visionary project to transform a portion of the former Naval Air Station into an ecological park.
- Open rehearsals in the months leading to the show **facilitated discussions** allowing city staff to collect feedback on plans for De-Pave park.
- Pre-show school visit to **70 students from Alameda High School** Dance Department.

Rising Seas

- **5 Live Performance Events** in distinctive waterfront locations bringing together 65 performers including actors, dancers, and musicians. Musical ensembles represented six global island cultures.
- **2 Gallery Exhibits** featuring 18 visual artists.
- **11 Climate-Arts Workshops:** visual art and movement/theater.
- **Conversations About Climate Change**: interviews with 13 local and global climate leaders.
- **3000+ people** engaged with the program.

In Plain Site Photography Festival

- Included **8 free public events:** speaker events, family festivals, an evening of immersive projections, and a sunset cruise.
- **5 photography workshops and photo walks** led by local photography groups.
- Pre-festival workshops in **3 high schools** with select pieces included in exhibit.

- **400 elementary and middle school students** participated in tours and thematic activities.

Shoreline Adaptation Planning

The City of Alameda is leading the development of a Shoreline Adaptation Plan and a suite of near-term shoreline adaptation projects. The graphic below shows work that has been completed (dark blue), in progress (light blue) and not yet started (green). the progress made over the last couple of years and what is planned for the next couple of years. Projects are described in greater detail below.

Shoreline Adaptation Planning + Policy Development Timeline

Project Area	2023	2024	2025	2026	2027
Shoreline Adaptation Plan	**Phase 1 - NFWF + SFEP grants** Existing Conditions, Vulnerability Assessment, Initial Concepts, Community Outreach			**Phase 2 - SB1 grant** BCDC approved RSAP: Strategies & Pathways, Land Use & Policy Plan, Funding & Implementation Plan, Project List, Community Outreach	
Bay Farm Island	**30% Design** – Federal Earmark (FEMA); applied for BRIC grant – program canceled			**60% Design & Community Outreach** – Prop 4/68 Seek grant funding to complete design and permitting.	
Estuary	**10% Design** – Caltrans grant		Applied for EEM grant – not awarded	Seek grant funding for 30% Shoreline Design, Interim Measures and Inland Stormwater Detention	

Project Area	2023	2024	2025	2026	2027
			(stormwater detention)		
South Shore				Geomorphology & Ecology Study	
			Applied for DBW grant (sand placement)		**Sand Placement with EBRPD** (pending CA DBW grant award)
			Applied for Measure AA – not awarded (design concept)	Seek grant funding for Shoreline Design Concept & Community Outreach	
Alameda Point Northern Shoreline		WRDA Authorization	Request WRDA appropriation or Congressional earmark for 30% design		**30% Design & Community Outreach** (pending funding)
Policies/ Education			Sea level rise design criteria & basement flooding education campaign		

Legend

- Completed
- In Progress
- Not Yet Started/Funded

Shoreline Adaptation Plan

Alameda is developing a Shoreline Adaptation Plan to adapt Alameda's shoreline to rising sea levels and groundwater and reduce current flood risk. The plan will include strategies, adaptation pathways, and priority projects, a study of potential land use changes and policies as well as an implementation plan. The plan will be developed using an inclusive community engagement planning process ensures that all voices are heard to better understand the priorities of community members. The Alameda plan will be completed in coordination with OAAC.

Alameda Sea level Rise Planning Fair, September 2025

In December 2024, the San Francisco Bay Conservation and Development Commission (BCDC) adopted Regional Shoreline Adaptation Plan guidelines for local jurisdictions to follow when developing subregional adaptation plans per Senate Bill 272 (Laird 2023). Alameda issued a notice of intent to complete a plan in conformance with SB 272 in November 2025.

On September 27th, OAAC hosted a Sea Level Rise Planning Fair at the REAP Climate Center focused on local sea level rise and flood resilience. The fair brought together residents, community-based organizations, agency staff, scientists, and elected leaders to learn, share input, and co-design near-term priorities for adaptation. More than 150 participants engaged with interactive stations, and hands-on mapping activities.

2025:

- Sea Level Rise Planning Fair and community survey in September 2025.
- Completed the first phase of the Shoreline Adaptation Plan with funding from the National Fish and Wildlife Foundation and the San Francisco Estuary Partnership.
- Issued Notice of Intent to Initiate City of Alameda Shoreline Adaptation Plan to BCDC.

2026: Begin second phase of the Shoreline Adaptation Plan and community outreach with funding from SB 1, which is administered by the California Ocean Protection Council.

Webpage: www.alamedaca.gov/ShorelineAdaptationPlan

Bay Farm Island Adaptation Project

Near-term design concept for the Bay Farm Island northern shoreline to address up to two feet of sea level rise and a long-term adaptation plan for the entire shoreline.

The near-term concept includes a levee, Bay Trail enhancements, nature-based solutions to reduce erosion and improve marshes and beach habitat, tide gate and pump station replacements and storm drain modifications. The concept will shorten Veterans' Court and allow for parking spaces, a levee and an enhanced marsh.

King Tide at Veteran's Court, January 2026

2025:

- 10% design concept approved by City Council in January 2025.
- 30% design completed in July 2025.
- Funding Source: FEMA Legislative Pre-Disaster Mitigation Grant Program provided by U.S. Congresswoman Barbara Lee

2026: Begin development of 60% design with funding from Proposition 4 and 68, which are administered by the California Coastal Conservancy.

Webpage: www.alamedaca.gov/AdaptationBayFarmIsland

Estuary Adaptation Project

Near term design concept to protect the City's northern shoreline near the Posey/Webster Tubes from sea level rise and flooding. The concept includes both coastal and inland recommendations.

- Coastal recommendations include levees, seawalls and redeveloping to higher elevations.
- Inland concept includes green and grey detention basins to improve Alameda's northside stormwater drainage for today's volumes with added capacity as precipitation increases.

2025:

- 10% design concept approved by City Council in January 2025.
- Funding Source: Caltrans Sustainable Communities Grant.

2026: Seek grant funding for 30% design, interim measures and inland stormwater detention components of project concept.

Webpage: www.alamedaca.gov/AdaptationEstuary

South Shore Adaptation Project

Near-term sea level rise adaptation project to address current flooding and up to two feet of sea level rise.

King Tide at Shoreline Drive, January 2026

2025:

- Applied for CA Department of Boating and Waterways (DBW) grant for sand placement.
- Applied for Measure AA grant for near term design concept.
- Continued South Shore Sub-committee of OAAC with East Bay Regional Park District (EBRPD) and other key stakeholders.

2026:

- Geomorphology and Ecology Study funded by Alameda's General Fund and the California Coastal Accelerator program.
- Seek grant funding for Shoreline Design Concept & Community Outreach
- Begin sand placement concept design with CA DBW funding (pending grant award)

Webpage: www.alamedaca.gov/AdaptationSouthShore

Alameda Point Northern Shoreline Adaptation Project

Near-term sea level rise adaptation project to stabilize the northern shoreline, construct two new stormwater outfalls to the Inner Harbor, and build a levee for flood resilience between the Main Street Ferry Terminal parking lot and former NAS runways.

King Tide at Alameda Point, January 2026

2025:

- Secured $30 million authorization in 2024 Water Resources Development Act (WRDA).
- Requested the first phase of the project be included in the Army Corps of Engineer 2026 work plan.

2026:

- Request WRDA appropriation or Congressional earmark to begin 30% design.

2026 Work Plan

City Leadership

- Municipal GHG Inventory for 2024 (Sustainability)
- Update Communitywide GHG Inventory for 2024 (Sustainability)

Community Activation and Education

- Monthly sustainability newsletter and website
- Alameda Strong Teams pilot (Sustainability/PIO)
- Continue Youth Climate Ambassadors program (Sustainability)
- Community Partner outreach for sea level rise awareness

Transportation

- See Transportation 2026 Work Plan
- Deploy public chargers in curbside and city parking lots with MTC and ACTC grant funding (Sustainability, Transportation, PW, AMP)

Buildings and Energy

- Consider reach code for nonresidential AC-to-heat pump (AC2HP) replacement, if supported by cost effectiveness studies (Sustainability, Building)
- Develop CARP implementation checklist for new developments (Sustainability, Planning)

- Continue outreach and education to building owners about electrification (Sustainability, AMP)

Waste

- Request budget and implement the updated Zero Waste Implementation Plan (PW)

Urban Greening

- Adopt Urban Forest Plan to grow the urban forest, strengthen tree protection and request associated funding (PW)
- Expand volunteer participation, increase canopy coverage in priority park areas, and expand partnerships with schools and community organizations to support long-term urban forestry efforts (ARPD)

Adaptation

- **Local Hazard Mitigation Plan:** Obtain plan approval by CalOES/FEMA and City Council.
- **Shoreline Adaptation Plan:** Continue plan development and community outreach with SB1 funding (anticipated January 2028 completion).
- **Bay Farm Island Northern Shoreline:** Begin 60% design and community outreach with Prop 4 funding (anticipated December 2027 completion). Seek grant funding to complete design and permitting.
- **South Shore Adaptation Project:**
    - Complete Geomorphology and Ecology Study.
    - Seek grant funding for shoreline design concept & community outreach.
    - Begin sand placement concept design with CA DBW funding (pending grant award).
- **Estuary:** Seek grant funding for 30% design, interim measures and inland stormwater detention components of project.
- **Alameda Point Northern Shoreline:** As the next step for the Water Resources Development Act (WRDA) authorized project to build a levee along the northern shoreline of Alameda Point, seek Army Corps of Engineers support to include project in the fiscal year 2026 or 2027 work plan to develop 30% design or request a Congressional earmark.
- **Policies/Education:**
    - Update sea level rise design criteria in General Plan/Zoning Code (Sustainability, Planning, PW)
    - Basement flooding education campaign (Sustainability, Planning)