

SECTION	Action Title	Action Narrative	Type	Departments and Partners	GHG Emission Reduction (MT CO2e)	Co-Benefits	Two-Year Cost Estimate ( <i>NOT FINAL</i> )
Sustainable Buildings	Conduct a City facility condition assessment	Conduct facility condition assessment to identify aging building systems and assets that need replacement. While Austin Energy and Building Services have been able to complete these assessments, additional staff and funding are required for the remaining departments.	Foundational Action	Departments that manage facilities: Building Services [lead], APL, PARD, APH, AE, AW, Aviation, Convention Center, etc.	Foundational Action	Foundational Action	\$875,000.00
Sustainable Buildings	Conduct City facility lighting retrofits	Replace existing indoor and outdoor lighting with high-efficiency, long-life induction, or LED lighting across all City-owned facilities. This will increase energy efficiency and financial savings. Additional staff and funding are required.	Project	Departments that manage facilities: Building Services [lead], APL, PARD, APH, Aviation, AE, AW, Convention Center, etc.	Medium	2	\$15,000,000
Sustainable Buildings	Conduct City facility chiller and pump upgrades	Install variable-frequency drives on chillers and air handling units on pumps that are currently at a constant speed. This results in energy efficiency and financial savings. Additional staff and funding are required.	Project	Building Services	Medium	3	\$3,030,000.00
Sustainable Buildings	Expand pay-for-performance demand response programs	Expand and automate pay-for-performance demand response programs in residential, commercial, industrial, and transportation sectors. This would incentivize more smart energy technologies (thermostats, electric vehicle smart chargers, home energy management systems, etc.) and encourage consumers to reduce or shift their energy usage during peak demand periods, balancing supply and demand to improve grid reliability.	Program	Austin Energy	Very High	7	\$17,134,828.00
Sustainable Buildings	Implement refrigerant management and leak prevention	Reduce refrigerant emissions through tracking, leak detection, and equipment upgrades. Track and recover refrigerants to ensure proper disposal. Implement leak detection programs to identify and mitigate emissions. Replace outdated appliances with energy-efficient models that use low-global warming potential refrigerants, and repair equipment where advisable.	Program	Departments that manage facilities: Building Services [lead], APL, PARD, APH, AE, AW, Aviation, Convention Center, etc.	Medium	4	\$249,000.00
Sustainable Buildings	Develop dashboards and utility monitoring software	Develop dashboards powered by energy and water utility monitoring software. This would help identify outliers in energy and water waste, enhance understanding of usage, and make data actionable and visible to decision-makers or those most impacted by the costs.	Foundational Action	Departments that manage facilities: Austin Energy [lead], BSD, APL, PARD, APH, AW, Aviation, Convention Center, etc.	Foundational Action	Foundational Action	\$190,000.00
Sustainable Buildings	Expand home repair fund for low-moderate income (LMI) households	Secure ongoing funding for a City investment fund for critical home repairs, increasing eligibility for LMI households to participate in weatherization, renewable energy upgrades, or electrification programs. Repairs to faulty roofs, ceilings, and walls require funding that is unavailable to most LMI households.	Program	Housing Department [lead], Austin Energy	Medium	23	\$20,000,000.00
Sustainable Buildings	Expand weatherization assistance program for low-moderate income households	Expand Austin Energy's Weatherization Assistance Program for LMI customers for a cost-effective way to reduce electricity demand and improve the affordability of electricity service. Weatherization includes energy efficiency improvements to a home, such as weather stripping, attic insulation, solar screens, duct repair/replacement, smart thermostats, etc.	Program	Austin Energy [lead], Housing	Medium	21	\$16,000,000.00
Sustainable Buildings	Create a climate "revolving fund"	Create a climate "revolving fund" to invest in energy upgrades to City facilities, capture savings, and reinvest funds for additional investment. This structure secures ongoing funding for improvements that reduce greenhouse gas emissions and result in monetary savings.	Foundational Action	Office of Climate Action & Resilience [lead], departments that manage facilities	Foundational Action	Foundational Action	\$2,136,000.00
Sustainable Buildings	Install utility-scale solar on FM 812 landfill	Build a new solar photovoltaic system at the closed FM 812 landfill to produce up to 8 MW of utility-scale solar production.	Project	Austin Energy [lead], ARR	High	5	\$24,000,000.00
Sustainable Buildings	Pilot a "Virtual Power Plant" project	A "Virtual Power Plant" pilot is underway to deploy over 70 distributed energy resources controlled as a single entity by Austin Energy, resulting in 1 MWh of battery energy storage systems across the city. These batteries will be charged during off-peak hours and discharged during on-peak hours, reducing the total electricity load on the grid. Additional funding would expand this program.	Project	Austin Energy [lead], BSD	Low	3	\$1,095,000.00
Sustainable Buildings	Expand incentives and rebates for electrical upgrades	Expand incentives and rebates for heat pumps, heat pump water heaters, induction stoves, heat pump clothes dryers, and related electrical upgrades. Increase education and outreach efforts to businesses and consumers to boost program participation.	Program	Austin Energy [lead], BSD	Medium	16	\$3,000,000.00
Sustainable Buildings	Conduct energy audits for commercial buildings	Fund energy audits and technical assessments, administered by Austin Energy, for local commercial and multi-family properties to identify improvement opportunities and offer 50% rebates for eligible facilities up to \$100,000. Austin Energy will administer these audits every 10 years.	Foundational Action	Austin Energy	Foundational Action	Foundational Action	\$5,695,000.00

Sustainable Buildings	Implement water leak detection and reduction efforts	Implement the recommendations from the "Austin Water: Water Loss Program Review, Analysis, and Optimization" report to address the 8.678 billion gallons lost by Austin Water in 2023, equal to 21.68 gallons per capita per day.	Program	Austin Water	Low	1	\$62,580,500.00
Sustainable Buildings	Create Passive House incentives	Create a program that provides monetary incentives to Austin affordable housing projects certified as "Passive House" buildings. This initiative will reduce energy costs for providers while fostering a market shift, helping local design and construction teams build more energy-efficient buildings.	Program	Austin Energy [lead], Housing	Medium	23	\$2,400,000.00
Sustainable Buildings	Install rooftop solar on City facilities	Install rooftop solar on City facilities owned by the General Fund, using up to 75% of roof space on 113 buildings (approximately 1 million sq ft). The project will generate about 10 MW and produce 12,000 MWh annually and could scale to include non-General Fund facilities, ground surfaces, parking canopies, etc.	Project	Building Services [lead], Austin Energy, DSD	High	9	\$45,000,000.00
Sustainable Buildings	Revise the Green Building Policy	Update the Green Building Policy for capital improvement and third-party financed and/or delivered projects to align City facilities with Austin's Climate Equity Plan and broader climate goals. This will help reduce energy consumption, lower carbon emissions, and promote equitable access to sustainable infrastructure across the city.	Policy	Capital Delivery Services [lead], BSD	N/A	16	N/A
Transportation & Land Use	Build new bikeways	Provide funding to design and install bicycle facilities supporting a citywide All Ages and Abilities network, aiming for 11 miles per year. This includes four miles of neighborhood bikeways, seven miles of protected bicycle lanes, and meeting annual goals for protected intersections and enhanced bus stops.	Project	Transportation & Public Works [lead], CapMetro	Medium	16	\$10,800,000.00
Transportation & Land Use	Construct new urban trails	Fund the engineering and construction of approximately 22.3 miles of urban trails and connections to existing transportation infrastructure, enhancing mobility and access throughout Austin.	Project	Transportation & Public Works [lead], PARD	Medium	(Currently Under Review)	\$13,000,000.00
Transportation & Land Use	Build new and fix existing sidewalks	Build new sidewalks and rehabilitate existing ones at high-priority locations across the city, totaling about 100 miles. This includes approximately 40 miles of new sidewalks and 60 miles of rehabilitated sidewalks, improving accessibility and safety throughout Austin.	Project	Transportation & Public Works	Low	(Currently Under Review)	\$41,400,000.00
Transportation & Land Use	Expand CapMetro Bikeshare	Assist CapMetro in expanding Bikeshare by adding 36 stations and 428 bikes by 2027. Prioritize new stations in low-income areas with high mobility needs and connections to CapMetro's high-frequency bus and MetroRail network.	Project	Transportation & Public Works [lead], CapMetro	Medium	(Currently Under Review)	1,227,312
Transportation & Land Use	Expand transportation demand management programming	Deliver on the objectives outlined by the \$47.9M Climate Pollution Reduction Grant between 2025 and 2029. Strategies include reducing regional vehicle miles traveled, promoting diverse transportation options, relaunching employee and new mover programs, enhancing transportation control management compliance, and advancing citywide transportation demand management coordination and policies.	Project	Transportation & Public Works [lead], CapMetro, CAMPO, CAPCOG, CARTS, TxDOT, Office of Climate Action & Resilience	Very High	12	\$12,475,000.00
Transportation & Land Use	Establish mobility hubs	Establish family-friendly multimodal mobility hubs by 2027, including park-and-ride facilities near transit stops, offering diverse first- and last-mile options. By the end of 2027, 32 hubs will be identified, with 24 neighborhood hubs featuring bikeshare, transit, and micromobility, and eight secondary hubs connecting regional transit.	Project	Transportation & Public Works [lead], CapMetro	Medium	12	\$3,682,382.00
Transportation & Land Use	Increase pedestrian safety	Design and build 27 to 40 pedestrian crossings at high-priority, non-signalized locations across the city.	Project	Transportation & Public Works	(Currently Under Review)	(Currently Under Review)	\$4,300,000.00
Transportation & Land Use	Design and construct enhancements to local transit	Partner with CapMetro to design and build transit infrastructure at high-priority locations, including two new rapid bus routes with park-and-rides, bus stops, and an all-electric fleet with charging infrastructure by 2026. Work with Austin Transit Partnership to secure Federal Transit Administration approval for Light Rail Phase 1 by 2025. Build 20 new bus stops, 10 pedestrian crossings, and two operational improvements for safer, more efficient transit access.	Project	Transportation & Public Works	Medium	(Currently Under Review)	\$6,000,000.00
Transportation & Land Use	Preserve existing buildings	Develop policies and incentives to retain existing buildings. Compare partial demolition and renovation permit processes with full demolition permits to identify opportunities for reducing emissions, time, and costs. Create case studies highlighting opportunities identified, and integrate findings into the City's Facility Management Plan.	Foundational Action	Planning [lead], BSD, DSD, PARD, Austin Energy	Foundational Action	(Currently Under Review)	(Currently Under Review)
Transportation Electrification	Conduct an Electric Vehicle (EV) Charging Network Study	Partner with Austin Energy and other City departments to map existing electric vehicle charging stations and identify expansion needs for the City of Austin fleet, employees, and public use. Prioritize locations based on fleet adoption and community needs, ensuring scalable, reliable infrastructure. This planning will support future installations and address equity priorities.	Foundational Action	Austin Energy	Foundational Action	Foundational Action	150,000

Transportation Electrification	Expand charging infrastructure at City Facilities	Expand electric vehicle charging infrastructure at City facilities to support fleet electrification, City employees, and the public. Prioritize station locations that balance fleet needs, community demand, and operational priorities. Ensure scalable, reliable, and interoperable solutions, especially in underserved communities. Funding this action will secure installing and maintaining critical EV charging infrastructure to meet growing demand.	Project	Austin Energy [lead], Fleet Mobility Services	Very High	(Currently Under Review)	(Currently Under Review)
Transportation Electrification	Replace City fleet vehicles with EVs	Replace City-owned gas and diesel-powered fleet vehicles with electric vehicles. Prioritize higher-emitting vehicles for early replacement. This transition will lower the City's carbon footprint, improve air quality, and set a proactive example.	Project	Fleet Mobility Services [lead], Austin Energy	High	(Currently Under Review)	(Currently Under Review)
Transportation Electrification	Increase alternative fuel adoption	Replace existing petroleum diesel fuel use with R99 Renewable Diesel fuel for City-owned fleet vehicles. Currently, the City purchases approximately 208,000 gallons per month of petroleum diesel. This action would secure the purchase of 7,500 gallons per month of R99.	Project	Fleet Mobility Services	High	3	\$540,000
Transportation Electrification	Conduct an EV Community Needs Assessment	Collaborate with City and community partners to conduct an Electric Vehicle Community Needs Assessment. This project will identify mobility challenges, electrification opportunities, and equity issues, leveraging public-private partnerships and federal funding. It will build on existing outreach efforts to ensure equitable access and meet future EV infrastructure demands.	Foundational Action	Austin Energy [lead], Office of Climate Action & Resilience	Foundational Action	Foundational Action	\$200,000
Transportation Electrification	Expand EV charging infrastructure for low-moderate income customers	As EV adoption accelerates, Austin must expand its EV charging infrastructure, focusing on disadvantaged communities. This project aims to address charging gaps, ensuring an equitable, accessible, and affordable system. By replacing gas-powered vehicles with electric alternatives, it will reduce emissions and enhance quality of life, particularly for low- to moderate-income and rural areas.	Project	Departments that manage facilities: Austin Energy [lead], BSD, APL, PARD, APH, AW, Aviation, Convention Center, etc.	High	16	\$18,750,000
Food & Product Consumption	Secure property for a furniture collection and reuse facility	Purchase property to serve as a public furniture reuse and collection location, lowering landfill waste and reducing cost of living for Austinites. A pilot has been implemented, but the program requires a facility and additional funding to scale.	Project	Austin Resource Recovery	Low	7	\$327,000
Food & Product Consumption	Establish a building materials reuse facility	Establish a new warehouse for architectural material salvage, focused on reusing building materials like doors, window frames, and other deconstructed items. This site would be accessible to third-party haulers and is dependent upon the creation of a Furniture Collection and Reuse Facility, where this would be located.	Project	Austin Resource Recovery	High	12	\$400,000
Food & Product Consumption	Expand "Fix-It" Clinics	Expand Fix-it Clinics by hosting more events in the Eastern Crescent, following VISTA recommendations. Increase event frequency to reduce procurement emissions, support workforce development, and reduce cost of living for Austinites.	Program	Austin Resource Recovery	Low	13	\$14,000
Food & Product Consumption	Create a citywide wood reuse program	Create a citywide wood reuse program for nature play, outdoor learning projects, and public use. Currently, Parks and Recreation is upcycling wood waste into playscapes for the Cities Connecting Children to Nature initiative, providing wood to artists and makers. However, additional staff, equipment, and materials are needed to scale the program.	Program	Parks & Recreation [lead], ARR, DSD - Urban Forestry, AFD - Wildfire Division, BSD	Medium	4	\$1,206,000.00
Food & Product Consumption	Divert organics at Parks and Recreation facilities	Add commercial organics recycling pick-up at Parks and Recreation facilities through a two-year pilot, with the potential to expand across Austin.	Program	Parks & Recreation [lead], ARR	Low	4	\$89,680
Food & Product Consumption	Launch an internal City reuse program	Launch a sharing platform for City staff to exchange furniture, office supplies, and construction materials. This will enhance circularity, reduce waste, and lower costs by facilitating the reuse of resources across departments.	Program	Austin Resource Recovery [lead], Office of Climate Action & Resilience	Low	3	\$100,000.00
Food & Product Consumption	Expand Sustainable Procurement Program	Add four full-time staff positions to focus on developing and updating sustainable procurement strategies across multiple categories. These staff will create policies, procedures, and guidelines, assist departments with sustainable specifications, and prioritize lower-carbon concrete and transportation materials. They will also track purchase data, environmental benefits and monitor the lifecycle management purchasing program.	Foundational Action	Financial Services [lead], Office of Climate Action & Resilience	Foundational Action	Foundational Action	\$1,120,000.00
Natural Systems	Acquire land and protect open space	Acquire land to protect open space in underserved areas, particularly in the Eastern Crescent's Blackland Prairie and Post Oak Savannah ecoregions. This initiative will address environmental justice, protect sensitive watersheds, and improve water quality, community health, and resilience. Immediate action is needed due to rising land costs and rapid development.	Project	Office of Climate Action & Resilience [lead], Austin Water, Watershed Protection, PARD, Real Estate	(Currently Under Review)	12	\$100,000,000.00

Natural Systems	Reforest floodplains	Reforest floodplains in eastern watersheds by planting trees along creeks, focusing on green job development and tree sourcing, likely through external partnerships. Identify interdepartmental funds for a coordinated solicitation to support this effort, complementing existing programs. This will restore riparian forests, improve water quality, enhance wildlife habitat, and address environmental justice priorities, particularly in areas lacking shade. Fully fund a comprehensive public tree inventory across all City-owned properties. This data will enable coordinated urban forest management, guide the Urban Forest Plan, and support tree planting and replacement efforts. Methods should follow national best practices and involve collaboration with relevant partners. Data should be stored for easy access and sharing across departments.	Project	Watershed Protection [lead], DSD, Austin Fire, PARD, EDD, Austin Water, TPW	High	13	\$360,000.00
Natural Systems	Conduct a Public Tree Inventory	Develop a citywide Green Infrastructure Plan to create a unified vision and strategy for Austin's conservation and open space network. Building on the Green Infrastructure Strengths and Gaps Assessment, the plan will target underrepresented eastern watersheds, focusing on the Blackland Prairie and Post Oak Savannah ecoregions. Relevant departments should collaborate to define "Green Infrastructure," set conservation goals, and ensure a cohesive, citywide approach.	Foundational Action	Parks & Recreation	Foundational Action	Foundational Action	\$10,000,000.00
Natural Systems	Develop a citywide Green Infrastructure Plan	Expand green workforce programs like the Austin Civilian Conservation Corps to create more green jobs and diversify candidates across land management departments. Crews will focus on invasive plant removal, green infrastructure development, wildfire mitigation, and enhancing the City's trail network to boost public appreciation.	Foundational Action	Austin Water, PARD, DSD, Fire, Forestry, TPW, Watershed, EDD, APH	Foundational Action	Foundational Action	\$500,000.00
Natural Systems	Expand green workforce development programs	Fund and support the Parks and Recreation Land Management Program and related efforts across departments. Invest in restoring natural areas and improving management for climate resilience and community benefits. Expand efforts to address tree mortality, wildfire risk, biodiversity loss, and hazardous fuel conditions to reduce potential carbon loss by 2040.	Program	Economic Development, PARD, DSD, Watershed, Austin Water, HRD, Office of Climate Action & Resilience	N/A	21	\$5,600,000.00
Natural Systems	Restore currently-owned natural areas		Project	Parks & Recreation	High	12	\$5,150,000.00