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Quantified Climate Action Measures Directory – Local Directory

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About the Local Directory

The Local Quantified Climate Action Measures Directory presents a searchable list of quantified greenhouse gas (GHG) reduction measures from 32 published local climate action plans and the tools used to quantify them. All measures listed in the directory are summarized from publicly available documents (e.g., a climate action plan, a supporting technical appendix, or an associated report) and are based on EPA's understanding of those plans. Any errors or inaccuracies within these summaries are EPA's own. Inclusion in the directory does not imply EPA's endorsement of any specific measure type, quantification tool, or a measure-level quantification approach. Similarly, the absence of a measure type, tool, or quantification approach should not preclude state, local, tribal, and territorial governments from considering them as part of a climate action planning exercise.

The directory has two components:

- A **summary table** presenting the total number of quantified measures identified in each of eight economic sectors (Agriculture, Commercial and residential buildings, Electricity, Industry, Natural and working lands, Oil & natural gas systems, Transportation, and Waste and materials management), as well as the number of measures quantified by each tool in each sector.
- A **searchable and sortable table** of example quantified GHG reduction measures. The table includes the following information for each measure: description, type, sector(s), tool used to quantify the GHG emission reductions, jurisdiction, and references to source documents.

How to Use the Local Directory

The summary table and quantified measures table present different options to identify example measures and quantification tools that may be of interest to state, local, tribal, and territorial agencies who are developing climate action plans.

- **Search to limit the measures displayed in the table**. Use search terms to limit the table to measures with matching terms. The summary table may suggest searches of interest to isolate uses of a tool across an individual sector (e.g., entering "Excel based custom built tool electricity" will reduce the table to the electricity sector measures quantified by an excel-based custom built tool)
- **Filter and sort to limit the measures displayed in the table.** Users may sort the directory contents by any of the columns displayed and may also limit the measures displayed by filtering the table for specific measure types, sectors, quantification tools, and jurisdictions. Filters can also be combined with each other and with search terms to isolate applications of a quantification tool to a particular measure type or sector.
- **Export lists of quantified climate action measures**. Use the CSV button (upper right of the table) to download a spreadsheet of the directory information displayed.

Local Quantification Tools Summary Table

This summary table displays the following information from EPA's review of local climate action planning documents: the total number of quantified GHG reduction measures identified in each of eight sectors and, for each sector, disaggregated sub-totals of the number of measures quantified by individual tools in that sector. "Excel-based custom-built tool" describes a collection of distinct,

independently developed tools with that incorporate different data sets and varying levels of functionality. Information regarding the underlying data used by these tools as well as the other listed tools was not captured in the plan review.

	Sectors							
	Transportation	Commercial and Residential Buildings	Electricity	Industry*	Oil & Natural Gas Systems*	Agriculture*	Natural and Working Lands*	M
Total Number of Quantified Measures by Sector	*96*	*73*	*39*	*10*	*0*	*0*	*13*	
Tool Used								
Excel-based custom-built tool	50	31	14	7	0	0	7	
Climate Action for Urban Sustainability (CURB) Tool	22	26	10	2	0	0	4	
ClimateView	7	6	4	1	0	0	1	
C40 Pathways tool (customization of CURB)	7	6	6	0	0	0	1	
ICLEI ClearPath Tool	6	2	4	0	0	0	0	
Autocase Economic Evaluation Tool	4	2	1	0	0	0	0	
WARM	0	0	0	0	0	0	0	

*Example quantified measures within the Industry, and Oil & Natural Gas Systems sectors fall within the CPRG program's Industrial sector. Measures within the Natural and Working Lands, and Agriculture sectors fall within CPRG's Agriculture/Natural and Working Lands sector.

Acronyms from the above table include: Climate action for URBan sustainability (CURB); International Council for Local Environmental Initiatives (ICLEI); Waste Reduction Model (WARM).

Searchable Table of Quantified Local Climate Action Measures

Showing 1 to 246 of 246 entries

Export to CSV

Search: ✖

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
	Filter by ⌄	Filter by ⌄	Filter by ⌄	Filter by ⌄	
Achieve net-zero carbon for all new buildings and reduce emissions by 25% for existing buildings while lowering all natural gas-related emissions by 30% by 2030.	Energy Efficiency; Electrification	Commercial and residential buildings	Excel-based custom-built tool	Austin	Austin Climate Equity Plan 🗗 <http
Reduce community-wide greenhouse gas emissions from refrigerant leakage by 25% by 2030.	Non CO2 Emissions Management and/or Control	Commercial and residential buildings	Excel-based custom-built tool	Austin	Austin Climate Equity Plan 🗗 <http
Establish deep efficiency performance requirements.	Energy Efficiency	Commercial and residential buildings	Excel-based custom-built tool	Boston	City of Boston Climate Action Plan 10/city_of_boston_2019_climate_action_p
Electrify buildings, assuming no changes to the grid mix.	Electrification	Commercial and residential buildings	Excel-based custom-built tool	Boston	City of Boston Climate Action Plan 10/city_of_boston_2019_climate_action_p
Electrify buildings, assuming the grid includes 80% clean energy.	Electrification	Commercial and residential buildings	Excel-based custom-built tool	Boston	City of Boston Climate Action Plan 10/city_of_boston_2019_climate_action_p

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Electrify buildings, assuming the grid includes 100% clean energy.	Electrification	Commercial and residential buildings	Excel-based custom-built tool	Boston	City of Boston Climate Action Plan 10/city_of_boston_2019_climate_action_p
Improve energy efficiency in single-family residential buildings through retrofitting.	Energy Efficiency	Commercial and residential buildings	ClimateView	Cincinnati	Green Cincinnati Plan 2023 ☑ <htt cincinnati-plan-2023-spreads/>
Improve energy efficiency in non-residential public buildings through retrofitting.	Energy Efficiency	Commercial and residential buildings	ClimateView	Cincinnati	Green Cincinnati Plan 2023 ☑ <htt cincinnati-plan-2023-spreads/>
Develop energy efficient new LEED certified commercial buildings.	Energy Efficiency	Commercial and residential buildings	ClimateView	Cincinnati	Green Cincinnati Plan 2023 ☑ <htt cincinnati-plan-2023-spreads/>
Develop energy efficient new LEED certified multi-family buildings.	Energy Efficiency	Commercial and residential buildings	ClimateView	Cincinnati	Green Cincinnati Plan 2023 ☑ <htt cincinnati-plan-2023-spreads/>
Develop energy efficient new LEED certified residential housing.	Energy Efficiency	Commercial and residential buildings	ClimateView	Cincinnati	Green Cincinnati Plan 2023 ☑ <htt cincinnati-plan-2023-spreads/>
Retrofit residential buildings for energy efficiency.	Energy Efficiency	Commercial and residential buildings	Excel-based custom-built tool	Clark County	All-In Clark County: Community Su clientsourcefiles.s3.amazonaws.com/clarke
Retrofit commercial buildings for energy efficiency.	Energy Efficiency	Commercial and residential buildings	Excel-based custom-built tool	Clark County	All-In Clark County: Community Su clientsourcefiles.s3.amazonaws.com/clarke
Increase commercial, residential, and municipal, building energy efficiency.	Energy Efficiency	Commercial and residential buildings	ICLEI ClearPath Tool	Columbus	Columbus Climate Action Plan ☑ <https://www.columbus.gov/files/sharedas
Increase commercial, residential, and municipal, building water efficiency.	Energy Efficiency	Commercial and residential buildings	ICLEI ClearPath Tool	Columbus	Columbus Climate Action Plan ☑ <https://www.columbus.gov/files/sharedas

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Increase energy efficiency of existing city buildings to achieve 50% carbon neutrality by 2030 and 100% by 2050.	Energy Efficiency; Clean and Renewable Electricity	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	Dallas	Dallas Comprehensive Environme <https://www.dallasclimateaction.com/_fil
Reduce energy use in existing residential buildings 10% by 2030 and 25% by 2030.	Energy Efficiency	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	Dallas	Dallas Comprehensive Environme <https://www.dallasclimateaction.com/_fil
Reduce energy use 15% below 2015 levels in 20% of existing commercial buildings by 2030 and 20% below 2015 levels in 50% of existing commercial buildings by 2050.	Energy Efficiency	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	Dallas	Dallas Comprehensive Environme <https://www.dallasclimateaction.com/_fil
Increase energy efficiency of new construction so that all new construction from 2030 onwards is net zero.	Energy Efficiency	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	Dallas	Dallas Comprehensive Environme <https://www.dallasclimateaction.com/_fil
Increase energy efficiency in City buildings through benchmarking and transparency programs.	Energy Efficiency	Commercial and residential buildings	Excel-based custom-built tool	Honolulu	One Climate One O'ahu 🗗 <https://static1.squarespace.com/static/5e 2025+climate+action+plan.pdf>
Update energy code and increase compliance	Energy Efficiency	Commercial and residential buildings	C40 Pathways tool (customization of CURB)	Houston	Houston Climate Action Plan 🗗 <h
Develop programs that improve building energy efficiency	Energy Efficiency	Commercial and residential buildings	C40 Pathways tool (customization of CURB)	Houston	Houston Climate Action Plan 🗗 <h
Reduce water and wastewater energy consumption by 10% through optimization of facility operations and water conservation	Energy Efficiency	Commercial and residential buildings	C40 Pathways tool (customization of CURB)	Houston	Houston Climate Action Plan 🗗 <h
Expand utility energy financing and incentive programs	Energy Efficiency	Commercial and residential buildings	C40 Pathways tool (customization of CURB)	Houston	Houston Climate Action Plan 🗗 <h

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Provide training in the operation, management, and maintenance of relevant building systems	Energy Efficiency	Commercial and residential buildings	C40 Pathways tool (customization of CURB)	Houston	Houston Climate Action Plan ↗ <h
Strengthen building energy codes.	Energy Efficiency	Commercial and residential buildings	Excel-based custom-built tool	King County	King County 2020 Strategic Climat approved/2020-king-county-strategic-clim;
Transition fossil fuel use in buildings to electricity.	Electrification	Commercial and residential buildings	Excel-based custom-built tool	King County	King County 2020 Strategic Climat approved/2020-king-county-strategic-clim;
Phase out hydrofluorocarbons.	Non CO2 Emissions Management and/or Control	Commercial and residential buildings	Excel-based custom-built tool	King County	King County 2020 Strategic Climat approved/2020-king-county-strategic-clim;
Increase building energy efficiency and low-carbon energy for municipal buildings.	Energy Efficiency	Commercial and residential buildings	Excel-based custom-built tool	King County	King County 2020 Strategic Climat approved/2020-king-county-strategic-clim;
Codify and implement green building standards by 2022, with 100% compliance by 2025.	Energy Efficiency	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	Memphis	Memphis Area Climate Action Plar action-plan-2019-final_4_january-2020>
Increase the number of low-income residences served by weatherization and retrofit programs annually by 500% over 10 years, with a 30% reduction in energy usage target per household.	Energy Efficiency	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	Memphis	Memphis Area Climate Action Plar action-plan-2019-final_4_january-2020>
Increase financing options for residential energy efficiency retrofits so 15% of all residences will have energy-efficient space heating and cooling equipment by 2025.	Energy Efficiency	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	Memphis	Memphis Area Climate Action Plar action-plan-2019-final_4_january-2020>

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Increase energy efficiency in built environment through building tune-up legislation and energy benchmarking.	Energy Efficiency	Commercial and residential buildings	Excel-based custom-built tool	Philadelphia	Philadelphia Climate Action Playb
Increase the use of green gas to power businesses and homes.	Low-Carbon Fuels	Commercial and residential buildings	C40 Pathways tool (customization of CURB)	Phoenix	City of Phoenix Climate Action Pla <https://www.phoenix.gov/oepsite/docum
Improve energy efficiency of heating oil systems.	Energy Efficiency	Commercial and residential buildings	Excel-based custom-built tool	Providence	The City of Providence's Climate J justice-plan-report-final-english-1.pdf>
Reduce natural gas fugitive emissions.	Energy Efficiency; Electrification	Commercial and residential buildings	Excel-based custom-built tool	Providence	The City of Providence's Climate J justice-plan-report-final-english-1.pdf>
Switch 90% of residential and 85% of commercial natural gas, propane, and heating oil fuel consumption to electric heat pumps by 2050.	Electrification	Commercial and residential buildings	Excel-based custom-built tool	Providence	The City of Providence's Climate J justice-plan-report-final-english-1.pdf>
Increase energy efficiency and electrification of existing commercial/nonresidential buildings and facilities.	Energy Efficiency; Electrification	Commercial and residential buildings	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Increase energy efficiency and electrification of new commercial/nonresidential buildings and facilities.	Energy Efficiency; Electrification	Commercial and residential buildings	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Increase energy efficiency and electrification of existing residential buildings.	Energy Efficiency; Electrification	Commercial and residential buildings	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Eliminate fossil fuel consumption in new residential buildings.	Energy Efficiency	Commercial and residential buildings	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Develop and adopt green building policy for existing County buildings.	Energy Efficiency	Commercial and residential buildings	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Develop and pilot an energy and water rating system for commercial and residential properties.	Energy Efficiency	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Adopt the most recent update to the IECC code, with the goal of adopting a Zero Net Energy (ZNE) code for all new buildings and substantial rehabilitations.	Electrification; Energy Efficiency	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Continue to support and expand the energy efficiency and green building programs functioning within the City, such as the CPS Energy STEP program.	Energy Efficiency	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Incentivize businesses to set GHG reduction targets for their own operations that match or exceed the City targets.	Energy Efficiency; Electrification; Low-Carbon Fuels	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Explore financing mechanisms to accelerate adoption of energy efficiency, demand response, distributed renewable generation, and energy storage.	Clean and Renewable Electricity; Energy Efficiency	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Benchmark and publicly disclose building energy and water use for municipal buildings.	Energy Efficiency	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Adopt an Energy Policy Ordinance for City-owned buildings and facilities to reduce energy consumption.	Energy Efficiency	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Achieve zero net energy for all municipal buildings by 2040.	Energy Efficiency; Electrification	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Install cool or green roofs on municipal government buildings, as appropriate.	Energy Efficiency	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Eliminate fossil fuel use in new construction.	Electrification	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	San Francisco	San Francisco's Climate Action Pla <https://sfenvironment.org/sites/default/fi
Eliminate fossil fuel use in existing buildings by tailoring solutions to different building ownership, systems, and use types.	Electrification	Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	San Francisco	San Francisco's Climate Action Pla <https://sfenvironment.org/sites/default/fi
Densify our city to accommodate future neighborhoods.	Energy Efficiency	Commercial and residential buildings	Excel-based custom-built tool	San Jose	Climate Smart San Jose: A People <https://www.sanjoseca.gov/home/showp
Make homes affordable and efficient for families.	Energy Efficiency	Commercial and residential buildings	Excel-based custom-built tool	San Jose	Climate Smart San Jose: A People <https://www.sanjoseca.gov/home/showp
Improve commercial building stock.	Energy Efficiency	Commercial and residential buildings	Excel-based custom-built tool	San Jose	Climate Smart San Jose: A People <https://www.sanjoseca.gov/home/showp
Implement ongoing weatherization and retro-commissioning (building tune-ups).	Energy Efficiency	Commercial and residential buildings	Autocase Economic Evaluation Tool	Tucson	Tucson Resilient Together Climate docs/caap/tucsonresilienttogether_202302
Utilize an energy services company (ESCO) to rapidly but strategically implement energy efficiency measures and equipment in City-owned buildings, and ongoing energy management.	Energy Efficiency	Commercial and residential buildings	Autocase Economic Evaluation Tool	Tucson	Tucson Resilient Together Climate docs/caap/tucsonresilienttogether_202302
Update the Building Code to include a mandatory Energy Reach Code.	Energy Efficiency	Commercial and residential buildings	Excel-based custom-built tool	Ventura County	Ventura County 2040 General Plan <https://docs.vcrma.org/images/pdf/plann

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Develop a behavior change program for energy efficiency and conservation.	Energy Efficiency	Commercial and residential buildings	Excel-based custom-built tool	Ventura County	Ventura County 2040 General Plan <https://docs.vcrma.org/images/pdf/plann
Provide businesses with access to power from clean energy sources.	Clean and Renewable Electricity	Commercial and residential buildings; Electricity	ClimateView	Cincinnati	Green Cincinnati Plan 2023 [↗] <htt cincinnati-plan-2023-spreads/>
Increase energy efficiency and renewable energy use for City operations.	Energy Efficiency; Clean and Renewable Electricity	Commercial and residential buildings; Electricity	Excel-based custom-built tool	Honolulu	One Climate One O'ahu [↗] <https://static1.squarespace.com/static/5e 2025+climate+action+plan.pdf>
Reduce energy use in buildings and industry.	Energy Efficiency	Commercial and residential buildings; Industry	Excel-based custom-built tool	King County	King County 2020 Strategic Climat approved/2020-king-county-strategic-clima
Explore and invest in low-carbon alternative energy sources by tracking technological developments, evaluating implementation opportunities, promoting geothermal heating and cooling systems and solar heat systems. As a part of this, evaluate operations of Philadelphia Gas Works (PGW), the nation's largest municipally owned utility, for potential emissions reductions	Energy Efficiency; Clean and Renewable Electricity; Low-Carbon Fuels	Commercial and residential buildings; Industry	Excel-based custom-built tool	Philadelphia	Philadelphia Climate Action Playb
Promote and incentivize the use of cleaner fuel sources for existing buildings, including industrial process applications.	Low-Carbon Fuels	Commercial and residential buildings; Industry	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Consider a benchmarking and disclosure ordinance for large commercial, industrial, and multifamily buildings (above 50,000 sq. ft.).	Energy Efficiency	Commercial and residential buildings; Industry	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Transition energy supply to carbon free sources.	Clean and Renewable Electricity	Electricity	Excel-based custom-built tool	Boston	City of Boston Climate Action Plan 10/city_of_boston_2019_climate_action_p
Increase outreach to and participation of industrial customers in renewable energy and energy efficiency projects.	Clean and Renewable Electricity; Energy Efficiency	Electricity	ClimateView	Cincinnati	Green Cincinnati Plan 2023 ☒ <htt cincinnati-plan-2023-spreads/>
Convert all streetlights to LED.	Energy Efficiency	Electricity	ClimateView	Cincinnati	Green Cincinnati Plan 2023 ☒ <htt cincinnati-plan-2023-spreads/>
Increase renewable energy generation for use by City Government.	Clean and Renewable Electricity	Electricity	ClimateView	Cincinnati	Green Cincinnati Plan 2023 ☒ <htt cincinnati-plan-2023-spreads/>
Transition the grid to 100% renewables.	Clean and Renewable Electricity	Electricity	Excel-based custom-built tool	Clark County	All-In Clark County: Community Su clientsourcefiles.s3.amazonaws.com/clark
Maximize local rooftop solar.	Clean and Renewable Electricity	Electricity	Excel-based custom-built tool	Clark County	All-In Clark County: Community Su clientsourcefiles.s3.amazonaws.com/clark
Invest in LED streetlight retrofits.	Energy Efficiency	Electricity	ICLEI ClearPath Tool	Columbus	Columbus Climate Action Plan ☒ <https://www.columbus.gov/files/sharedas
Increase residential on-site solar.	Clean and Renewable Electricity	Electricity	ICLEI ClearPath Tool	Columbus	Columbus Climate Action Plan ☒ <https://www.columbus.gov/files/sharedas

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Increase commercial on-site solar.	Clean and Renewable Electricity	Electricity	ICLEI ClearPath Tool	Columbus	Columbus Climate Action Plan ↗ <https://www.columbus.gov/files/shareda
Implement clean energy procurement.	Clean and Renewable Electricity	Electricity	ICLEI ClearPath Tool	Columbus	Columbus Climate Action Plan ↗ <https://www.columbus.gov/files/shareda
Increase use of renewable energy at the municipal and individual levels.	Clean and Renewable Electricity	Electricity	Climate Action for Urban Sustainability (CURB) Tool	Dallas	Dallas Comprehensive Environme <https://www.dallasclimateaction.com/_fil
Implement the State's RPS goal of 100% net sales of electricity through renewable sources by 2045.	Clean and Renewable Electricity	Electricity	Excel-based custom-built tool	Honolulu	One Climate One O'ahu ↗ <https://static1.squarespace.com/static/5e 2025+climate+action+plan.pdf>
Implement the utility Power Supply Improvement Plan (PSIP).	Clean and Renewable Electricity	Electricity	Excel-based custom-built tool	Honolulu	One Climate One O'ahu ↗ <https://static1.squarespace.com/static/5e 2025+climate+action+plan.pdf>
Support and promote the use and development of renewable energy	Clean and Renewable Electricity	Electricity	C40 Pathways tool (customization of CURB)	Houston	Houston Climate Action Plan ↗ <h
Advocate for renewable energy policies at the local, state, and federal levels.	Clean and Renewable Electricity	Electricity	C40 Pathways tool (customization of CURB)	Houston	Houston Climate Action Plan ↗ <h
Promote clean energy financing programs	Clean and Renewable Electricity	Electricity	C40 Pathways tool (customization of CURB)	Houston	Houston Climate Action Plan ↗ <h
Implement a 100% clean electricity law.	Clean and Renewable Electricity	Electricity	Excel-based custom-built tool	King County	King County 2020 Strategic Climat approved/2020-king-county-strategic-clima
Adopt renewable electricity for government operations.	Clean and Renewable Electricity	Electricity	Excel-based custom-built tool	King County	King County 2020 Strategic Climat approved/2020-king-county-strategic-clima

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Replace all existing non-LED streetlights and leased outdoor lighting with LED bulbs by 2030 or sooner, beginning in 2025.	Energy Efficiency	Electricity	Climate Action for Urban Sustainability (CURB) Tool	Memphis	Memphis Area Climate Action Plan action-plan-2019-final_4_january-2020>
Increase the percentage of carbon-free electricity to 80% by 2035 and 100% by 2050.	Clean and Renewable Electricity	Electricity	Climate Action for Urban Sustainability (CURB) Tool	Memphis	Memphis Area Climate Action Plan action-plan-2019-final_4_january-2020>
Achieve 100% clean electricity grid through local renewable energy purchasing and generation.	Clean and Renewable Electricity	Electricity	Excel-based custom-built tool	Philadelphia	Philadelphia Climate Action Playbook playbook.pdf>
Decarbonize the electric grid.	Clean and Renewable Electricity	Electricity	C40 Pathways tool (customization of CURB)	Phoenix	City of Phoenix Climate Action Plan <https://www.phoenix.gov/oepsite/docum
Increase solar energy production and consumption.	Clean and Renewable Electricity	Electricity	C40 Pathways tool (customization of CURB)	Phoenix	City of Phoenix Climate Action Plan <https://www.phoenix.gov/oepsite/docum
Follow a national executive order requiring carbon pollution-free electricity sector by 2035.	Clean and Renewable Electricity	Electricity	C40 Pathways tool (customization of CURB)	Phoenix	City of Phoenix Climate Action Plan <https://www.phoenix.gov/oepsite/docum
Generate 90% of consumed electricity from carbon-free and renewable sources by 2050.	Clean and Renewable Electricity	Electricity	Excel-based custom-built tool	Providence	The City of Providence's Climate J justice-plan-report-final-english-1.pdf>
Reduce the carbon intensity of San Antonio's energy supply to drive towards carbon neutrality by 2050.	Clean and Renewable Electricity; Electrification; Energy Efficiency	Electricity	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Support and incentivize district-scale clean energy projects that harness renewable and waste energy at large scales.	Clean and Renewable Electricity; Low-Carbon Fuels	Electricity	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Evaluate the potential to update electricity and water rate structures to support GHG reductions.	Energy Efficiency	Electricity	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil>
Convert all streetlights to LEDs with daylight sensors by 2021 and implement the recommendations of the Urban Lighting Master Plan.	Energy Efficiency	Electricity	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil>
Transition to a renewable energy future.	Clean and Renewable Electricity	Electricity	Excel-based custom-built tool	San Jose	Climate Smart San Jose: A People <https://www.sanjoseca.gov/home/showp>
Work with community advocates and other jurisdictions to co-form a community choice energy program or joint powers authority to procure 100% renewable power for Tucson.	Clean and Renewable Electricity	Electricity	Autocase Economic Evaluation Tool	Tucson	Tucson Resilient Together Climate docs/caap/tucsonresilienttogether_202302
Increase the percentage of residential and commercial customers with 100 percent renewable energy.	Clean and Renewable Electricity	Electricity	Excel-based custom-built tool	Ventura County	Ventura County 2040 General Plan <https://docs.vcrma.org/images/pdf/plann>
Enact the Austin Energy Resource Plan, which includes 93% of Austin Energy customer load with carbon free electricity by 2030, conservation, energy efficiency savings, and thermal storage.	Clean and Renewable Electricity; Energy Efficiency	Electricity; Commercial and residential buildings; Industry	Excel-based custom-built tool	Austin	Austin Climate Equity Plan [↗] <http
Utilize solar industrial process heating.	Clean and Renewable Electricity	Electricity; Industry	Excel-based custom-built tool	Clark County	All-In Clark County: Community Su clientsourcefiles.s3.amazonaws.com/clark
Improve energy efficiency of non-residential industrial buildings.	Energy Efficiency	Industry	ClimateView	Cincinnati	Green Cincinnati Plan 2023 [↗] <htt cincinnati-plan-2023-spreads/>

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Capture fugitive emissions from wastewater.	Non CO2 Emissions Management and/or Control	Industry	Excel-based custom-built tool	King County	King County 2020 Strategic Climat approved/2020-king-county-strategic-clima
Hasten the development of low carbon economy through energy collaboration with large regional businesses and institutions including the port of Philadelphia.	Low-Carbon Fuels	Industry	Excel-based custom-built tool	Philadelphia	Philadelphia Climate Action Playb
Sequester carbon dioxide through natural systems sequestration.	Sequestration	Natural and working lands	Excel-based custom-built tool	Austin	Austin Climate Equity Plan ↗ <http
Increase tree canopy and access to greenspace.	Sequestration	Natural and working lands	ClimateView	Cincinnati	Green Cincinnati Plan 2023 ↗ <htt cincinnati-plan-2023-spreads/>
Implement nature-based solutions that increase carbon storage	Sequestration	Natural and working lands	C40 Pathways tool (customization of CURB)	Houston	Houston Climate Action Plan ↗ <h
Strengthen carbon removals from forests.	Sequestration	Natural and working lands	Excel-based custom-built tool	King County	King County 2020 Strategic Climat approved/2020-king-county-strategic-clima
Plant or replant trees with the intention of increasing urban tree canopy to 60% coverage countywide by 2050.	Sequestration	Natural and working lands	Climate Action for Urban Sustainability (CURB) Tool	Memphis	Memphis Area Climate Action Plar action-plan-2019-final_4_january-2020>
Promote and increase carbon farming.	Agriculture Operational Practices; Sequestration	Natural and working lands	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Maintain and enhance urban forests.	Sequestration	Natural and working lands	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Convert to electric irrigation pumps.	Agriculture Operational Practices; Electrification	Natural and working lands	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Develop and implement a plan for carbon capture and storage that takes advantage of all available solutions.	Sequestration	Natural and working lands	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Analyze and quantify the urban heat island (UHI) in San Antonio and develop an implementable and impactful UHI mitigation and adaptation plan with a focus on vulnerable populations and ecosystems.	Sequestration	Natural and working lands	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Integrate climate mitigation and adaptation into existing land development review and permitting processes with a goal of maximizing the benefits of natural geographic and watershed features.	Sequestration	Natural and working lands	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Replace inorganic nitrogen fertilizer with lower emission alternatives.	Agriculture Operational Practices	Natural and working lands	Excel-based custom-built tool	Ventura County	Ventura County 2040 General Plar <https://docs.vcrma.org/images/pdf/plann
Plant at least 1,000 trees annually.	Sequestration	Natural and working lands	Excel-based custom-built tool	Ventura County	Ventura County 2040 General Plar <https://docs.vcrma.org/images/pdf/plann
Electrify 40% of total vehicle miles traveled in Austin by 2030.	Electrification	Transportation	Excel-based custom-built tool	Austin	Austin Climate Equity Plan ☐ <http

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Make 50% of trips in Austin using public transit, biking, walking, carpooling, or avoided altogether by working from home by 2030.	Travel Demand Management	Transportation	Excel-based custom-built tool	Austin	Austin Climate Equity Plan ↗ <http
Support transit-focused growth.	Travel Demand Management	Transportation	Excel-based custom-built tool	Boston	City of Boston Climate Action Plan 10/city_of_boston_2019_climate_action_p
Implement transportation pricing such as a VMT fee, congestion (cordon) fee, parking fee, subsidy for shared smart mobility, and free/reduced cost public transit.	Travel Demand Management	Transportation	Excel-based custom-built tool	Boston	City of Boston Climate Action Plan 10/city_of_boston_2019_climate_action_p
Grow the number of electric vehicles, assuming no changes to the grid mix.	Electrification	Transportation	Excel-based custom-built tool	Boston	City of Boston Climate Action Plan 10/city_of_boston_2019_climate_action_p

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Grow the number of electric vehicles, assuming the grid includes 80% clean energy.	Electrification	Transportation	Excel-based custom-built tool	Boston	City of Boston Climate Action Plan 10/city_of_boston_2019_climate_action_p
Grow the number of electric vehicles, assuming the grid includes 100% clean energy.	Electrification	Transportation	Excel-based custom-built tool	Boston	City of Boston Climate Action Plan 10/city_of_boston_2019_climate_action_p
Encourage the use of electric vehicles.	Electrification	Transportation	ClimateView	Cincinnati	Green Cincinnati Plan 2023 ☑ <htt cincinnati-plan-2023-spreads/>
Adopt improved vehicle and engine technology, particularly in the City's fleet.	Fuel Efficiency	Transportation	ClimateView	Cincinnati	Green Cincinnati Plan 2023 ☑ <htt cincinnati-plan-2023-spreads/>
Adopt improved vehicle and engine technology, particularly in the City's light trucks fleet.	Fuel Efficiency	Transportation	ClimateView	Cincinnati	Green Cincinnati Plan 2023 ☑ <htt cincinnati-plan-2023-spreads/>
Encourage the adoption of electric trucks.	Electrification	Transportation	ClimateView	Cincinnati	Green Cincinnati Plan 2023 ☑ <htt cincinnati-plan-2023-spreads/>

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Increase the proportion of walking and cycling.	Travel Demand Management	Transportation	ClimateView	Cincinnati	Green Cincinnati Plan 2023 ☑ <htt cincinnati-plan-2023-spreads/>
Electrify mobile machinery.	Electrification	Transportation	ClimateView	Cincinnati	Green Cincinnati Plan 2023 ☑ <htt cincinnati-plan-2023-spreads/>
Enhance public transit and transportation by public bus.	Travel Demand Management	Transportation	ClimateView	Cincinnati	Green Cincinnati Plan 2023 ☑ <htt cincinnati-plan-2023-spreads/>
Electrify on-road vehicles.	Electrification	Transportation	Excel-based custom-built tool	Clark County	All-In Clark County: Community Su clientsourcefiles.s3.amazonaws.com/clark
Electrify off-road and aviation.	Electrification	Transportation	Excel-based custom-built tool	Clark County	All-In Clark County: Community Su clientsourcefiles.s3.amazonaws.com/clark
Strategically manage population growth to minimize climate impact.	Travel Demand Management	Transportation	ICLEI ClearPath Tool	Columbus	Columbus Climate Action Plan ☑ <https://www.columbus.gov/files/sharedas
Increase private ZEV adoption.	Electrification	Transportation	ICLEI ClearPath Tool	Columbus	Columbus Climate Action Plan ☑ <https://www.columbus.gov/files/sharedas
Implement ZEV fleets for both the City and private companies.	Electrification	Transportation	ICLEI ClearPath Tool	Columbus	Columbus Climate Action Plan ☑ <https://www.columbus.gov/files/sharedas
Promote medium/heavy duty ZEV adoption.	Electrification	Transportation	ICLEI ClearPath Tool	Columbus	Columbus Climate Action Plan ☑ <https://www.columbus.gov/files/sharedas
Reduce single occupant vehicle miles traveled.	Travel Demand Management	Transportation	ICLEI ClearPath Tool	Columbus	Columbus Climate Action Plan ☑ <https://www.columbus.gov/files/sharedas
Increase transit use.	Travel Demand Management	Transportation	ICLEI ClearPath Tool	Columbus	Columbus Climate Action Plan ☑ <https://www.columbus.gov/files/sharedas

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Increase the percentage of electric passenger vehicles to 14% by 2030 and 50% by 2050.	Electrification	Transportation	Climate Action for Urban Sustainability (CURB) Tool	Dallas	Dallas Comprehensive Environme <https://www.dallasclimateaction.com/_fil
Convert 75% of municipal buses to electric by 2030 and 100% of municipal buses by 2050.	Electrification	Transportation	Climate Action for Urban Sustainability (CURB) Tool	Dallas	Dallas Comprehensive Environme <https://www.dallasclimateaction.com/_fil
Build 10% of new housing units in transit-oriented development locations by 2030 and 30% by 2050.	Travel Demand Management	Transportation	Climate Action for Urban Sustainability (CURB) Tool	Dallas	Dallas Comprehensive Environme <https://www.dallasclimateaction.com/_fil
Reduce trips in single occupant vehicles to 79% by 2030 and to 62% by 2050 by shifting travel mode to bus and light rail .	Travel Demand Management	Transportation	Climate Action for Urban Sustainability (CURB) Tool	Dallas	Dallas Comprehensive Environme <https://www.dallasclimateaction.com/_fil
Reduce VMT by introducing Honolulu Rail Transit.	Travel Demand Management	Transportation	Excel-based custom-built tool	Honolulu	One Climate One O'ahu ↗ <https://static1.squarespace.com/static/5e 2025+climate+action+plan.pdf>
Reduce VMT about 30% per capita by introducing Honolulu Rail Transit and additional multimodal options.	Travel Demand Management	Transportation	Excel-based custom-built tool	Honolulu	One Climate One O'ahu ↗ <https://static1.squarespace.com/static/5e 2025+climate+action+plan.pdf>
Electrify all vehicle sales.	Electrification	Transportation	Excel-based custom-built tool	Honolulu	One Climate One O'ahu ↗ <https://static1.squarespace.com/static/5e 2025+climate+action+plan.pdf>
Electrify 100% of City buses by 2035.	Electrification	Transportation	Excel-based custom-built tool	Honolulu	One Climate One O'ahu ↗ <https://static1.squarespace.com/static/5e 2025+climate+action+plan.pdf>
Electrify 100% of the City fleet by 2035.	Electrification	Transportation	Excel-based custom-built tool	Honolulu	One Climate One O'ahu ↗ <https://static1.squarespace.com/static/5e 2025+climate+action+plan.pdf>
Electrify 100% of the public fleet by 2035, and reach 95% EV penetration for private buses and other HDVs by 2045.	Electrification	Transportation	Excel-based custom-built tool	Honolulu	One Climate One O'ahu ↗ <https://static1.squarespace.com/static/5e 2025+climate+action+plan.pdf>

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Increase commercial and private sector infrastructure and incentives	Travel Demand Management; Electrification	Transportation	C40 Pathways tool (customization of CURB)	Houston	Houston Climate Action Plan ↗ <h
Convert 100% of the non-emergency, light-duty municipal fleet to EV technologies	Electrification	Transportation	C40 Pathways tool (customization of CURB)	Houston	Houston Climate Action Plan ↗ <h
Implement integrated multi-modal transportation systems	Travel Demand Management	Transportation	C40 Pathways tool (customization of CURB)	Houston	Houston Climate Action Plan ↗ <h
Build and retrofit complete, transit-oriented neighborhoods	Travel Demand Management	Transportation	C40 Pathways tool (customization of CURB)	Houston	Houston Climate Action Plan ↗ <h
Protect federal vehicle efficiency standards.	Fuel Efficiency	Transportation	Excel-based custom-built tool	King County	King County 2020 Strategic Climat approved/2020-king-county-strategic-clima
Reduce car trips.	Travel Demand Management	Transportation	Excel-based custom-built tool	King County	King County 2020 Strategic Climat approved/2020-king-county-strategic-clima
Adopt a clean fuels standard.	Low-Carbon Fuels	Transportation	Excel-based custom-built tool	King County	King County 2020 Strategic Climat approved/2020-king-county-strategic-clima
Increase adoption of electric vehicles.	Electrification	Transportation	Excel-based custom-built tool	King County	King County 2020 Strategic Climat approved/2020-king-county-strategic-clima
Transition to zero emission buses.	Electrification	Transportation	Excel-based custom-built tool	King County	King County 2020 Strategic Climat approved/2020-king-county-strategic-clima
Improve county fleet fuel efficiency and use of alternative fuel vehicles.	Low-Carbon Fuels; Fuel Efficiency	Transportation	Excel-based custom-built tool	King County	King County 2020 Strategic Climat approved/2020-king-county-strategic-clima

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Convert 10% of vehicle trips to bicycle and pedestrian modes by 2030 and 40% of vehicle trips by 2050.	Travel Demand Management	Transportation	Climate Action for Urban Sustainability (CURB) Tool	Memphis	Memphis Area Climate Action Plan action-plan-2019-final_4_january-2020>
Enhance public transit by fully implementing the Memphis 3.0 Transit Vision by 2022. Increase ridership and improve frequency to meet long-range (2040/2050) ridership objectives. Convert MATA's entire fleet to electric by 2050.	Travel Demand Management; Electrification	Transportation	Climate Action for Urban Sustainability (CURB) Tool	Memphis	Memphis Area Climate Action Plan action-plan-2019-final_4_january-2020>
Reduce drive-alone commute trips 10% by 2022 and 40% by 2050.	Travel Demand Management	Transportation	Climate Action for Urban Sustainability (CURB) Tool	Memphis	Memphis Area Climate Action Plan action-plan-2019-final_4_january-2020>
Encourage the development of charging infrastructure and electric vehicle adoption for both passenger and freight vehicles to 50% each by 2050.	Electrification	Transportation	Climate Action for Urban Sustainability (CURB) Tool	Memphis	Memphis Area Climate Action Plan action-plan-2019-final_4_january-2020>
Develop citywide transit plan which expands public and active transit routes and grows regional transit funds.	Travel Demand Management	Transportation	Excel-based custom-built tool	Philadelphia	Philadelphia Climate Action Playb
Transition municipal fleet to clean and electric vehicles and reduce idling.	Electrification; Fuel Efficiency; Low-Carbon Fuels	Transportation	Excel-based custom-built tool	Philadelphia	Philadelphia Climate Action Playb
Reduce emissions from private vehicles by installing EV charging stations and supporting safety, accessibility, and reliability of alternative modes of transit.	Travel Demand Management; Electrification	Transportation	Excel-based custom-built tool	Philadelphia	Philadelphia Climate Action Playb

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Increase investment in a regional active transportation (walking and cycling) network.	Travel Demand Management	Transportation	C40 Pathways tool (customization of CURB)	Phoenix	City of Phoenix Climate Action Pla <https://www.phoenix.gov/oepsite/docum
Increase public transit options.	Travel Demand Management	Transportation	C40 Pathways tool (customization of CURB)	Phoenix	City of Phoenix Climate Action Pla <https://www.phoenix.gov/oepsite/docum
Follow a national executive order requiring an increase in the sales of EVs, including hydrogen fuel cell Evs to 50% of all new sales by 2030.	Electrification	Transportation	C40 Pathways tool (customization of CURB)	Phoenix	City of Phoenix Climate Action Pla <https://www.phoenix.gov/oepsite/docum
Reduce VMT 20% by 2050 for light-duty vehicles.	Travel Demand Management	Transportation	Excel-based custom-built tool	Providence	The City of Providence's Climate J justice-plan-report-final-english-1.pdf>
Electrify 80% of gasoline and diesel-fueled miles driven for light, medium, and heavy duty vehicles by 2050.	Electrification	Transportation	Excel-based custom-built tool	Providence	The City of Providence's Climate J justice-plan-report-final-english-1.pdf>
Require Tier 4 final or cleaner construction equipment.	Fuel Efficiency; Low-Carbon Fuels; Electrification	Transportation	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Implement electric vehicle infrastructure program.	Electrification	Transportation	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Reduce emissions from new residential and office/business professional development vehicle miles traveled.	Travel Demand Management	Transportation	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Update transportation system management plan for nonresidential projects.	Travel Demand Management	Transportation	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Revise parking standards for nonresidential development.	Travel Demand Management	Transportation	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Improve transit access.	Travel Demand Management	Transportation	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Improve pedestrian network and facilities.	Travel Demand Management	Transportation	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Implement traffic calming measures.	Travel Demand Management	Transportation	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Improve bicycle network and facilities.	Travel Demand Management	Transportation	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Expand transit subsidy program for county employees.	Travel Demand Management	Transportation	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Expand county government fleet conversion program to achieve 100% conversion to ZEVs by 2035.	Electrification; Low-Carbon Fuels	Transportation	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Use renewable CNG for on- and off-road county-owned fleets.	Low-Carbon Fuels	Transportation	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Use renewable diesel for on- and off-road county-owned fleets.	Low-Carbon Fuels	Transportation	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Replace County-owned airport vehicle fleet.	Electrification; Low-Carbon Fuels	Transportation	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Encourage the accelerated adoption of and transition to clean and more efficient vehicle technologies for personal vehicles, trucks, transit, and freight.	Electrification; Fuel Efficiency; Low-Carbon Fuels	Transportation	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Reduce vehicle miles traveled per person throughout the City, prioritizing the reduction of VMT in single-occupancy vehicles by diversifying transportation choices.	Travel Demand Management	Transportation	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil>
Accelerate connectivity and walkability by prioritizing the funding and construction of infrastructure for micro-mobility modes such as walking, biking, and other human-powered transportation.	Travel Demand Management	Transportation	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil>
Support and incentivize the development and redevelopment of more compact, connected, cost-effective, and resilient neighborhoods and districts.	Travel Demand Management	Transportation	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil>
Utilize smart city and big data solutions to promote mobility as a service to reduce the GHG impact of transportation solutions.	Travel Demand Management	Transportation	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil>
Fund and track SA Tomorrow Sustainability, Comprehensive, and Multi-modal transportation plans.	Travel Demand Management	Transportation	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil>

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Convert all municipal fleet passenger vehicles and small trucks to more efficient options by 2025, with a priority on electrification based on recommendations of the Electric Fleet Conversion and Infrastructure Study; research and pilot the electrification of heavy trucks.	Fuel Efficiency; Electrification	Transportation	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Reduce the GHG impact of municipal employee commuting.	Travel Demand Management	Transportation	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Build a fast and reliable transit system that will be everyone's preferred way to get around.	Travel Demand Management	Transportation	Excel-based custom-built tool	San Francisco	San Francisco's Climate Action Pla <https://sfenvironment.org/sites/default/fi
Create a complete and connected active transportation network that shifts trips from automobiles to walking, biking, and other active transportation modes.	Travel Demand Management	Transportation	Excel-based custom-built tool	San Francisco	San Francisco's Climate Action Pla <https://sfenvironment.org/sites/default/fi
Develop pricing and financing of mobility that reflect the carbon cost and efficiency of different modes of transportation.	Travel Demand Management	Transportation	Excel-based custom-built tool	San Francisco	San Francisco's Climate Action Pla <https://sfenvironment.org/sites/default/fi
Accelerate the adoption of ZEVs and other electric mobility options where motor vehicle use or travel is necessary.	Electrification	Transportation	Excel-based custom-built tool	San Francisco	San Francisco's Climate Action Pla <https://sfenvironment.org/sites/default/fi
Create clean, personalized mobility choices.	Travel Demand Management; Electrification	Transportation	Excel-based custom-built tool	San Jose	Climate Smart San Jose: A People <https://www.sanjoseca.gov/home/showp

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Develop integrated, high-quality, accessible public transit infrastructure.	Travel Demand Management	Transportation	Excel-based custom-built tool	San Jose	Climate Smart San Jose: A People <https://www.sanjoseca.gov/home/showp
Create local, accessible jobs in the City to reduce VMT.	Travel Demand Management	Transportation	Excel-based custom-built tool	San Jose	Climate Smart San Jose: A People <https://www.sanjoseca.gov/home/showp
Use various funding sources, including Prop 411, to implement bicycle, pedestrian, and other zero emission mobility projects identified in Move Tucson to create a transportation network aligned with the Complete Streets approach.	Travel Demand Management	Transportation	Autocase Economic Evaluation Tool	Tucson	Tucson Resilient Together Climate docs/caap/tucsonresilienttogether_202302
Implement a fleet management plan that mandates all newly purchased City vehicles (including replacements) are zero-emission vehicles and implements fleet efficiency evaluations to ensure that the City does not own or use more vehicles than it needs at any time.	Fuel Efficiency; Electrification	Transportation	Autocase Economic Evaluation Tool	Tucson	Tucson Resilient Together Climate docs/caap/tucsonresilienttogether_202302
Replace City-owned medium-to-heavy duty vehicles with zero and near zero emission vehicles.	Electrification; Fuel Efficiency	Transportation	Autocase Economic Evaluation Tool	Tucson	Tucson Resilient Together Climate docs/caap/tucsonresilienttogether_202302
Create a funding and purchase plan for battery electric buses, paratransit vehicles, and other zero emission vehicles across all public transportation services.	Electrification	Transportation	Autocase Economic Evaluation Tool	Tucson	Tucson Resilient Together Climate docs/caap/tucsonresilienttogether_202302
Reduce new VMT by 15%	Travel Demand Management	Transportation	Excel-based custom-built tool	Ventura County	Ventura County 2040 General Plan <https://docs.vcrma.org/images/pdf/plann

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Reduce overall VMT by an additional 5% by 2030 and an additional 10% by 2040	Travel Demand Management	Transportation	Excel-based custom-built tool	Ventura County	Ventura County 2040 General Plan <https://docs.vcrma.org/images/pdf/plann
Include a carbon impact analysis in City projects and budgeting processes.	Planning and Operations	Transportation; Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Update the City's green purchasing policy to consider lifecycle impacts when choosing products.	Low Embodied Carbon Materials	Transportation; Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Reduce the GHG impact of materials used in public works and roadway projects.	Low Embodied Carbon Materials	Transportation; Commercial and residential buildings	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Consider pursuing and achieving Airport Carbon Accreditation.	Low-Carbon Fuels; Electrification; Energy Efficiency	Transportation; Commercial and residential buildings; Electricity	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Work with partner organizations to develop and implement comprehensive sustainability and GHG education and workforce training programs.	Planning and Operations	Transportation; Commercial and residential buildings; Electricity; Waste and materials management	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Develop and implement a comprehensive sustainability and GHG education program for municipal employees.	Planning and Operations	Transportation; Commercial and residential buildings; Electricity; Waste and materials management	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Make commercial goods movement clean and efficient.	Electrification	Transportation; Industry	Excel-based custom-built tool	San Jose	Climate Smart San Jose: A People <https://www.sanjoseca.gov/home/showp

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Increase composting.	Waste diversion	Waste and materials management	Excel-based custom-built tool	Boston	City of Boston Climate Action Plan 10/city_of_boston_2019_climate_action_p
Increase paper recycling.	Waste diversion	Waste and materials management	Excel-based custom-built tool	Boston	City of Boston Climate Action Plan 10/city_of_boston_2019_climate_action_p
Increase plastic recycling.	Waste diversion	Waste and materials management	Excel-based custom-built tool	Boston	City of Boston Climate Action Plan 10/city_of_boston_2019_climate_action_p
Pursue other waste diversion methods.	Waste diversion	Waste and materials management	Excel-based custom-built tool	Boston	City of Boston Climate Action Plan 10/city_of_boston_2019_climate_action_p
Reduce waste at the source.	Waste diversion	Waste and materials management	Excel-based custom-built tool	Boston	City of Boston Climate Action Plan 10/city_of_boston_2019_climate_action_p
Achieve the 2018 Green Cincinnati Plan includes a goal of zero waste by 2035.	Waste diversion	Waste and materials management	ClimateView	Cincinnati	Green Cincinnati Plan 2023 ↗ <htt cincinnati-plan-2023-spreads/>

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Implement an organic waste to energy system.	Non CO2 Emissions Management and/or Control; Waste diversion	Waste and materials management	Excel-based custom-built tool	Clark County	All-In Clark County: Community Su clientsourcefiles.s3.amazonaws.com/clark
Reduce landfilled organic waste.	Waste diversion	Waste and materials management	ICLEI ClearPath Tool	Columbus	Columbus Climate Action Plan ↗ <https://www.columbus.gov/files/sharedas
Reduce recyclable waste sent to landfill.	Waste diversion	Waste and materials management	ICLEI ClearPath Tool	Columbus	Columbus Climate Action Plan ↗ <https://www.columbus.gov/files/sharedas
Divert 35% of food and yard waste by 2030 and 80% of food and yard waste by 2050.	Waste diversion	Waste and materials management	Climate Action for Urban Sustainability (CURB) Tool	Dallas	Dallas Comprehensive Environme <https://www.dallasclimateaction.com/_fil
Divert 60% of paper waste by 2030 and 90% of paper waste by 2050.	Waste diversion	Waste and materials management	Climate Action for Urban Sustainability (CURB) Tool	Dallas	Dallas Comprehensive Environme <https://www.dallasclimateaction.com/_fil
Reduce waste by 25% per capita by 2030.	Waste diversion	Waste and materials management	Excel-based custom-built tool	Honolulu	One Climate One O'ahu ↗ <https://static1.squarespace.com/static/5e 2025+climate+action+plan.pdf>
Strengthen and support efforts to collect and compost food organics	Waste diversion	Waste and materials management	C40 Pathways tool (customization of CURB)	Houston	Houston Climate Action Plan ↗ <h
Optimize waste collection and transfer	Waste diversion	Waste and materials management	C40 Pathways tool (customization of CURB)	Houston	Houston Climate Action Plan ↗ <h
Increase landfill gas capture and opportunities for waste conversion	Non CO2 Emissions Management and/or Control	Waste and materials management	C40 Pathways tool (customization of CURB)	Houston	Houston Climate Action Plan ↗ <h
Advance multi-family and commercial recycling	Waste diversion	Waste and materials management	C40 Pathways tool (customization of CURB)	Houston	Houston Climate Action Plan ↗ <h

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Improve landfill cover and disposal reductions.	Non CO2 Emissions Management and/or Control	Waste and materials management	Excel-based custom-built tool	King County	King County 2020 Strategic Climat approved/2020-king-county-strategic-clima
Divert greater amounts of organic waste from landfills, reducing the portion of yard and wood waste destined for landfills in half relative to 2016 by 2035.	Waste diversion	Waste and materials management	Climate Action for Urban Sustainability (CURB) Tool	Memphis	Memphis Area Climate Action Plar action-plan-2019-final_4_january-2020>
Reduce the overall amount of waste generated.	Waste diversion	Waste and materials management	Climate Action for Urban Sustainability (CURB) Tool	Memphis	Memphis Area Climate Action Plar action-plan-2019-final_4_january-2020>
Extend the use of biogas controls to Class III and Class IV landfills. Improve the biogas capture rate at Class I landfills from 75% to 85% by 2020, and promote greater methane recovery over biogas flaring.	Non CO2 Emissions Management and/or Control	Waste and materials management	Climate Action for Urban Sustainability (CURB) Tool	Memphis	Memphis Area Climate Action Plar action-plan-2019-final_4_january-2020>
Reduce municipal waste through sustainable procurement and food composting and donating.	Waste diversion	Waste and materials management	Excel-based custom-built tool	Philadelphia	Philadelphia Climate Action Playb
Reduce residential and business waste.	Waste diversion	Waste and materials management	Excel-based custom-built tool	Philadelphia	Philadelphia Climate Action Playb
Reduce industrial and utilities waste.	Waste diversion	Waste and materials management	Excel-based custom-built tool	Philadelphia	Philadelphia Climate Action Playb
Increase recycling to 50% by 2030.	Waste diversion	Waste and materials management	C40 Pathways tool (customization of CURB)	Phoenix	City of Phoenix Climate Action Pla <https://www.phoenix.gov/oepsite/docum

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Reduce food loss and food waste 50% compared with 2010 values by 2030.	Waste diversion	Waste and materials management	C40 Pathways tool (customization of CURB)	Phoenix	City of Phoenix Climate Action Pla <https://www.phoenix.gov/oepsite/docum
Increase organic waste diversion.	Waste diversion	Waste and materials management	Excel-based custom-built tool	Sacramento	Sacramento County Climate Actio progress/documents/climate%20action%2
Reduce landfilled commercial waste.	Waste diversion	Waste and materials management	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Reduce landfilled residential waste with the goal of becoming a zero-waste community.	Waste diversion	Waste and materials management	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Accelerate the diversion of organics from landfills to the highest and best use opportunities and ensure low-carbon composting solutions.	Waste diversion	Waste and materials management	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Support the development of a local circular economy to extend product lifespan through improved design and servicing and relocating waste from the end of the supply chain to the beginning.	Waste diversion	Waste and materials management	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Accelerate the acceptance of low-waste construction projects through education, incentives and partnerships, and continue to pursue zero-landfill waste practices for all construction projects.	Waste diversion	Waste and materials management	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil
Strive to achieve zero waste for all municipal government operations by 2030 with a focus on overall reduction, product reuse, and circularity.	Waste diversion	Waste and materials management	Climate Action for Urban Sustainability (CURB) Tool	San Antonio	SA Climate Ready: A Pathway for C <https://www.sanantonio.gov/portals/0/fil

Measure Description	Measure Type	Sector	Tool	Jurisdiction	Climate Action Plan (CAP)
Implement a Communitywide Zero Waste Plan and accompanying initiatives to achieve zero waste for City operations by 2030, and community-wide zero waste by 2050.	Waste diversion	Waste and materials management	Autocase Economic Evaluation Tool	Tucson	Tucson Resilient Together Climate docs/caap/tucsonresilienttogether_202302
Create a community-wide organics collection and treatment program.	Waste diversion	Waste and materials management	WARM	Tucson	Tucson Resilient Together Climate docs/caap/tucsonresilienttogether_202302

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