



# Climate Action Plan 2024 Progress and Update

City of Tacoma | Center for Strategic Priorities | Office of Environmental Policy and Sustainability  
Tacoma Public Utilities  
City Council Study Session  
May 20, 2025



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## OVERVIEW

- 2024 Progress Report
- New Update of Actions
  - Preview of final actions for June adoption Resolution



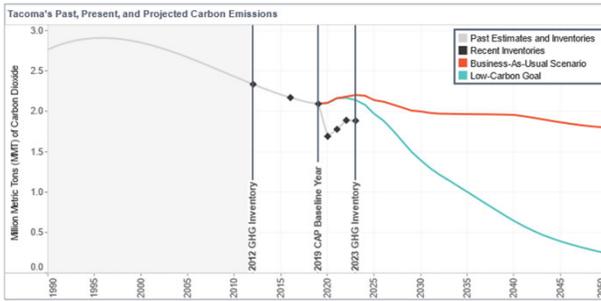
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# PROGRESS UPDATE



## Greenhouse Gas Inventory Results



## CAP Actions Update



## New CAP Public Dashboards

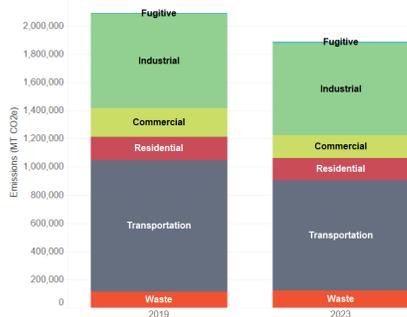
<https://public.tableau.com/app/profile/city.of.tacoma/viz/CityofTacomaClimateActionPlan/GHGInventoryStory>

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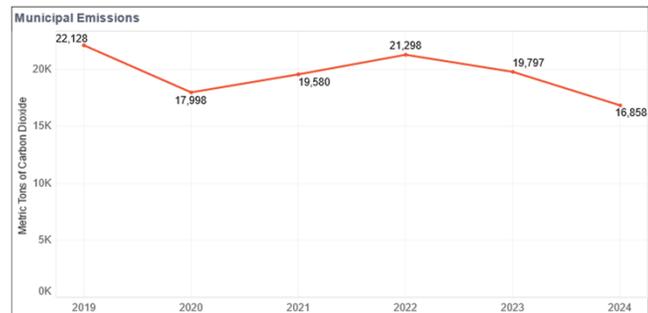
# PROGRESS UPDATE



## Community-wide Emissions



## Municipal Emissions



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# 7 KEY OBJECTIVES



Increase complete, **connected, safe** neighborhoods and active and zero emission mobility

Reduce energy emissions from new and existing **homes** and buildings

Increase waste prevention and circular economy **opportunities**

Cultivate green **jobs** through a just transition

**Empower** climate leaders through engagement and transparency

Increase **healthy** natural systems & local food access

**Prepare and protect** our people, ecosystems and infrastructure from worsening climate impacts

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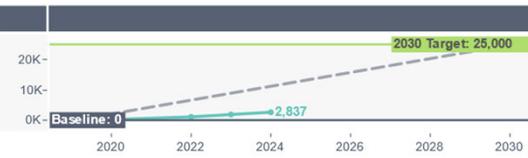


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# NATURAL SYSTEMS AND LOCAL FOOD



Indicator Target	Metric	Value
Increase tree planting and care in high heat neighborhoods by planting 25,000 trees.	Trees planted and maintained	2,837





Colibri Farm at the Recycle Center



Palmer Scholars learning GSI

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# MOBILITY AND LAND USE



Indicator Target	Metric	Value	
Increase public electric vehicle charging locations by 5 times, especially in very low opportunity equity neighborhoods.	Low and very low opportunity neighborhood locations	2020	9
		2024	42
2030 Target: 50		2030	50
		2030 Target: 50	
Increase miles of bicycle infrastructure by 80%.	Miles	2020	81
		2024	88
2030 Target: 140		2030	140
		2030 Target: 140	

## Home in Tacoma

And you!





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# BUILDINGS AND ENERGY



Indicator Target	Metric	Value	
Reduce fossil fuel energy use from buildings by 33%.	Commercial and residential natural gas use (MMBTU)	2020	4,726,691
		2024	4,392,266
2030 Target: 3,151,127		2030	3,151,127
		2030 Target: 3,151,127	





WA Clean Building Symposium

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# ● ● ● CONSUMPTION AND MATERIAL MGMT



Indicator Target	Metric	
Decrease per-capita waste generation by 14%.	lbs/person/day	



**TACOMA**  
TOOL LIBRARY



Recycling Ambassadors

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# ● ● ● GREEN ECONOMY



Indicator Target	Metric	
Increase the number of EnviroStar businesses by 5x.	Certified businesses	



UPCOMING GRADUATION  
TUESDAY, NOVEMBER 19, 2024

**Congratulations to the Fall 2024 PNW E-Contractor Academy graduates!** In partnership with the City of Tacoma, Emerald Cities Collaborative is working together to provide contractors with education and connections to decarbonize our built environment.

## Green Jobs & Pathways Summit

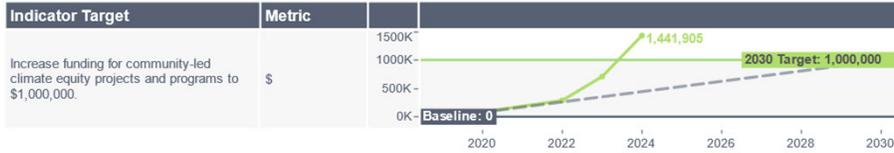
May 8, 2024 9am - 4pm | Clover Park Technical College

Presented by  

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# GOVERNANCE AND ENGAGEMENT

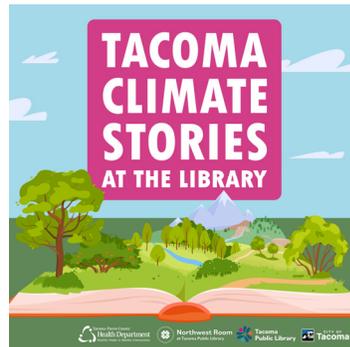
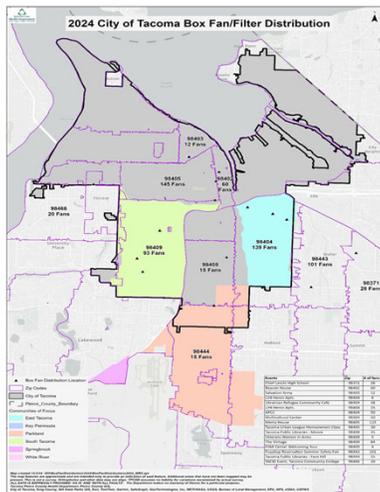


Community Climate Justice Summit



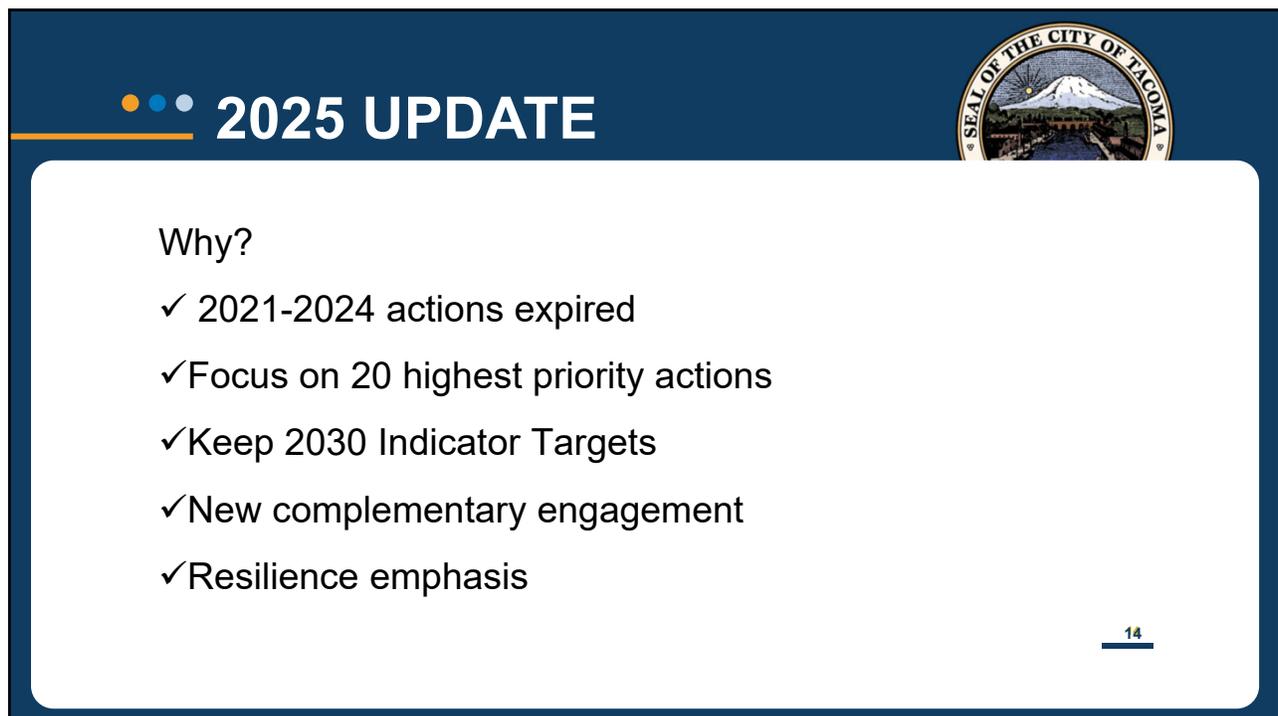
17th South Sound Sustainability Expo

# ADAPTATION





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## WHAT WE HEARD

<b>Mobility and Land Use</b>	<ul style="list-style-type: none"> <li>• Safer streets to walk, bike, and roll on and a diversity of electrified public transit options</li> <li>• Traffic-calming, complete streets with features like bulb-outs, protected bike lanes, and rain gardens</li> <li>• Reducing air quality impacts from heavy and medium duty trucks</li> </ul>
<b>Building and Energy</b>	<ul style="list-style-type: none"> <li>• Interest in incentives for heat pumps/air conditioning</li> <li>• Industrial emissions reductions</li> </ul>
<b>Consumption and Material Management</b>	<ul style="list-style-type: none"> <li>• Better networks for reuse and resource sharing</li> <li>• Responsible recycling</li> <li>• Expanded options for wood waste and tree removal</li> </ul>

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## WHAT WE HEARD

<b>Green Economy</b>	<ul style="list-style-type: none"> <li>• Workforce development prioritized for green economic development</li> <li>• Support for assistance to transition current industry towards decarbonization</li> </ul>
<b>Governance and Engagement</b>	<ul style="list-style-type: none"> <li>• Expanded education on environmental matters and more communication on the City's climate action</li> <li>• More aggressive policy-making and implementation</li> </ul>
<b>Natural Systems and Local Food</b>	<ul style="list-style-type: none"> <li>• Tree planting, increased tree canopy, and maintenance to keep areas clean and safe</li> <li>• More green space for community food projects and mental health</li> </ul>
<b>Climate Adaptation</b>	<ul style="list-style-type: none"> <li>• Worry about extreme summer temperatures and want more options to cool down both in their homes and in public</li> <li>• Community resiliency, including hubs</li> </ul>

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	Mobility & Land Use	Buildings & Energy	Consumption & Material Management	Governance & Engagement	Green Economy	Natural Systems & Local Food	Adaptation
<b>DRAFT Near-Term Actions 2025 - 2027</b>	<ol style="list-style-type: none"> <li>1. Create finance plan &amp; seek funding to complete Vision Zero by 2035 and the City's bicycle and pedestrian network by 2050.</li> <li>2. Support curbside public EV charging with right-of-way guidebook for charging strategies.</li> <li>3. Implement the recommended actions of the Tideflats Subarea Plan that project our lands and increase green jobs</li> </ol>	<ol style="list-style-type: none"> <li>1. Collaborate with public and private partners towards a variety of efficient and healthy building retrofit solutions.</li> <li>2. Advocate for building codes that accelerate decarbonization for the 2026 State building code cycle.</li> <li>3. Reduce water usage during summer months</li> </ol>	<ol style="list-style-type: none"> <li>1. Develop program to increase salvaged material from residential wood framed structures</li> <li>2. Increase financial support for waste prevention leaders &amp; reach more diverse community groups.</li> <li>3. Increase food waste diversion programs &amp; implement Organics Management Laws</li> </ol>	<ol style="list-style-type: none"> <li>1. Provide training &amp; resources to build capacity in community groups regarding climate equity.</li> <li>2. Increase communication &amp; staff engagement around climate equity</li> <li>3. Pilot a climate budget report that outlines City funding programming for climate equity work</li> </ol>	<ol style="list-style-type: none"> <li>1. Conduct enhanced business engagement to industrial &amp; manufacturing firms.</li> <li>2. Engage directly with businesses about the EnviroStars business recognition program.</li> <li>3. Reengage Sustainability Professionals Network with green business tours.</li> </ol>	<ol style="list-style-type: none"> <li>1. Update the Critical Areas Ordinance to preserve urban natural resources &amp; adapt to climate change.</li> <li>2. Consider tree preservation citywide.</li> <li>3. Create open space acquisition plan.</li> </ol>	<ol style="list-style-type: none"> <li>1. Work with partners to develop a Sea Level Rise Master Plan to determine needed adaptation actions.</li> <li>2. Coordinate with partner agencies &amp; organizations to create a Resilience Hubs program.</li> </ol>

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	Mobility & Land Use	Buildings & Energy	Consumption & Material Management	Green Economy	Natural Systems & Local Food	Adaptation
<b>DRAFT Long-Term Actions</b>	<ol style="list-style-type: none"> <li>1. Support expansion of 15-minute neighborhoods through land use and zoning amendments.</li> <li>2. Conduct a subarea plan and EIS for South Tacoma Manufacturing and Industrial Center that prioritizes green business and clean transportation.</li> <li>3. Increase capacity for greater transit and multimodal coordination.</li> </ol>	<ol style="list-style-type: none"> <li>1. Evaluate feasibility of home energy score program for greater transparency for buyers/renters.</li> <li>2. Pilot neighborhood-scale electrification programs.</li> <li>3. Adjust building bonus structures to incentivize more affordable units.</li> </ol>	<ol style="list-style-type: none"> <li>1. Support industrial symbiosis through business outreach.</li> <li>2. Enhance safe waste diversion strategies for high GHG impact materials at Transfer and Recovery Center</li> </ol>	<ol style="list-style-type: none"> <li>1. Develop virtual green accelerator for mid-sized firms.</li> <li>2. Collaborative procurement plan with the Port and TPU.</li> <li>3. Work with partners to pursue circular economy businesses.</li> </ol>	<ol style="list-style-type: none"> <li>1. Develop right-of-way tree maintenance program</li> <li>2. Implement actions from Urban Hardwood Utilization Study.</li> <li>3. Explore edible and culturally important landscapes for harvesting on Open Space.</li> <li>4. Enroll all passive, ES-managed open space land in active restoration and maintenance by 2036.</li> <li>5. Seek urban farm opportunities</li> </ol>	<ol style="list-style-type: none"> <li>1. Design and build infrastructure along coastline to prepare for sea level rise.</li> <li>2. Develop and implement an urban heat resilience strategy.</li> <li>3. Review and update Shoreline Master Program.</li> </ol>

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	Mobility & Land Use	Buildings & Energy	Consumption & Material Management	Governance & Engagement	Green Economy	Natural Systems & Local Food	Adaptation
Departmental Actions	<ol style="list-style-type: none"> <li>1. Study flooding impacts on roads, infrastructure, and steep slopes.</li> <li>2. Develop Climate and Resiliency element of Comprehensive Plan.</li> <li>3. Develop Fleet Decarbonization Accelerator Program.</li> <li>4. Create departmental infrastructure for EV storage and charging.</li> </ol>	<ol style="list-style-type: none"> <li>1. Ensure city buildings exceed compliance with the WA Clean Building Performance Standard.</li> <li>2. Ensure City buildings comply with WA Clean Building Performance Standard</li> </ol>	<ol style="list-style-type: none"> <li>1. Increase fleet capital budget to accelerate low emission vehicle replacement.</li> <li>2. Ensure Solid Waste facility is aligned with WA Clean Building Performance Standards and City standards.</li> <li>3. Reach compliance with WA Landfill Methane Emissions Reduction.</li> </ol>	<ol style="list-style-type: none"> <li>1. Provide regular communication on climate activities to our community</li> </ol>	<ol style="list-style-type: none"> <li>1. Engage with business community on sustainability.</li> <li>2. Redesign business greening resource toolkit to reflect legislative shifts.</li> </ol>	<ol style="list-style-type: none"> <li>1. Advance Complete Streets implementation with focus on trees.</li> <li>2. Naturalize and revegetate four stormwater ponds.</li> <li>3. Use climate adapted-species in Open Spaces.</li> </ol>	<ol style="list-style-type: none"> <li>1. Support TPCPD in providing filter fans and air purifiers to at-risk community members.</li> </ol>
Supporting Actions	<ol style="list-style-type: none"> <li>1. Identify and implement freight electric charging.</li> <li>2. Support a robust transit system, which can be safely accessed by pedestrian and bicycle connections.</li> </ol>	<ol style="list-style-type: none"> <li>1. Partner with Pierce Co. WorkForce Central to write targeted manufacturing workforce development plan.</li> </ol>	<ol style="list-style-type: none"> <li>1. Support Implementation of 2040 Tacoma-Pierce County Solid and Hazardous Waste Management Plan</li> </ol>	<ol style="list-style-type: none"> <li>1. Support elected officials in the Pierce County Climate Collaborative.</li> </ol>	<ol style="list-style-type: none"> <li>1. Invest in Workforce Central's upskill/reskill services.</li> <li>2. Support creation of and expand pre-apprenticeship programs.</li> </ol>	<ol style="list-style-type: none"> <li>1. Partner with Pierce Conservation District to revitalize Open Space Volunteer Program and develop a Backyard Habitat Program</li> <li>2. Support neighborhood fruit tree greening</li> </ol>	<ol style="list-style-type: none"> <li>1. Support design and building of climate ready coastal infrastructure.</li> </ol>

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## NEXT STEPS

- June: Resolution for CAP Update adoption
- Continue CAP implementation
- April 2026: 2025 CAP Progress Report

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