

TCMP QUARTERLY PROGRESS REPORTING INSTRUCTIONS:

Please fill in the relevant fields in the table below. Jurisdictions are not expected to address all categories, in all quarters—if no activities related to the category have been conducted during the reporting period, please write “N/A.” Information from quarterly reports will be rolled up into an annual report.

Jurisdiction:		TRPC/Regional			
Contact:		Casey Mauck			
Reporting Period:		July - September 2022			
Sector/ Strategy	Action ID	Short name	Action Description	Implementation Approach	Activities <i>Summary of any activities taken during the reporting period (reference action #, if applicable)</i>
General					
					<p>Olympia Climate and Equity Framework: Completed revisions to City's climate and equity frameworks for planning and decision-making. Staff training on frameworks will take place between October and November 2022. Staff report templates will be updated to require assessments of climate and equity considerations in all items presented to City Council by January 2023. Heat Vulnerability Assessment: Selected for the October 2022 Thriving Earth Exchange cohort. As a part of this cohort, the City will receive project and technical support to complete a community science project focused on evaluating the distribution of urban heat impacts in Olympia.</p> <p>Regional The Steering Committee appointed 3 members to fill the Climate Advisory Workgroup. The workgroup met in August and will meet again in November. TRPC revised the criteria used to rank projects in the call for projects process, which will dole out nearly \$11.4 M in funds for local transportation and other projects. One new criterion is a project's ability to reduce greenhouse gas emissions.</p> <p>Thurston County Thurston County Commissioner passed revised C-PACER Ordinance. Thurston County hired a new Climate Mitigation Senior Program Manager that will start October 17, 2022.</p>
<i>Climate mitigation activities not tied to a specific sector, strategy, or action in the Thurston Climate Mitigation Plan.</i>					
Buildings & Energy					
B1. Reduce energy use in residential buildings.					
	B1.1	residential energy performance ratings	Require energy performance ratings and disclosures for homes at time of sale, lease, or rent so that owners, tenants, and prospective buyers are informed before making purchasing or rental decisions.	Legislative agenda	Lacey B1. Residential Energy Efficiency: Collaborating with Puget Sound Energy, Community Action Council, Department of Commerce and other local and regional agencies to identify existing barriers for local households looking to increase their residential energy efficiency while lowering monthly costs.
	B1.2	residential energy audits	Develop and adopt policies that require residential properties to undertake an energy audit at the time of sale or during a substantial remodel. Work with financial institutions to develop mortgage products that incorporate audited energy efficiency recommendations.	Legislative agenda	
	B1.4	rental housing EE incentives	Provide incentives such as property tax breaks for landlords who install energy conservation measures in rental housing.	Legislative agenda	
	B1.5	property tax credit	Create incentives such as a property tax credit for property owners who participate in energy efficiency.	Legislative agenda	
	B1.6	rental housing EE baseline	Require rental units to meet baseline levels of energy efficiency and make more stringent over time.	Legislative agenda	
B2. Reduce energy use in existing commercial/industrial buildings.					
	B2.1	commercial energy benchmarking & disclosure	Require energy performance ratings for commercial structures be disclosed so that owners, tenants, and prospective buyers are informed before making purchasing or rental decisions.	Legislative agenda	Tumwater B2.3. Work began on 9/26/22 to replace ~900 light fixtures at the Tumwater Timberland Library branch.
	B2.3	LED lighting	Install LED lighting in public-sector buildings and infrastructure (e.g., street lights, traffic signals).	Individual jurisdictions	
	B2.6	cool roofs	Create an incentive program for the installation of reflective roofs on commercial buildings to reduce building energy consumption and the urban heat island effect.	Individual jurisdictions	
	B2.8	performance standard	Set energy efficiency performance standards for commercial buildings with gross floor areas smaller than 50,000 square feet.	Legislative agenda	
B3. Reduce energy use across building types.					
	B3.1	energy education	Provide educational resources and technical assistance to industry professionals, building owners and managers on all aspects of energy efficient building design, retrofits, and operations for new and existing buildings.	Supporting partner (PSE)	
	B3.4	exemplary buildings	Partner with public, private, non-profit, and faith-based organizations to facilitate rapid deployment and public awareness of high-profile demonstration buildings that use innovative energy efficiency and/or technology to limit energy use.	Supporting partner (unidentified)	
	B3.5	green building tracking	Develop data methodology to monitor use and impacts of green building incentives, to inform future incentives and develop recommendations for policy or programs.	Regionally coordinated	
B4. Reduce energy use in new buildings or redevelopment.					

B4.4	green public buildings	Require that new local government facilities and other public buildings demonstrate green building technologies and practices.	Regionally coordinated	Olympia B4.4. Inventory of natural gas equipment in city-owned facilities is 90% complete.
B4.5	permitting incentives	Offer streamlined permitting, lower fees, or other incentives for projects that meet green building certification standards.	Regionally coordinated	
B4.6	EE tax exemptions	Create a local property tax reduction or credit for new buildings that meet an energy efficiency performance standard.	Legislative agenda	
B4.7	land use incentives	Provide land use incentives (such as floor area ratio, density bonus, height bonus, or parking reductions) for zero-net carbon buildings or other applications that dramatically increase energy efficiency.	Regionally coordinated	
B4.9	permit counter technical assistance	Hire or contract with dedicated green building specialists to provide technical assistance through the permitting and development process.	Individual jurisdictions	
B4.11	grid-connected appliances	Require smart appliances in new construction, especially water heaters that control timing of demand.	Legislative agenda	
B4.12	multifamily submetering	Require submetering for new multifamily buildings so residents can track energy use.	Legislative agenda	
B5. Increase the production of local renewable energy.				
B5.3	public building solar	Install solar photovoltaics on all available and feasible municipal sites, including building rooftops, city hall, schools, police and fire stations, community centers, municipal water pump sites, and transit depots.	Individual jurisdictions	Olympia B5.5 Olympia has achieved SolSmart Gold designation and celebrated this recognition at a City Council meeting in September 2022. Tumwater B5.3. Staff has been working to execute a contract to install 9 panels at one water fill station and 2 panels at one water valve location this year. When the contract is executed, work will begin. B5.5. Staff has scheduled a meeting with SolSmart Technical Assistance to begin the SolSmart process.
B5.5	solSmart	Pursue SolSmart designations and adopt solar friendly practices.	Individual jurisdictions	
B5.8	solar-ready	Evaluate and adopt elements of SolSmart program and adopt solar friendly practices.	Individual jurisdictions	
B5.10	group purchasing	Develop/support a city-sponsored group solar purchasing program.	Individual jurisdictions	
B6. Convert to cleaner fuel sources.				
B6.1	natural gas to electric conversions	Educate business owners and residents on the options for electric appliances and the benefit of pairing electrification with the installation of renewable energy. Create incentives to support fuel switching.	Supporting partner (PSE)	Olympia B6. Continued work with Habitat for Humanity to develop a heat pump group purchase campaign. B6. ECONorthwest continued work on building electrification cost assessment, including the selection of building prototypes for energy modeling.
B6.2	electric appliances in new construction	Update municipal code to require electric appliances in new construction.	Legislative agenda	
B6.4	natural gas transition	Phase out new natural gas connections in new buildings over time.	Legislative agenda	
Transportation & Land Use				
T1. Set land use policies that support increased urban density and efficient transportation networks and reduce urban sprawl.				
T1.1	coordinated long term planning- future infill and urban sprawl reduction	Coordinate long-term plans with transit agencies to project where increased density would support more transit corridors. Then change zoning/density that would support new transit corridors and variety of household incomes. Promote long-term equity and healthy communities by developing incentives such as density bonuses for development where a percentage of the units will be permanently affordable for household incomes. Look for opportunities to meet the Sustainable Thurston land use vision by reducing urban sprawl.	Individual jurisdictions	Lacey T1. Formally adopted new zoning changes to consolidate two low-low density zoning districts into a single zone allowing for additional housing options, increased densities, and residential affordability. T1.9 Reviewing two additional ADU designs to offer as part of our ADU pre-approved program Olympia T1.1 City Council adopted Ordinance 7335, regarding downtown parking requirements for residential uses. Amendments make the entire area exempt from automobile parking for residential uses and clarify that bicycle parking requirements do apply. T1.4 Neighborhood centers strategy: Community survey conducted. Two pop-up events held to share information and solicit feedback. Participated in community event/eco-tour. Working on draft report. T1.11 Reducing parking standards on urban corridors: Staff have given public presentations on proposed changes are developing a questionnaire to solicit community feedback in October. Regional T1. TRPC revised the criteria used to rank projects in the call for projects process, which will dole out nearly \$11.4 M in funds for local transportation and other projects. One new criterion is the project's location in or near urban centers and corridors. Projects that are within a quarter mile of an urban center or corridor receive the highest rating for the criterion. T1. The Martin Way Corridor Alternatives Report is available now, and provides a preferred alternative to guide the vision for the corridor going forward. The land use preferred alternative includes cultivating dense hubs of affordable housing, services, and gathering places at key nodes along the corridor. Read the report here: https://www.trpc.org/1000/Martin-Way-Corridor-Study Thurston County T1.1 & T1.2 Thurston County Community Planning Department is bringing on a new .5 FTE Associate Planner and may include items in position scope. Tumwater T1. Ongoing implementation of Growth Management Act plans that are intended to direct future growth into urban areas, supporting the expansion of transit and walkable communities.
T1.2	middle-density housing	Reevaluate and change zoning as needed to allow for a range of housing types to promote social economic integration of housing near the region's urban centers or moderate-density zones.	Individual jurisdictions	
T1.3	Eco districts	Identify potential Eco districts to advance innovative district-scale urban development, sustainability, and neighborhood equity. Then make necessary code/zoning changes to support their development and set ambitious performance outcomes to ensure their long-term success.	Individual jurisdictions	
T1.4	20-minute neighborhoods	Increase the number of 20-minute neighborhoods (walkable environment, destinations that support a range of basic living needs and a residential density). Identify key infrastructure components needed to grow the number of 20-minute neighborhoods, then change zoning and codes if needed and coordinate with other jurisdictions to make public investments where necessary.	Individual jurisdictions	
T1.9	ADUs	Amend development codes to allow for attached and detached accessory dwelling units (ADUs) in urban residential areas.	Individual jurisdictions	
T1.11	land use efficiency	Set integrated goals to consider network efficiency and reduce urban sprawl in land use decisions, including how density in certain areas supports transit, increases efficiency of utility service, and other support facilities. Consider vehicle miles traveled (VMT) in identifying locations for large employment facilities.	Regionally coordinated	
T2. Increase efficiency of the transportation system.				
T2.2	transportation efficiency	Fund programs and projects to increase transportation efficiency, reduce delay, and reduce emissions such as signalization coordination improvements along with application of speed harmonization techniques (ex. reevaluate speed limits, roundabouts vs signalized intersection, street connectivity). Added benefits are decreased idling time (pollution) and improve fuel efficiency (cost savings to driver).	Regionally coordinated	Olympia T2.2 Design and right-of-way acquisition continued for Fones Road. T2.2 Working on upgrading signal controller to add new Signal Performance Measures (SPM) software. This software will improve traffic activity monitoring, such as: traffic counting, vehicle arrival times, vehicle delay, and emergency vehicle activations in real time. This data will help us understand traffic flow along a corridor so that we can improve program signal timing adjustments for transit.

	T2.4	vehicle efficiency outreach	Develop educational campaigns about benefits (reduced greenhouse gas emission, increase fuel efficiency, safety) of properly inflated tires, including signage at gas stations and local businesses and partnering with schools.	Supporting Partner (unidentified)	Thurston County T2.2. Thurston County working with a consultant to conduct a study evaluating the amount of congestion on rural intersections. Next step will be evaluating emission levels and identifying appropriate actions for reduction. T2.17. Thurston County is implementing an updated teleworking policy.
	T2.17	teleworking/flex work	Increase opportunities for employee teleworking options and staggering workdays or schedules to reduce employees driving during peak traffic times.	Individual jurisdictions	
	T5.13	telecommuting infrastructure	Develop grants and provide financial resources for installation of infrastructure necessary to support telecommuting.	Regionally coordinated	
T3. Increase adoption of electric vehicles.					
	T3.1	EV parking new construction	Require large commercial and residential buildings to dedicate a percentage of parking spots for electric vehicle charging.	Regionally coordinated	Olympia T3.1/T3.5 Staff developing public outreach plan to solicit stakeholder feedback on EV-readiness proposal for new parking (as directed by Olympia Land Use and Environment Committee). T3. Partnered with Tumwater and Thurston County to submit an Electrification of Transportation Systems grant for a regional project to prioritize and evaluate the readiness of publicly-owned land and facilities to provide public ev-charging infrastructure. Thurston County T3.7. Thurston County Community Planning Department is bringing on a new .5 FTE Associate Planner and may include items in position scope. T3.10. Thurston County has two fully electric vehicles. \$150,000 was allocated for electric vehicle charging stations, project in progress. Tumwater T3.2 and T3.7 do not apply to Tumwater as we do not currently charge for parking nor exclude EV charging through zoning regulations. T3.11 City of Tumwater staff attended an EV Car Show with TCAT at Harbor Days and showed the City's Nissan Leaf.
	T3.2	free EV parking	Allow free parking for all electric vehicles at local government buildings and in city centers to encourage the adoption of all electric vehicles. Increase cost of parking for Non-EV vehicles.	Individual jurisdictions	
	T3.5	EV ready building code	Require all new residential construction be built EV ready. Create a simple and consistent residential charging station permitting process to reduce costs and time to development.	Regionally coordinated	
	T3.7	EV integration	Reevaluate regulations and make necessary changes to ensure charging stations are able to be permitted in locations where they are needed.	Individual jurisdictions	
	T3.10	zero emission fleets	Investigate options then set appropriate timetables and policies for municipal and other governmental entities to replace public fleets with cleaner, energy-efficient vehicles to reduce long term fuel costs, improve air quality, and reduce greenhouse gas emissions.	Individual jurisdictions	
	T3.11	EV education	Partner with environmental and other agencies to increase consumer awareness about EV options and incentives for use and purchase.	Supporting Partner (unidentified)	
	T3.14	EV mass purchase discounts	Create a group purchase program for residents to get deep discounts on EVs, other fuel efficient and alternative fuel vehicles.	Supporting Partner (unidentified)	
	T3.15	EV purchase incentives	Partner with car sale and lease dealerships to provide incentives for purchase of electric vehicles by Thurston County residents. Pilot with those neighborhoods, individuals with greatest VMT potential.	Supporting Partner (unidentified)	
T4. Increase the use of public transit.					
	T4.1	increase transit	Increase local public transit routes/frequency with a focus on ensuring the greatest number of riders have access to a low-carbon transportation option. Any expansion of service should include an analysis of climate impacts to ensure the program does not result in an increase in greenhouse gas emissions.	Supporting partner (IT)	
	T4.3	transit connections	Identify and implement first/last mile, low carbon solutions to connect neighborhoods without the population to support fixed routes to transit options. Engage homeowners associations for representation and feedback. Any expansion of service should include an analysis of climate impacts to ensure the program does not result in an increase in greenhouse gas emissions.	Regionally coordinated	
	T4.4	fareless system	Maintain a fareless system for public transit.	Supporting partner (IT)	
	T4.10	rider education/benefits	Maintain and expand a regional online page that lists all the mode shift education efforts and employer benefits opportunities (Thurston Here-To-There). Include a comments section for suggestions to further transit education and ridership.	Regionally coordinated	
	T4.15	promote transit benefits	Work with employers and transit agencies to develop ways to incentivize employee ridership (ex. rebates for employees who give up use of employer parking facilities).	Regionally coordinated	
T5. Increase use of active forms of travel and more efficient commute modes.					
	T5.1	walk/bike infrastructure	Coordinate bicycle and pedestrian plans of the cities and Thurston County into a large regional plan to expand walking and bicycling infrastructure, including separated and protected opportunities. Coordinate efforts to maximize funding mechanisms and opportunities.	Regionally coordinated	Olympia T5.1 Continued to pursue permits for construction of 1-mile of shared use pathway through Grass Lake Park. Continued to move the Fones Road project forward. Continued to move the Boulevard Road Trail Crossing and Bike Corridor Ext. project forward. Continued to move the State & East Bay project forward. Continued to move the 4th and Plum project forward. Applied for STBG grant for the Elliott Avenue sidewalk. Applied for STBG grant for a scope and pre-design study for Martin Way. Pending WSDOT Ped/Bike Program grant for Downtown to Southeast Bike Corridor. Pending WSDOT SRTS Program grant for Westside Bike Corridor. T5.4 Walk to School Month special recognition and proclamation by City Council on Sept. 25. Back to School Safety Tips article in the Sep/Oct Five Things Utility Bill Insert. TRPC and the Olympia School District collaborated with partners to create Safe Route to School maps for elementary and middle schools to support students who walk/roll to school.
	T5.2	barriers to transportation alternatives	Develop a regional inventory to identify gaps in connectivity for safe cycling and walking. Then develop a strategy to prioritize projects and a plan for funding.	Regionally coordinated	

	T5.4	school drop-off alternative modes	Maintain and expand a walking/biking incentive program with safety education for families.	Supporting partner (IT)	regional T5. Folks throughout the region participated in the Week without Driving from September 19-25. The event encourages people to understand the barriers nondrivers experience in the community, and supports use of public transit and active forms of transportation. T5. The Martin Way Corridor Alternatives Report is available now, and provides a preferred alternative to guide the vision for the corridor going forward. The transportation preferred alternative supports active transportation options through creating bicycle and pedestrian connections and increasing access to transit. Read the report here: https://www.trpc.org/1000/Martin-Way-Corridor-Study Thurston County T5.11. Thurston County Community Planning Department bringing on new .5 FTE Associate Planner and may include items in position scope. Tumwater T5.1. As part of the City's painting and restriping project we increased the width of the non-motorized area on 70th to improve the experience of bicyclists and pedestrians.
	T5.11	mode shift targets and car-free areas	Reevaluate long term plans and update to prioritize pedestrians and people riding bikes. Set goals for mode shift and plans on how to achieve those goals like developing car-free corridors in commercial and mixed use areas to encourage mode shift.	Individual jurisdictions	
Water & Waste					
W1. Increase the efficiency of water and wastewater infrastructure.					
W2. Reduce water consumption.					
	W1.1	municipal energy efficiency	Conduct efficiency improvements to municipal water and sewage treatment systems. Prioritize components that consume the most energy and have high GHG emissions.	Individual jurisdictions	Tumwater W1.1/1.2. The City is under contract with the Department of Enterprise Services for an ESCO to look at water and energy efficiency of all city facilities including water & sewer infrastructure.
	W2.2	water audits	Conduct water audits of city and county facilities to determine prioritization of capital improvements.	Individual jurisdictions	
W3. Reduce emissions from wastewater treatment operations.					
	W3.1	nitrous oxide capture	Research and implement nitrous oxide mitigation strategies and strategies to avoid or reduce nitrous oxide emissions. Present findings and cost vs benefits analysis to policy makers to determine what changes should be made.	Supporting partner (LOTT)	
W4. Divert more solid waste from landfills.					
	W4.4	waste audits	Provide waste audits for business owners and education on practices that decrease waste (ex. Compost, recycling, reuse).	Supporting partner (EDC)	Olympia W4.4 Waste Resources completed 3 waste assessments with city businesses this quarter. 20 assessments completed this year. W4. Residential Composting: Added 112 residential customers for a total of 9488. Commercial Composting: Added 4 new Businesses and lost 4 businesses. Total of 163 participants.
	W4.10	waste less food program	Expand Thurston County's "Waste Less Food" program.	Regionally coordinated	
W6. Reduce consumption of carbon-intensive goods and services.					
	W6.6	supply chain	Provide free technical assistance to local businesses in reducing the carbon intensity of their supply chains.	Supporting partner (EDC)	
Agriculture & Forests					
A1. Reduce emissions from agricultural practices.					
A2. Support agricultural practices that sequester carbon.					
	A1.2	nutrient management	Provide education and incentives (e.g., grants, loans, technical assistance) reduce nitrous oxide emissions when managing fertilizer.	Supporting partner (TCD)	
	A2.1	regenerative agriculture	Expand regenerative agricultural practices among farmers that aim for a "whole farm" approach. Provide education on how to increase organic matter content and water retention in soils within urban and agricultural settings.	Supporting partner (TCD)	
A5. Manage forests and other ecosystems to sequester carbon.					
	A5.1	reforestation & afforestation program	Develop a coordinated reforestation/afforestation program. Begin by identifying priority areas where reforestation and afforestation may have carbon reduction benefits.	Regionally coordinated	Thurston County A7.3. The Thurston County Habitat Conservation Plan was federally approved in July 2022, and will be implemented in 2023.
	A7.3	prairie preservation	Support aggressive implementation of habitat conservation plans that provide for preservation and restoration of prairie habitat for endangered and threatened prairie species.	Regionally coordinated	
A6. Reduce emissions from the urban landscape.					
	A6.5	municipal canopy	Maximize tree canopy on jurisdiction owned or managed land, where appropriate in balance with other jurisdictional goals.	Individual jurisdictions	Lacey A6. Increased Tree Protections: Permit thresholds for residential lots changed from 5 trees in a 3-year period to 3 trees in a 5-year period reducing the number of trees that can be removed through this application process and extending the review horizon for potential residential tree removal. Olympia A6. Continued work with consultant to develop land cover and tree canopy assessment. A6. Completed update of habitat stewardship GIS systems to better prioritize future restoration and planting projects. Thurston County

	A6.9	tree canopy preservation	Develop a tree canopy ordinance that establishes a baseline for current urban canopy and sets goals for future canopy to increase resilience. Combine direct cooling value (urban heat island mitigation) with carbon sequestration value when evaluating urban tree management.	Individual jurisdictions	<p>Thurston County A6.5. Thurston County will include work on municipal canopy as a part of the Healthy Forest project and will occur with the joint code update. A6.9. Development Code Docket Item A-25, Amend the Forest Lands Conversion Ordinance and Review Rural Tree Protection Standards, is included as number 7 in the list of priorities for the 2022-2023 Development Code Docket. As part of this larger project, Thurston County contracted with TRPC to 1. conduct an analysis of where forest land conversions have occurred and the associated impacts to rural tree canopy and 2. produce a corresponding map product. The TRPC contract analysis was completed.</p> <p>Tumwater A6.9. The City of Tumwater kicked-off its Tree & Vegetation Preservation Ordinance and Street Tree Plan/Ordinance work with a consultant.</p>
Cross-cutting					
G1. Conduct education and outreach across climate mitigation areas.					
	G1.7	social research and behavior change campaigns	Work with higher education institutions to research effective behavior change through marketing and education. Use this information in developing campaigns to reduce high emissions greenhouse gases.	Regionally coordinated	
G4. Enhance monitoring and evaluation of climate mitigation measures and outcomes.					
	G4.1	emissions inventory	Prepare and publish an annual emissions inventory that tracks greenhouse gas emissions by jurisdiction and source category. Review and update emissions inventory methodology as necessary to address improvements to data or methodologies, improve consistency, incorporate changes to state or federal policies, or report on issues of local interest.	Regionally coordinated	<p>Regional G4.1 Work continues on the 2021 countywide greenhouse gas inventory. The inventory will be finalized by the end of the year, and include some new emissions sources not previously included in county inventories.</p>
	G4.2	performance measures	Develop performance measures to determine progress toward greenhouse gas reduction targets and other regional goals. Regularly update and publicize for community to track their progress.	Regionally coordinated	
	G4.3	other emission sources and sinks	Expand sources and sectors in future emissions inventories to inform future regulatory policy to reduce greenhouse gas emissions. Connected to actions T1.5 and W6.1, and sequestration actions.	Regionally coordinated	
	G4.4	vulnerable populations	Develop a data and monitoring mechanism that is specific to marginalized groups and their needs related to climate change and climate reality (e.g., access to transportation, access to A/C, proximity to cooling centers) and develop a plan to address these vulnerabilities with solutions that help reduce GHG emissions.	Regionally coordinated	
	G4.6	social cost of carbon	Develop and adopt policies that require the use of a "social cost of carbon measure" in zoning, development, construction, and transportation decisions.	Regionally coordinated	
G5. Advocate for climate-mitigating state and federal policy.					
	G5.5	legislative agenda	Prioritize climate mitigation policy in the municipalities' legislative agenda each year. Instruct municipal lobbyists to track and report on climate bills, and advocate for those bills that will help reduce local emissions. Work with other jurisdictions across the state to add this to the priorities for the Association of Washington Cities and Washington State Association of Counties.	Legislative agenda	<p>Olympia G5. Olympia City Council provided written comment to the State Building Code Council in support of the residential energy code proposals that would improve energy efficiency and indoor air quality, and accelerate the transition to clean energy in new residential construction.</p>