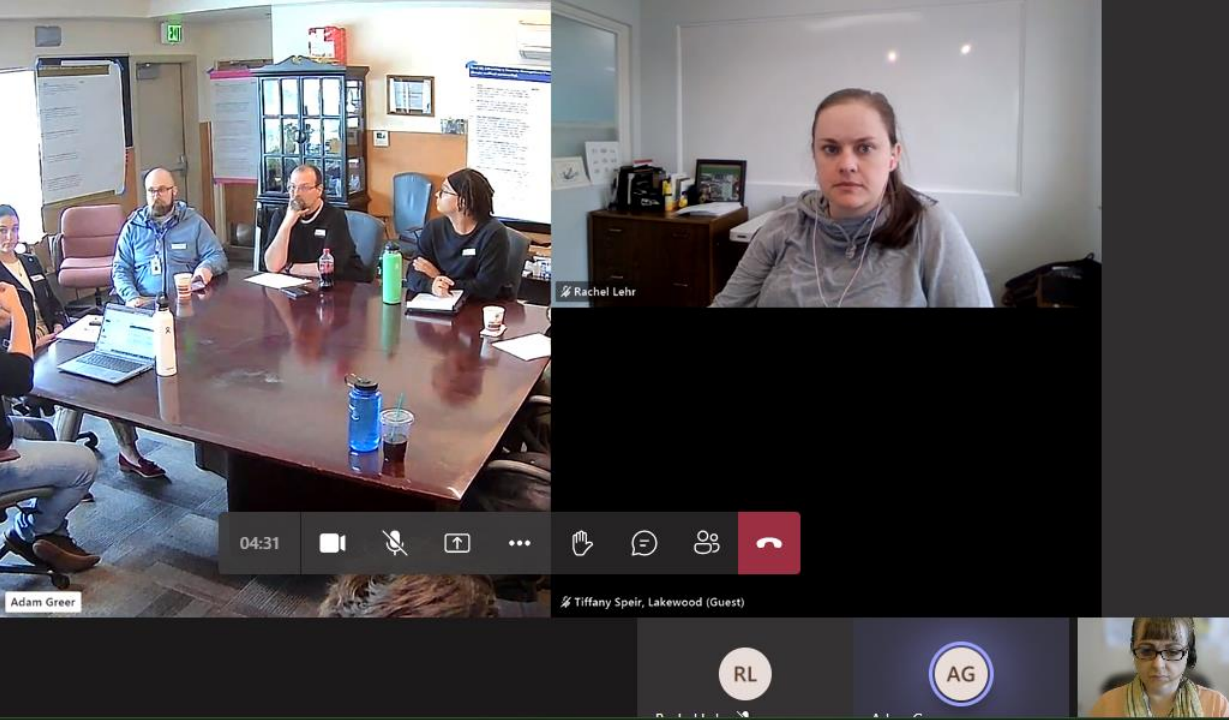




3/28/23 24CPPR St Comm Mtg #2





## PROCESS



---

## ENERGY AND CLIMATE CHANGE CHAPTER DISCUSSION



---

## ENERGY AND CLIMATE CHANGE CHAPTER GOALS

1. Provide Leadership in Managing Climate Change
2. Improve Clean and Efficient Transportation Options
3. Increase Sustainable and Energy-Efficient Systems
4. Encourage Sustainable Development
5. Develop a Hazards Management Plan





# ENERGY AND CLIMATE CHANGE CHAPTER GOALS

1. Provide Leadership in Managing Climate Change
2. Improve Clean and Efficient Transportation Options
3. Increase Sustainable and Energy-Efficient Systems
4. Encourage Sustainable Development
5. Develop a Hazards Management Plan



6

The screenshot displays a Miro collaborative workspace. At the top, there is a meeting interface with three video thumbnails: a group of people in a meeting room, a circular avatar labeled 'RL', and a circular avatar labeled 'JH'. Below the meeting interface is the Miro toolbar, which includes icons for navigation, editing, and sharing. The main workspace contains a diagram titled 'Engagement Strategies' with three main boxes: 'SURVEY', 'FOCUS GROUP', and 'POP UP EVENTS'. Each box contains several small colored sticky notes. A yellow callout bubble labeled 'Bon Han' is positioned below the 'FOCUS GROUP' box. On the right side of the workspace, there is a large grid of colorful sticky notes in various colors (blue, green, yellow, pink, orange). The bottom right corner of the workspace shows a zoom level of 4% and a help icon.

|            | Goal  | Comments from 3/28/23 Steering Committee Mtg 2   | BERK Comment  |
|------------|---|--|---|
| Goal EC 1: | <b>Provide Leadership in Managing Climate Change</b>  |  |   |
| EC 1.1     | Provide Leadership and Advocacy: The success of climate change initiatives depends on collaborative approaches. Lakewood will take a leadership role in advocating for local and regional climate change solutions, forge new 144 partnerships, develop innovative solutions, and continue to support and promote regional climate change and sustainability efforts. | <p>~Branding. Address wrong presumptions about Lakewood</p> <p>~Leader of technology transportation</p> <p>~Incentive homeownership. Address gaps to own housing</p> <p>~City should Address language barrier</p> <p>~We don't want to be just a bedroom community. More businesses here in Lakewood.</p> <p>~Who are the climate leaders within the City already? Who is doing the work in the area already - Pierce Conservation District,</p> |   |
| A          | Develop a five-year plans for reducing greenhouse gas emissions. The action plan shall include five-main topics:  |  |   |
|            | <ul style="list-style-type: none"> <li>▪ Incorporation of an environmental justice assessment into the five (5)-year action plan;</li> </ul>  |  |   |
|            | <ul style="list-style-type: none"> <li>▪ A comprehensive greenhouse gas emissions inventory and forecast;</li> </ul>  |  |   |
|            | <ul style="list-style-type: none"> <li>▪ Emissions reduction target(s);</li> </ul>  |  |   |
|            | <ul style="list-style-type: none"> <li>▪ Carbon sequestration targets; &amp;</li> </ul>   |  |   |
|            | <ul style="list-style-type: none"> <li>▪ A program for monitoring and reporting out the implementation tasks found in this document.</li> </ul>   |  |   |
|            | Since this is a new program for the city, start with easy-to accomplish tasks, or easy to solve problems.   |  |   |
|            | Also, consider the impact of the end-user, recognizing that that the more stringent the implementation targets, the higher the mitigation costs, although delays, in the long term, result in net increases in mitigation costs. As the city matures in its efforts to address climate change, move forward with more challenging action items.                       |  |   |
| B          | Inform city residents and businesses, the city council, planning commission, staff, and other stakeholders of the city's emission reduction targets and overall progress. Add targets and progress to the Lakewood dashboard  |  |   |
| C          | Where feasible, enter into formal interlocal cooperation agreements with utility providers to reduce waste, promote water conservation, and improve energy efficiencies.  |  | Lakewood has three utility partners in Lakewood. The policies under goal 3 should service as a template for interlocal agreements               |
| D          | Collaborate with Pierce Transit, Sound Transit, WSDOT Rail Division, Amtrak and major employers in Lakewood to promote greater transit opportunities and use.   |  | Lakewood should should use the policies under Goal 2 items to enter an interlocal agreement with Pierce County, Sound Transit, WSDOT and Amtrak |

|                      |   |   |  |
|----------------------|---|---|--|
| E                    | Amend/revise the current strategic plan that will help guide and focus city resources and program initiatives to (1) reduce greenhouse gas production and the carbon footprint of city government and the Lakewood community, and, (2) reduce and minimize the potential risks of climate change.   |   |  |
| F                    | Undertake a policy review of the HEAL Act, city comprehensive, strategic, and subarea plans to assure that city policies are appropriately targeted to prepare for and mitigate potential impacts of climate change.  |   |  |
| G                    | Collaborate with neighboring jurisdictions to share best practices and implement regional programs to help residents and businesses meet regional demand reduction targets.   |   |  |
| H                    | Work with energy providers (Puget Sound Energy, Lakeview Light & Power, and city of Tacoma Power) to develop strategies that will reduce energy demand and promote energy conservation.   |   |  |
| I                    | Collaborate with local workforce development programs so that city of Lakewood can lead Pierce County in green jobs   |   |  |
| J                    | If warranted, if enabling legislation is in place, and as a means to meet carbon cutting targets, participate in Washington State's cap-and-trade program. (Program does not go into effect until January 2023, and provided there is a new, approved transportation spending funding package.)   |   |  |
| <b>Policy EC 1.2</b> | Increase Public Awareness and Support: Encourage residents and businesses to reduce their carbon footprint by raising their awareness about the impacts of climate change and by building support for climate change initiatives in Lakewood.   | <p>~It has to pay to recycle. Bring back rebate and provide education on recycling</p> <p>~Is this the city's role? Take out...? City has responsibility to make it easier for people, not just tell people</p> <p>~swap businesses and residents since business is a greater source of greenhouse gases than individual residents?</p> <p>~What's that saturation of climate change awareness docs/resources v action steps? Can we borrow things from other people/orgs so that we spend resources on action?</p> |  |
| A                    | Develop a Request for Proposal whose primary objective is to raise the community's awareness about sources of greenhouse gas emissions and mitigation through climate change action identified in policy documents with the intended result of changing behaviors. Three primary tasks are envisioned: 1) Identifying behavior solutions to reducing GHG emissions; 2) development and implementation of a community education, engagement, and activation guide; and 3) development of public facing tools. Project to include an equity screening exercise. Successful engagement with historically underserved groups would be a priority2 . |   |  |
| <b>Goal EC 2:</b>    | <b>Improve Clean and Efficient Transportation Options.</b>  |   |  |

|               |   |  |  |
|---------------|---|--|--|
| Policy EC 2.1 | Increase Use of Energy Efficient Vehicles and Equipment: Encourage the use of energy efficient vehicles and equipment to reduce energy consumption and carbon emissions and support the use of low-emission or renewable fuel vehicles by residents and businesses, public agencies and city government.  | <p>~Shouldn't be top goal</p> <p>~How practical is electrifying a fleet that isn't aging fast? And with electric buses that have 3 hours max of run time?</p> <p>~Electric buses is Local PT (cant read??) electrify vehicles</p> <p>~Electric car charging station</p> <p>~Tillicum + Woodbrook improve multimodal transportation</p> <p>~length of transit on public systems v cars? what is it like to walk on bridge over freeway?</p> |  |
| A             | Develop fleet electrification plan including necessary charging infrastructure and implement electric first policy when purchasing replacement vehicles and other fuel burning equipment. When electric vehicle options are inappropriate, hybrid vehicles should be the second choice.   |  |  |
| B             | Work with Clover Park School District to promote an anti-idling program for school buses. Encourage the District to educate parents and transportation providers to avoid idling during pick-up/drop-off times.   |  |  |
| Policy EC 2.2 | <b>Expand Affordable Public Transit.</b> Public transit provides an environmentally friendly, cost-effective, and equitable mode of travel for residents and visitors. Lakewood will coordinate with regional transportation agencies and support enhanced and expanded public transit to improve mobility options for residents and visitors. Encouraging transit-supportive development patterns can further maximize the efficiency of these systems and help reduce air pollution and greenhouse gas emissions within Lakewood. | <p>~Solar on government/transit properties?</p> <p>~Prioritize this over 2.1</p> <p>~Electric buses are great!</p> <p>~Parking management: Charge visitors</p>   | <b>advocate for transit improvements in Lakewood</b> |
| A             | Continue to collaborate with Pierce Transit, Sound Transit, Washington Department of Transportation (WDOT), and major employers in Lakewood that provide shuttle services, to explore the potential for expanding transit in the evenings for people with special needs. This includes:   |  |  |
|               | <ul style="list-style-type: none"> <li>▪ Exploring the potential to enhance Lakewood's paratransit service.</li> </ul>  |  |  |
|               | <ul style="list-style-type: none"> <li>▪ Collaborate with regional transportation agencies to maintain and enhance service within the city and region.</li> </ul>   |  |  |
|               | <ul style="list-style-type: none"> <li>▪ Explore strategies to address affordability, access and safety.</li> </ul>   |  |  |
| B             | Coordinate and partner with transit partners to develop an incentives program to expand transit use among residents and employees in Lakewood.  |  |  |
|               | This includes exploring the potential for supporting fare-free transit zones in major commercial areas, free or very low-cost bus passes for target groups, pre-tax passes, rebates to employees who give up use of employer parking facilities, and online tools for providing real time information to transit riders. Expand outreach and information programs to promote transit use  |  |  |
| C             | Coordinate with both Pierce Transit and Sound Transit to expand service, increase affordability and accessibility for seniors, youth, and low-income households. Ensure that all transit stations and routes to and from these stations are safe  |  |  |



|                      |   |  |  |
|----------------------|---|--|--|
| D                    | Coordinate with both Pierce Transit and Sound Transit to ensure public transit service connects major destinations in Lakewood including education institutions, community facilities, employment centers, regional open space areas, and major commercial corridors to serve a greater number of riders and reduce commuter vehicle miles. Encourage development of a bus rapid transit system that connects Downtown Tacoma to Lakewood.                        |  |  |
| E                    | Work with both Pierce Transit and Sound Transit to develop a non-motorized connectivity study specific to Lakewood.   |  |  |
| <b>Policy EC 2.3</b> | Develop Safe and Convenient Walking and Bicycling Routes. Prioritize and incentivize walking and bicycling as safe and convenient modes of transportation.  | ~ Repeat from Goal 4<br>~ Get away from arterial roads<br>~Exit 122- no road. Improve transit access in Tillicum to Lakewood<br>~this seems like a great, low-hanging fruit that has benefits beyond climate change. easier buy in if making streets better for humans than cars |  |
| A                    | Update the city's non-motorized transportation plan to make Lakewood a more pedestrian and bicycle-friendly city. This includes identifying gaps in the network and explore developing potential pedestrian and bicycle priority areas or districts.  |  |  |
| B                    | Collaborate with Pierce County, University Place, the Town of Steilacoom, Tacoma, and WSDOT to ensure links to a regional commuter trail network.   |  | Take out and coordiante with jurisdictions |
| C                    | As part of the non-motorized transportation plan update, explore bicycle-sharing programs.  |  |  |
| D                    | Encourage new businesses, schools and residential developments, install and maintain secured bicycle parking facilities   |  |  |
| E                    | As part of the non-motorized transportation plan update, review design guidelines and standards for bicycle and pedestrian facilities and amenities that meet local, state and federal standards. Include a uniform citywide signage plan and comply with all Americans with Disabilities Act (ADA) and Washington State accessibility requirements.  |  |  |
| F                    | As feasible and appropriate, the city shall require new development and redevelopment to provide pedestrian connections and safety improvements to foster use of non-motorized transportation. This includes connections between retail, living, and working places and transit connections and facilities. It includes traffic calming and other safety-related improvements; development of new sidewalks and trails; and new pedestrian and bicycle amenities. |  |  |
| G                    | Pursue grant funding to plan and construct missing pedestrian and bicycle connections between major destinations, such as, parks, opens spaces, civic facilities, employment centers, retail, and recreation areas.   |  |  |
| H                    | Coordinate and partner with the Clover Park School District and Safe Routes to Schools to expand educational programs and events to encourage and promote walking and biking, including a Bike to School Day, walking school bus, and sidewalk painting for safe routes.  |  |  |
| <b>Policy EC 2.4</b> | Expand Regional Passenger Rail. Work with Amtrak and Sound Transit to expand commuter rail service and existing parking facilities.   |  |  |

|                      |   |   |  |
|----------------------|---|---|--|
| A                    | Coordinate with Washington State Department of Transportation, Sound Transit, and Amtrak about adding an Amtrak Cascades stop within the city.  |   |  |
| B                    | Work with Sound Transit to provide for extended hours of operations at the Sound Transit Lakewood Station and to expand the existing parking garage.  |   |  |
| C                    | Work with Sound Transit to require parking permits and associated fees for commuters who use the Lakewood Station parking garage, but who reside outside the Sound Transit district area boundary.  | Do we want to disincentivize visitors?  |  |
| <b>Policy EC 2.5</b> | Reduce Private Automobile Use: Work toward creation of an urban landscape that will reduce reliance on private automobiles through land use planning and by providing amenities and infrastructure that encourage safe and convenient use of public transit, walking and bicycling. | ~s this worth begin a seperate item or should it be integrated into EC2.3?  |  |
| A                    | Coordinate with Lakewood Chamber of Commerce to inform local employers on the options for and benefits of compressed work weeks, telecommuting, and other schedule adjustments that reduce commute trips.   |   |  |
| B                    | Refer to Action Items EC2.1 B AND EC2.3 A – H.  |   |  |
|                      |   |   |  |
| <b>Goal EC 3:</b>    | <b>Increase Sustainable and Energy-Efficient Systems.</b>   | ~Can the city do all of this?   |  |
| <b>Policy EC 3.1</b> | 1 Expand Renewable Energy: Promote the generation, transmission and use of a range of renewable energy sources such as solar, wind power and waste energy to meet current and future demand.  | ~Waste energy? Do we have in Washington?<br>~SOLAR ENERGY<br>~Solar produces lots of GHG to produce and update is incredibly expensive and arduous<br>~how to ensure RHSP costs not passed onto tenants?! |  |
| A                    | Encourage and support the generation, transmission and use of locally distributed renewable energy. Advocate at the regional and state level for upgrades to the existing power grid so that it can support renewable energy production and transmission.                           |   |  |
| B                    | Evaluate incentives that promote the inclusion of solar power with commercial, industrial, and residential development.   |   |  |
| C                    | Establish a Green Energy and Building Fund to provide incentives to increase building electrification conversions and battery storage   |   |  |
| D                    | Reduce the City Hall footprint from three floors to two floors.   |   |  |
| <b>Policy EC 3.2</b> | Promote Energy Efficiency and Conservation: Promote efficient use of energy and conservation of available resources in the design, construction, maintenance and operation of public and private facilities, infrastructure and equipment.  | ~Lol class to consume (media)<br>~Work with land lords and renters on education   |  |
| A                    | Work with all utility providers to raise awareness about existing rebate and assistance programs that will increase energy conservation.  |   |  |
| B                    | Work with utilities to explore strategies to reduce GHG emissions in multifamily housing.   | ~How will this affect affordability? E.G PSE gas ban  |  |

|                      |   |   |  |
|----------------------|---|---|--|
| C                    | If necessary, consider financially subsidizing the RHSP to promote energy conservation for rental properties. Alternatively, increase rental housing licensing fees.  |   |  |
| <b>Policy EC 3.3</b> | Promote Solid Waste Reduction and Recycling: Promote waste reduction and recycling to minimize materials that are processed in landfills.   | ~Teaching people how to throw away separate waste<br>~Who is trash provider in Lakewood - LeMay? Should they be part of these convos? Because trash/recycle programs are only effective if they are on board and offering the service |  |
| A                    | Support the implementation of the Tacoma-Pierce County Solid Waste Management Plan.   |   |  |
| B                    | Develop a comprehensive recycling and composting program for all city-owned facilities.   |   |  |
| C                    | Work with Pierce County Conservation District to provide residential and business education regarding composting and natural yard care.   |   |  |
| D                    | Continue to support neighborhood events such as garage sales and clean-up/recycling events.   |   |  |
| E                    | Support tool libraries, repair cafes, and other collaborative consumption projects  | ~3.3E RTSS is part of tool and repair convos in the area. We'd love to help!  |  |
| F                    | Require that all commercial entities participate in recycling and a green waste program, once established.  |   |  |
| <b>Policy EC 3.4</b> | Promote Water Conservation and Reuse: Promote water conservation and recycled water use to reduce energy use associated with wastewater treatment and management.   | ~ How will retrofitting be funded?<br>~cost of changing irrigation system v savings? seems like an expensive project with potentially low ROI?  |  |
| A                    | Implement water conservation efforts for households, businesses, industries and public infrastructure. Include measures such as the following:  |   |  |
|                      | ▪ Enforce the Uniform Plumbing Code (IPC), which requires low-flow appliances and fixtures in all new development;  |   |  |
|                      | ▪ Work with the Lakewood Water District to create an incentives program that encourages retrofitting existing development district-wide with low-flow water fixtures;   |   |  |
|                      | ▪ Require new development and landscaped public areas to use state of-the-art irrigation systems that reduce water consumption including graywater systems and rainwater catchment; and   |   |  |
|                      | ▪ Encourage use of drought-tolerant and native vegetation.  |   |  |
| B                    | Install hydration stations in all municipal facilities to allow refills of reusable water   |   |  |
| C                    | Require hydration stations all new development that includes private and public parks   |   |  |
| <b>Policy EC 3.5</b> | Incorporate Sustainable Practices in City Government Operations: Promote climate friendly standards, practices, technologies and products in all city facilities and operations. Lead by example to reduce greenhouse gas emissions by incorporating best practices and available technologies. | ~Confusion on who to call of all 3 utilities  |  |
| A                    | Refer to Action Items EC 1.1 G and EC 2.1 B.  |   |  |
| B                    | Establish a trip reduction policy that includes a remote work strategy, and appropriate technology.   |   |  |

|                      |   |  |  |
|----------------------|---|--|--|
| C                    | Conduct a feasibility study on using treated greywater and rainwater harvesting for non-potable water needs at city facilities  |  |  |
| D                    | Work with energy partnerships to develop and implement an electrification action plan for all city facilities. In new and existing buildings, incorporate strategies to address electricity storage, and focus on highlighting any hurdles or solutions that would be applicable to the broader community                               |  |  |
| E                    | Develop a city-wide environmentally preferable purchasing policy (EPP). Consider life-cycle costing as one of the decision-making tools in the process and promote purchasing of local products.  |  |  |
| F                    | Replace all non-energy star office equipment and appliances at their end of their life cycle with energy and water efficiency as a primary consideration for all future purchasing decisions.   |  |  |
| G                    | Examine city practices for opportunities to reduce paper consumption in the workplace. Implement a document management information system.  |  |  |
|                      |   |  |  |
| <b>Goal EC 4:</b>    |   | <ul style="list-style-type: none"> <li>~Communication channels, language support</li> <li>~Remove barriers to new businesses/properties w/ permit mitigation etc</li> <li>~Building multifamily dwellings with commercial buildings</li> <li>~Code- streamline</li> <li>~Lakewood "Stuck in permits" is Perceived reputation. Reality: we're not perfect but we're trying.</li> <li>~Tillicum needs sustainable development and road</li> <li>~C fee waivers and implementing development fee feels contradictory</li> <li>~Fees: What's going up us away</li> <li>~Increasing planting in Row is great. City owns responsibility</li> </ul> | <b>Encourage Sustainable Development</b> |
| <b>Policy EC 4.1</b> | Promote Mixed-Use and Infill Development Promote mixed-use, high-density, infill development on vacant and underutilized parcels along commercial corridors, in the Downtown area, and in the Lakewood Station District.  | <b>~How would this connect to plans that City of Tacoma has, especially along South Tacoma Way?</b>  |  |
| A                    | Regularly update the Downtown Subarea Plan and the Lakewood Station District as market conditions and climate conditions change   |  |  |
| B                    | Develop plans for key commercial corridors in the city to guide redevelopment of these areas into mixed-use, pedestrian and transit-oriented corridors and nodes. Possible corridors include South Tacoma Way, Steilacoom Boulevard SW, Bridgeport Way, and Union Avenue SW. Include development standards and urban design guidelines. |  |  |
| C                    | Continue to incentivize mixed-use and infill development (fee waivers, density bonuses, development impact fee, tax benefits, etc.)   | ~C and D seem like they can be in conflict with each other - which is the priority? how are areas going to be ID as better for mixed use v green space?  |  |
| D                    | Continue to expand and enhance open space lands throughout the city through property acquisition.   |  |  |
| E                    | Conduct a sustainability audit that evaluates existing plans, ordinances, and development standards to identify regulatory barriers to infill development   |  |  |

|                      |  |  |  |
|----------------------|--|--|--|
| F                    | Conduct a feasibility study to determine how best to allow alternative uses and designs within vacant low-density residential areas. Provide outreach in identified neighborhoods  | ~F needs to be an equity priority because these could be the types of neighborhoods where the most vulnerable live. We can't make choices that kick them out.  |  |
| G                    | Consider the use of incentives for new construction projects that exceed energy efficiency standards with a focus on affordable and multifamily housing.   |  |  |
| H                    | Using the data from the Carbon Sequestration Analysis described in task EC 4.3 C and D, complete an analysis and findings of forested landscapes, ecological function and ecosystem processes, including carbon sequestration, into land use decisions. The city shall keep statistics from each land use decision for a biannual report.  |  |  |
| <b>Policy EC 4.2</b> | Develop Compact Walkable Neighborhoods and Livable Streets. Promote safe and walkable neighborhoods and inter-connected streets through the design of complete streetscapes, public gathering places and all types of physical development that encourages less vehicle use.   | ~Don't want to walk on Bridgeport and any street that crosses I-5. Widen sidewalks- it has to be desirable. People drive fast and it's scary to be so close.<br>~this needs to be in conversation with the transit related priorities - street design for people v street design for public transit, etc can be in conflict if developed independently |  |
| A                    | Review and if appropriate, update the city's street design standards so that they support public transit, and non-motorized transportation policies. The updated standards should be consistent with and tailored to street or trail function and adjacent land use type.  |  |  |
|                      | ▪ Update street design standards based on recommendation from the updated nonmotorized transportation plan.  |  |  |
|                      | ▪ Identify on a case-by-case basis priority thoroughfares for developing new green streets in the city to implement a natural systems approach for stormwater management and to expand urban greenery.   |  |  |
| B                    | Evaluate the feasibility of reducing the number or width of travel lanes on future, key mixed-use streets that may have excess capacity and using the capacity and/or regained width for wider sidewalks and bicycle lanes.  |  |  |
| <b>Policy EC 4.3</b> | Encourage Green Buildings and Landscaping: Encourage the use of green and sustainable development standards and practices in planning, design, construction and renovation of facilities; promote the use of green streets that incorporate extensive landscaping, pervious surfaces and native planting; encourage new development and redevelopment projects to be LEED-certified green buildings; and promote ecologically-sensitive approaches to landscaping. | ~% of greenery per building/area<br>~low-tech sustainable design tactics can be helpful for residential applications along side/in lieu of LEED  |  |
| A                    | Ensure that roadway medians include native plants and trees and are wide enough to support their long-term viability with the least demand for irrigation and maintenance.   |  |  |
| B                    | Continue to prioritize the use of locally propagated native drought-tolerant vegetation and discourage the use of invasive non-native species in home landscaping.   |  |  |
| C                    | Develop and promote an urban forest management/ master reforestation plan.   | ~how does new city law/code around trees interact with EC4.3C?   |  |
| D                    | Evaluate the feasibility of expanding tree planting within the city, including an evaluation of potential carbon sequestration as well as GHG emissions. Specific tasks include:   |  |  |



|                      |   |  |  |
|----------------------|---|--|--|
|                      | Provide information to the public, including landscape companies, gardeners, and nurseries, on carbon sequestration rates, drought tolerance, and fire resistance of different tree species.  |  |  |
| E                    | Evaluate the benefits and tradeoffs of regulations that require all-electric buildings. Potential tools to require allelectric buildings include city mandates, building code updates, or ordinances. Ideally, these regulations would cover new construction and major renovations   |  |  |
| F                    | Install energy efficient appliances; where appropriate consider the conversion of power to all electricity, and upgrade structures to improve energy conservation.  |  |  |
| G                    | Beginning in 2021, adopt and enforce the 2018 Washington State Energy Code.   |  |  |
| H                    | Enforce the 2018 International Building Code, Section 429, Electric Vehicle and Charging Infrastructure. This section includes charging infrastructure for accessible parking spaces.   |  |  |
| I                    | Develop a new program to encourage the installation of public electric vehicle charging infrastructure in public spaces.  |  |  |
| J                    | Consider local amendments to the building codes to allow for, encourage, or require integration of passive solar design, green roofs, active solar, and other renewable energy sources  |  |  |
| K                    | Support the addition of performance-based alternatives to energy codes and appropriate sections of the building code  |  |  |
| <b>Policy EC 4.4</b> | Promote Green Infrastructure: Develop green infrastructure standards that relies on natural processes for stormwater drainage, groundwater recharge and flood management. (Green approaches for infrastructure development are environmentally and fiscally efficient and provide long-term benefits to the community by reducing energy consumption and maintenance and capital improvement costs.)            | ~Require/use green infrastructure when developing<br>~Pierce Conservation District + their Creekshed programs?   |  |
| A                    | Refer to Actions Tasks in EC 4.3.   |  |  |
| B                    | Evaluate the feasibility of incorporating Washington State Department of Commerce Incentivizing Low-impact Development report into the development code and as a resource for developers.   |  |  |
| C                    | Evaluate the feasibility of creating a sustainable site planning score to evaluate a development.   |  |  |
| <b>Policy EC 4.5</b> | Encourage Local Food Systems (Urban Agriculture): Collaborate with local urban agriculture advocates to identify sites with urban agriculture potential. Urban agriculture has the potential to supplement the availability of fresh fruit and vegetables in the community, provide economic opportunities to Lakewood residents, lower food costs, reduce overall energy consumption and build social cohesion | ~Expand community gardens (Harvest pierce county grants, ARPA funding)<br>~This also seems like a great, low-hanging fruit, easy buy in priority that benefits in several ways. doesn't have to be pitched as a climate focus in case people are resistant/burnt out on climate talk.<br>HUG, EFN, others in PC are doing this work, so there are plenty to learn from |  |
| A                    | Assess opportunities for sustainable Urban Agriculture. Work with non-profits and regulatory agencies to explore the potential for creating, expanding and sustaining local urban agriculture, including community gardens, orchards and farmers' markets. The assessment should explore the feasibility of implementing the following strategies:  |  |  |
|                      | ▪ Developing a site inventory and a management plan to administer the use of potential urban agricultural sites;  |  |  |

|                      |  |  |  |
|----------------------|--|--|--|
|                      | <ul style="list-style-type: none"> <li>▪ Expanding the number and frequency of farmer's markets throughout Lakewood;</li> <li>▪ Promoting urban agriculture as a desirable civic activity that improves the quality of urban life, food security, neighborhood safety and environmental stewardship;</li> <li>▪ Establishing a community-based support system for urban growers such as tool banks, shared processing facilities, farmers' markets, community supported agriculture ventures, funding streams and technical service providers;</li> <li>▪ Offering locally grown food to local schools, hospitals, nursing homes, food banks, daycare centers, correction facilities and businesses such as restaurants, while creating economic opportunities for urban growers and related industries;</li> <li>▪ Creating training programs for unemployed people to work in urban food-related businesses as a source of jobs;</li> <li>▪ Working with representatives of community gardening and urban farming organizations to meet needs unique to urban farm enterprises;</li> <li>▪ Ensuring long-term land commitment for community gardens, entrepreneurial farms and other urban agriculture ventures;</li> <li>▪ Updating building codes to encourage rooftop gardening.</li> </ul> |  |  |
| B                    | Coordinate with Clover Park School District in developing school-based programs that integrate nutrition and gardening in order to raise awareness about the connection between healthy food choices and locally grown fresh produce and the environmental benefits of urban agriculture.  |  |  |
| <b>Goal EC 5</b>     |  |  | <b>Develop a Hazards Management Plan (developing a climate resilient community).</b> |
| <b>Policy EC 5.1</b> | Avoid and Minimize Impacts: When considering climate change impacts, first seek to avoid impacts altogether, then minimize them, and finally, adapt to the unavoidable impacts as much as possible.  | ~Have to think about the next generation   |  |
| A                    | Refer to Action Items listed in EC 2.1, 2.3, 3.3 - 3.5, and 4.1 - 4.3.   |  |  |
| <b>Policy EC 5.2</b> | Identify Risks: Improve the ability to identify areas prone to greater risk from climate change hazards and restrict development and redevelopment in those areas. Increase support for mapping and data collection of high-risk areas.  | ~ Super important for equity. Having data and giving to council members for them to make decisions about sending money and resources to the people who need it most. Need for good data systems to be accessible for residents<br>~Make data available! +1 |  |
| A                    | Perform a climate change assessment report for the community's lakes.  |  |  |
| B                    | Develop a community wildfire protection plan using community assistance grants.  |  |  |
| C                    | Review, and as appropriate, update Lakewood Municipal Code based on Community Wildfire Protection Plan recommendations and best management practices   |  |  |
| D                    | Review, and as appropriate, update Lakewood Municipal Code (LMC) Title 14, Environmental Protections. Title 14 provides regulations for geologic hazard areas, flood hazard areas, and critical lands and natural resources. Climate change impacts may require that new regulations be inserted into this chapter   |  |  |

|                      |  |   |  |
|----------------------|--|---|--|
| E                    | Refer to Action Items EC 1.1 A and F   |   |  |
| <b>Policy EC 5.3</b> | Align Plans and Strategies: Align land use, hazard mitigation, transportation, capital improvement, economic development, and other relevant plans. All of the community's plans, land use, hazard mitigation, transportation, capital improvement, economic development, and other relevant plans, should be working toward the same goals, and their performance measures, indicators, and policy recommendations aligned. | ~referring to the language "same goals") Maybe goals aren't same but are complimentary and could offset impacts   |  |
| A                    | Refer to Action Items EC 1(C) and EC 1(D).   |   |  |
| <b>Policy EC 5.4</b> | Prepare a Hazard Management Plan: Develop a comprehensive approach to hazards management planning to include possible climate change scenarios and includes both pre-incident and post-incident responses.   | ~Prioritize flooding. Any land can be used for green space<br>~Look at impacts of wildfire smoke. Building standards and people in old houses/experiencing homelessness. Money for low-income people to update homes.<br>~update these based on other sections, most is long term.. how do short term goals slot into all of these? |  |
|                      | ▪ Develop post-disaster redevelopment plans.   |   |  |
|                      | ▪ Expand federal and state support for climate-related hazards management.   |   |  |
|                      | ▪ Continue to coordinate and cooperate with the hazards-management community.  |   |  |
| A                    | Review, and as appropriate update the city's hazard mitigation plan to address climate change.   |   |  |
| <b>Policy EC 5.5</b> | Adopt and Enforce Building and Energy Codes: As required by Washington State, update building and life safety codes to better address the variety of hazards that are likely to result from climate change   | ~Yes! Agree with more enforcement, especially for rental housing safety<br>~Attractive program for rental units to be more energy efficient   |  |
| A                    | Every two years, or as otherwise dictated by Washington State, update LMC Title 15, Buildings and Construction Codes to address hazards resulting from climate change.   |   |  |
| <b>Policy EC 5.6</b> | Maintaining Basic Services: Develop a resilience strategy for the purposes of maintaining strong city finances and livable places, thereby allowing the city to more easily adapt to emergent climate-related disasters.   | ~Saving money for disasters could come from federal   |  |
| A                    | Analyze climate risks and benefits of resilience measures to property value and city revenue streams.  |   |  |
| B                    | Map vulnerable community assets and disadvantaged neighborhoods.   |   |  |
| C                    | Include resilience requirements in local building and zoning codes.  |   |  |
| D                    | Communicate climate risks and resilience activities to the public.   |   |  |
| E                    | Engage economic development organizations in city resilience planning efforts.   |   |  |
| F                    | Update city budget process to ensure equitable resource allocation.  |   |  |
| G                    | Address household financial and climate vulnerability in a holistic manner by coordinating complementary programs.   |   |  |