

Existing Comprehensive Plan Goal Statements, Objectives, and Policies & Vision Statements - Block 2: Energy and Climate

Current Comprehensive Plan Language	Is the Current Language Obsolete, Outdated, Redundant or still Relevant?	What is Some Potential Language to Improve/Replace Existing Policy?	Are there related Vision Goal Statements or Actions or Other City Plan Policies that Should be Incorporated/Added?	What are Examples of Good Policy Language from Other Cities' Comprehensive Plans?
<p>Chapter 5 – Energy Conservation Element Element Goal: To conserve energy by encouraging energy efficient land use patterns and transportation systems, and by encouraging the construction industry and private homeowners to participate in energy conservation programs.</p>	<p>Still relevant but outdated. The focus of the current chapter is more geared toward supporting levels of energy usage as the city grows. Updates are needed to reflect energy conservation issues, building efficiency standards, and the topics of climate change and its causes.</p>	<p>A revised Energy and Climate chapter should include discussions on energy sources, carbon emissions, green building, climate change, climate resiliency, and others,</p>	<p><u>Goal Statement Planet 3:</u> Milwaukie is a model city that produces more energy through renewable sources than it uses. It is a prepared and resilient community, adaptive to the realities of a changing climate.</p> <p><u>Priority Action Planet 1.1:</u> Implement city programs, incentives and development code amendments that promote sustainable development and help to better integrate the built environment and natural environment.</p> <p><u>Priority Action Planet 3.1:</u> Encourage energy and water efficiency and the use of renewable sources by offering rebates, incentives, and permit fee reduction or waivers.</p> <p><u>Priority Action Planet 3.2:</u> Develop a Climate Action and Energy Plan that aims to reduce the impacts of the Milwaukie community on climate change and by 2040 make Milwaukie a Net-Zero energy community that produces more electricity than it consumes.</p> <p><u>Priority Action Planet 3.5:</u> Ensure that the City’s infrastructure and facilities can reasonably withstand natural or man-made disasters and that the City can continue to provide services during an emergency event.</p>	<p>The Milwaukie Community Climate Action Plan is currently in its draft stage.</p> <p>The Portland Climate Action Plan serves as a good example of climate action planning both locally and nationally.</p> <p>Hillsboro used the following 4 goals in its Energy and Climate Change chapter:</p> <ul style="list-style-type: none"> • Resource Efficiency • Renewable Energy • Transportation • Innovation <p>Everett (WA) included ten goals, including one related to identifying community vulnerabilities to climate change and to assisting vulnerable populations.</p>
<p>Objective 1 – Land Use: To encourage an energy efficient land use pattern.</p>	<p>Still relevant, but needs to be updated with current methodology.</p>	<p>Ensure that ‘efficiency’ in this context refers to energy efficiency and pedestrian accessibility rather than efficiency of automobile movement throughout the city.</p>	<p><u>Goal Statement Planet 1:</u> The entire city nurtures a connected canopy of trees planted and stewarded by its residents. Smart and focused development honors and prioritizes life-sustaining natural resources.</p> <p><u>Goal Statement Prosperity 2:</u> Milwaukie’s neighborhoods are the center of daily life, with amenities and community-minded local businesses that meet the daily needs of residents. They</p>	<p>Portland’s concept of Centers and Corridors, as well as the concepts of New Urbanism and Smart Growth, illustrate ways in which compact development approaches can affect efficiency in housing design and automobile trip reduction.</p>

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			<p>form a network of unique, interconnected local hubs that together make Milwaukie the livable, equitable, and sustainable community that it is.</p>	
<p><u>Policy 1:</u> Through its Land Use Chapter policies, the City will encourage the following:</p> <ul style="list-style-type: none"> • In-filling of developable lands in order to take advantage of previously constructed public facilities and services, • Location of industries and employment centers in close proximity to local neighborhoods, providing nearby employment opportunities. Potential to reduce long commuting trips is thereby established, • Increased density and intensity of residential development in areas adjacent to transit corridors, employment and commercial centers. 	<p>Still relevant, but could be expanded. The “Through its Land Use Chapter policies” language is clumsy and redundant.</p>	<p>Tie in the neighborhood hubs and missing middle housing concepts.</p> <p>More clearly call out live/work proximity and access to transit.</p>	<p><u>Priority Action Prosperity 2.1:</u> Identify and support the development of neighborhood economic hubs that are walkable and provide amenities and commercial services for neighborhood residents.</p> <p><u>Priority Action Prosperity 2.2:</u> Incentivize development of opportunity sites and other vacant and underutilized properties that can help meet the needs of neighborhood residents.</p> <p><u>Priority Action Prosperity 2.3:</u> Work with local vendors and community organizations to facilitate access to healthy, fresh food throughout Milwaukie’s neighborhoods.</p> <p><u>Priority Action Planet 3.5:</u> Ensure that the City’s infrastructure and facilities can reasonably withstand natural or man-made disasters and that the City can continue to provide services during an emergency event.</p> <p><u>Priority Action Place 2.2:</u> Streamline permitting and examine ways to adjust system development charges to encourage creative uses of space such as Accessory Dwelling Units, Tiny Homes, and Cottage Clusters.</p> <p><u>Priority Action Place 2.5:</u> Create neighborhood plans that define neighborhood character, identify community needs and priorities, and develop strategies for better integrating infill housing into neighborhoods.</p> <p><u>Priority Action Place 2.7:</u></p>	<p>Hillsboro Policy ECC 3.1: Compact walkable places.</p>

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			Update the Development Code to allow more “missing middle” housing types (duplexes, triplexes and cottage clusters, tiny houses) in established neighborhoods, and permit mixed-use buildings in neighborhood hubs.	
<p>Objective 2 – Transportation System: To encourage an energy efficient transportation system.</p>	Still relevant, but needs to be expanded.	A majority of carbon emissions originate from transportation. Energy efficiency in transportation can refer to the efficiency of the vehicles themselves as well as the fuels the use. Energy efficient transportation systems encourage transportation modes that reduce or eliminate carbon emissions, such as walking, biking, and transit.	<p><u>Goal Statement Place 1:</u> Milwaukie has a complete, clean and attractive network of sidewalks, bike lanes and paths that enable accessibility, mobility, and safety for all. Streets are tree-lined, well-lit and designed to promote a healthy and active lifestyle. There is a seamless transition between walking, biking, and transit to key amenities and neighborhood centers.</p>	<p>Hillsboro has a whole goal dedicated to transportation, and includes the following policies:</p> <p>Policy ECC 3.3: Active transportation and transit Policy ECC 3.4: Emerging user and systemwide technologies. Policy ECC 3.7: Locally-produced goods.</p>
<p><u>Policy 1:</u> Through policies contained in the Transportation Element, the City will encourage the following:</p> <ul style="list-style-type: none"> • Improvements to improve the efficiency of major highways and arterials, • Improvements to the regional and local public transit system including passenger waiting facilities to encourage transit usage for appropriate trips, • Improvements to the pedestrian and bicycle system linking neighborhood and community facilities, and improving access to transit corridors. 	Partially outdated. The definition of efficiency as related to automobiles in this language refers to their ability to move freely throughout the roadways. The second and third bullet points are still relevant, but could both be expanded upon.	Rather than taking an auto-centric approach, a more updated transportation system plan should also consider issues of carbon emissions, the effects of roads and parking lots on land use and urban heat island effect, and sprawl. An increased focus on encouraging walking, biking, and transit within the transportation system will help to achieve Milwaukie’s Community Climate Action Plan and Vision goals.	<p><u>Priority Action Place 1.1:</u> Improve walkability and bikeability within the network by creating dedicated bike paths and walking trails that connect transit, neighborhood business hubs and public spaces, including Milwaukie Bay Park.</p> <p><u>Priority Action Place 1.2:</u> Utilize the Safe Access for Everyone (SAFE) Program to fill in sidewalk gaps and construct Americans with Disabilities Act (ADA) improvements in support of the Safe Routes to School Program.</p> <p><u>Priority Action Place 1.4:</u> Develop a Vision Zero program that seeks to eliminate traffic deaths and life-changing injuries on Milwaukie’s streets.</p> <p><u>Priority Action Place 1.9:</u> Research and examine funding strategies for innovative local transit options that complement the regional transit network and help connect residents and employees to local amenities, employment areas and neighborhoods throughout the city.</p>	

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<p>Objective 3 – Construction: To encourage the construction industry to construct energy efficient residential, commercial and industrial facilities.</p>	<p>Concept still relevant, but policy language is outdated in its lack of detail.</p>	<p>Current building efficiency language considers both new construction as well as the retrofitting of current buildings. Energy efficiency rating systems can be referenced, but caution should be used as the standards and requirements of these systems can change over time.</p> <p>Other considerations related to construction and site/building design include factors that contribute to urban heat island effect, stormwater permeability, and project location in relation to existing goods and services.</p>	<p><u>Priority Action Planet 1.1:</u> Implement city programs, incentives and development code amendments that promote sustainable development and help to better integrate the built environment and natural environment.</p> <p><u>Priority Action Planet 3.1:</u> Encourage energy and water efficiency and the use of renewable sources by offering rebates, incentives, and permit fee reduction or waivers.</p>	
<p><u>Policy 1:</u> [No policies listed for this Objective.]</p>				
<p>Objective 4 – Site and Building Design: To encourage site design practices resulting in energy efficiency.</p>	<p>Concept still relevant, but policy language is outdated in its lack of detail.</p>	<p>Current building efficiency language considers both new construction as well as the retrofitting of current buildings. Energy efficiency rating systems can be referenced, but caution should be used as the standards and requirements of these systems can change over time.</p> <p>Other considerations related to construction and site/building design include factors that contribute to urban heat island effect, stormwater permeability, and project location in relation to existing goods and services.</p>	<p><u>Goal Statement Planet 3:</u> Milwaukie is a model city that produces more energy through renewable sources than it uses. It is a prepared and resilient community, adaptive to the realities of a changing climate.</p> <p><u>Priority Action Planet 1.1:</u> Implement city programs, incentives and development code amendments that promote sustainable development and help to better integrate the built environment and natural environment.</p> <p><u>Priority Action Planet 1.4:</u> Develop a strong tree ordinance that incentivizes tree protection, has equitable tree replacement standards, and provides adequate flexibility for property owners.</p> <p><u>Priority Action Planet 3.1:</u> Encourage energy and water efficiency and the use of renewable sources by offering rebates, incentives, and permit fee reduction or waivers.</p>	

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<u>Policy 1:</u> The City will review and consider adoption of the results of the Metropolitan Solar Access Committee recommendations when they become available.	Outdated.	Tie in solar access discussions from Climate Action Plan.		
<u>Policy 2:</u> The City will encourage street and site design which allows the orientation of structures to take maximum advantage of solar energy potential. Access to sunlight will be safeguarded.	Still relevant.	Need to better consider impacts of solar access on tree protection.		Hillsboro Policy ECC 1.7 deals with reducing the urban heat island effect.
<u>Policy 3:</u> The City will encourage the innovative use of alternative energy sources such as solar, wind, etc., on all existing and new residential, commercial and industrial developments.	Still relevant.	Is stronger language than “encourage” appropriate here?		Hillsboro ECC 1.3: Advance energy efficiency by promoting passive solar in new site design and development.
<u>Policy 4:</u> The City will, when practicable, make energy efficiency and the use of renewable resources a regular practice in its design and operation of buildings, equipment, and public facilities and services.	Concept still relevant, but the policy language is outdated.	Is stronger language than “when practicable” appropriate here? Should the Comprehensive Plan be committing to renewable energy use?		Hillsboro Policy ECC 2.3: Design for renewable energy production.
<u>Policy 5:</u> The City will establish an energy program aimed at ensuring the conservation of energy, utilizing alternative energy sources, and safeguarding the community’s access to direct energy resources.	Still relevant.			
Objective 5 – Coordination: To participate in local, regional and state-wide energy conservation programs.	Still relevant.			
<u>Policy 1:</u> The City will encourage residents and local businesses to conserve energy, to use renewable resources, and to recycle materials. The City will coordinate its efforts with those of local organizations, special districts, utility companies and State, regional and federal agencies.	Still relevant.			Hillsboro’s Innovation Goal includes policies related to collaboration, including Policy ECC 4.2: Partnerships around climate change.
Big Ticket Questions <ul style="list-style-type: none"> • Should there be a goal that ties directly to the Climate Action Plan’s Goal: for Milwaukie’s buildings to have no net emissions by 2040, and to be a fully carbon neutral city by 2050? • How do we scale up from the Climate Action Plan (turn action items into policies)? • Should we maintain the current format listed in the five objectives? Are they appropriate for the climate change discussion? • How do we deal with overlap between Climate Change and Natural Hazards as it relates to topics such as wildfire smoke and flooding? 		What is Missing? <ul style="list-style-type: none"> • The Comprehensive currently does not have a discussion of climate change. • The energy section is focused primarily on energy efficiency, as opposed to renewable energy or emissions. 		