

Appendix C – Climate Action Plan Items

This appendix presents a condensation of goals and strategies listed in the seven focus areas of the *Sustainable West Linn Strategic Plan* that relate to climate change. These action items were selected because of their significance in reducing greenhouse gas emissions.

Built Environment

GOAL 1: By 2040, all households in West Linn will have convenient access to diverse transportation options, including walking, biking, and public transit, that are safe, low-cost, reduce vehicle miles traveled, and reduce carbon footprint.

Strategy 1: Develop safe pedestrian and bike connections and other infrastructure.

Strategy 2: Concentrate mixed-use development in compact, walkable, and human -scaled centers. Step 3 – 60% of streets contains street trees at no more than 40 feet intervals.

Strategy 3: Expand local employment opportunities.

Strategy 4: Provide education, outreach, and incentives for community members to get around the City and region without a car.

Strategy 5: Work toward transportation affordability.

GOAL 2: Construct, preserve and maintain an adequate and diverse supply of housing options for all residents that allow for an affordable combined cost of housing and transportation.

Strategy 1: Increase the amount of affordable housing located near public transit.

GOAL 3: By 2040, all residents will be able to shop, eat, work, and recreate locally.

Strategy 1: Source more goods and services locally since this increases demand for local businesses.

Energy

GOAL 1: By 2040, the City of West Linn will reduce greenhouse gas emissions in existing City facilities and operations by 80%.

Strategy 1: Establish annual sustainability for all City facilities and operations including information about energy and water use, waste, toxics, purchasing, etc.

Strategy 2: All park facilities, cumulatively, will be net zero energy users, meaning that they produce as much energy as they consume.

Strategy 3: All vehicles in the city will use alternative fuels or be electric or hybrid.

Strategy 4: All new City buildings will be carbon neutral by 2030, and existing buildings will reduce emissions by 80%.

GOAL 2: By 2040 West Linn citizens will reduce greenhouse gas emissions in buildings and houses by 50%.

Strategy 1: Amend City of West Linn community development and building codes and regulations to foster energy-efficient development patterns, construction, and renovation.

Strategy 2: Educate citizens and businesses on the benefits of energy conservation and renewable energy use.

Strategy 3: Encourage community solar power projects.

Natural Areas

GOAL 1: In 2040, the current natural areas in and around West Linn will be preserved and functioning from an ecosystem services perspective. One of the purposes for doing so will be to foster localized cooling through tree canopy cover, green roofs, or green walls.

Strategy 1: Determine the percentage of land area in WL that is covered by protected vegetated surface.

Strategy 2: Absorb new growth in already developed land first.

GOAL 3: Achieve no net loss of wetlands, streams, and riparian corridors.

Strategy 1: Adopt best management practices for restoration and management of public lands including, among other things, tree-planting events.

Strategy 2: Promote habitat management, restoration, and ongoing maintenance of private land by working with county and state officials to ensure the highest standards are being met including climate change projections.

Water

GOAL 1: The amount of water purchased annually by West Linn through 2040 will not exceed 140,200,000 ccf/year (equal to water use in 2002), regardless of population growth.

Strategy 1: Amend the *Comprehensive Plan* and building codes to require water-conserving appliances and systems and to facilitate retrofits with greywater systems.

Strategy 3: Work with community groups to provide watershed education and incentives to residents, businesses, and youth.

GOAL 2: By 2040, all storm water at new developments will be infiltrated on or near the place where it falls.

Strategy 1: Amend the *Comprehensive Plan* and building codes to require onsite storm water management where practicable.

Materials Management

GOAL 1: By 2040, all products designed, produced or supplied in West Linn are done so with an informed awareness of their full life cycle, recognizing there are impacts, both positive and negative, within our shared environment.

Strategy 1: Eliminate the production of hazardous materials.

Strategy 3: Amend building codes to reduce building materials used and to increase the use of more sustainable products for construction.

(Note: An audit of the Building Code is recommended here, in Materials Management Goal 3, Energy Goal 2, and Water Goals 1 and 2. It may be most efficient to consider all of these aspects in a Building Code audit.)

Goal 2: By the year 2040, citizens make thoughtful, informed and deliberate decisions about their use of products and services. We live well and consume within our sustainable share of the world's natural resources. Citizens recognize that conscious choices can be used as tools to create a more sustainable environment.

Strategy 3: Increase opportunities for community members and businesses to share and repurpose unwanted products.

Strategy 4: Implement City-wide bans on products that are determined to be widely used and detrimental, such as plastic bags and StyrofoamTM take-out containers, and support this type of policy change at the state and local level.

Health & Food

GOAL 1: By 2040, all people in West Linn will have local access to options for healthy, active lifestyles.

Strategy 2: Include active transportation sections in the *Comprehensive Plan* and *Transportation System Plan*.

GOAL 2: By 2040, all people in West Linn will have local access to healthy and sustainable diets.

Strategy 1: Increase the percentage of residents who live within a half-mile of a food outlet that sells local food.

Strategy 3: Provide education and outreach about backyard and container gardening, as well as about raising appropriate domestic farm animals as food resources.